



N°...../UDS/ED/FS/VDRC/CERVARENT/D

Dschang le,.....

Madame le Doyen de la Faculté des Sciences

A

Monsieur le Recteur de l'Université de Dschang

Objet : Productions scientifiques des Enseignant(e)s de la Faculté des Sciences

Réf. N°00113/UDS/R/VR-RECOME/ED/SG/DAAC/DRD du 08 Janvier 2025

Monsieur le Recteur

En reponse à votre correspondance datée du 08 Janvier 2025 dont l'objet et la référence sont repris ci-dessus en marge,

J'ai l'honneur de vous faire tenir ci-jointes, les différentes productions scientifiques de nos Enseignants pour la période 2019-2024.

Veillez agréer Monsieur le Recteur, l'expression de ma parfaite considération./-

Madame le DOYEN

RÉPUBLIQUE DU CAMEROUN

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PRODUCTION SCIENTIFIQUE DES ENSEIGNANTS DE LA FACULTE DES SCIENCES PAR DEPARTEMENT

Période : 2019 – 2024

Mars 2025

SOMMAIRE

SOMMAIRE	2
INTRODUCTION.....	3
1. PRODUCTIONS DU DEPARTEMENT DE BIOLOGIE ANIMALE	5
2. PRODUCTIONS DU DEPARTEMENT DE BIOCHIMIE	35
3. PRODUCTIONS DU DEPARTEMENT DE BIOLOGIE VEGETALE	111
4. PRODUCTIONS DU DEPARTEMENT DE CHIMIE	126
5. PRODUCTIONS DU DEPARTEMENT DE MATHEMATIQUES -INFORMATIQUE.....	156
6. PRODUCTIONS DU DEPARTEMENT DE PHYSIQUE	176
7. PRODUCTIONS DU DEPARTEMENT DE SCIENCES DE LA TERRE	195
CONCLUSION.....	213

INTRODUCTION

Ce document présente les productions scientifiques des enseignants de la Faculté des Sciences de l'Université de Dschang pour la période 2019–2024, dans sept de ses départements, à savoir les départements de Biologie Animale (BA), Biologie Végétale (BV), Biochimie (BC), Chimie (CH), Mathématiques-Informatique (MI), Physique (PH), et de Sciences de la Terre (ST) ; il est à noter que le département des Énergies Renouvelables (Enrs) est seulement à sa deuxième année de fonctionnement. Cette activité de recherche se traduit, au-delà de l'encadrement des étudiants aux cycles de Masters et de doctorat/PhD, par la publication d'articles scientifiques dans des revues hautement qualifiées avec comité de lecture, la participation et l'organisation des congrès, colloques et conférences scientifiques. Au total, plus 1750 publications scientifiques ont été recensées et couvrent des domaines variés, allant de la pharmacologie et la conservation de la biodiversité aux sciences environnementales et médicales, en passant par la modélisation mathématique et l'application de l'informatique à la santé et aux changements climatiques, reflétant l'excellence et la diversité de la recherche au sein de l'institution.

Par ailleurs, la faculté a organisé plus de 35 congrès, colloques et conférences scientifiques durant cette période, avec une participation active de tous les enseignants-chercheurs et de la communauté universitaire. Ces initiatives ont favorisé le partage des connaissances, le renforcement des collaborations et la visibilité internationale des chercheurs.

Cette synthèse met en lumière la contribution significative de la Faculté des Sciences au progrès scientifique, tout en soulignant l'importance de poursuivre les efforts pour soutenir la recherche et l'innovation.

DEPARTEMENT DE BIOLOGIE ANIMALE

**PRODUCTIONS SCIENTIFIQUES DES ENSEIGNANTS DE LA FACULTE DES SCIENCES DE
L'UNIVERSITE DE DSCHANG**

1-DEPARTEMENT DE BIOLOGIE ANIMALE

-Publications Scientifiques

Année	Publications Scientifiques
2019	1- Aime Cesaire Momo Tetsatsi, Pepin Alango Nkeng-Effouet, Desire Munyali Alumeti, Georges Romeo Fozin Bonsou, Albert Kamanyi, Pierre Watcho. Colibri® insecticide induces male reproductive toxicity: alleviating effects of <i>Lannea acida</i> (Anacardiaceae) in rat. <i>Basic and Clinical Andrology</i>, 2019; 29(1): 1-13. 2- Boyah JK., Fonkou T, Nguelefack TB, Nguetsop VF, Lekeufack M. (2019) Wastewater treatment potentials of vegetated beds with <i>Brillantaisia cf. bauchiensis</i> Hutch & Dalz and <i>Polygonum salicifolium</i> Brouss ex Wild in the Western Highlands of Cameroon. <i>Journal of Environmental Protection</i>, 10, 389-412. https://doi.org/10.4236/jep.2019.10302 3- Djuichou Nguemnang SF, Tsafack Gonzal E, Mbiancha M, Ateufack G, Atsamo AD, Yousseu Nana W, Matah Mba VM, Adjouzem CF. (2019). In Vitro Anti-Inflammatory and In Vivo Antiarthritic Activities of Aqueous and Ethanolic Extracts of <i>Dissotis thollonii</i> Cogn. (Melastomataceae) in Rats. Evidence-Based Complementary and Alternative Medicine. Volume 2019, Article ID 3612481, 17 pages. https://doi.org/10.1155/2019/3612481 4- Eveline Chistiane Ndeingang, Patrick Brice Deho Deeh, Pierre Watcho, Albert Kamanyi. <i>Phyllanthus muellerianus</i> (Euphorbiaceae) restores ovarian function in letrozole-induced polycystic ovarian syndrome in rats. <i>Evidence-Based Complementary and Alternative Medicine</i>, 2019; 1-17. 5- Fofié KC, Katekhaye S, Borse S, Sharma V, Nivsarkar M, Nguelefack-Mbuyo EP, Kamanyi A, Singh V, Nguelefack TB. 2019. Antidiabetic properties of aqueous and methanol extracts from the trunk bark of <i>Ceiba pentandra</i> in type 2 diabetic rat. <i>Journal of Cellular Biochemistry</i> 2019; 1-9. https://doi.org/10.1002/jcb.28437 6- Fotio LA, Nguépi DSM, Temdie GRJ, Dima T, Nguelefack TB. (2019) <i>Bidens pilosa</i> extract effectively alleviates acetaminophen-induced hepatotoxicity in mice. <i>Ec Pharmacology and Toxicology</i>. 7(11) : 119-131. 7- Francois Xavier Kemka Nguimatio, Modeste Wankeu-Nya, Patrick Brice Deho Deho, Esther Ngadjui, Albert Kamanyi, Pierre Watcho. Evidence-based reproductive toxicity of propylthiouracil-induced hypothyroidism in sexually experienced male rats. <i>Cameroon Journal of Experimental Biology</i>, 2019; 13(1):10-19. 8- François Xavier Kemka Nguimatio, Patrick Brice Deho Deho, Modeste Wankeu-Nya, Esther Ngadjui, Albert Kamanyi, Pierre Kamtchouing, Pierre Watcho. <i>Aframomum melegueta</i> prevents the ejaculatory complications of propylthiouracil-induced hypothyroidism in sexually experienced male rats: Evidence from intravaginal and fictive ejaculations. <i>Journal of Integrative Medicine</i>, 2019; 17:359–365. https://doi.org/10.1016/j.joim.2019.05.001. 9- Mbiancha M, Khalid R, Dawe A, Mehreen A, Atsamo AD, Ateufack G, Hamza D, Nana Yousseu W, Bomba Tatsinkou DF, Naeem UR, Izhar A. (2019). Antihypernociceptive and neuroprotective effects of Combretin A and Combretin B on streptozotocin-induced diabetic neuropathy in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i>, 392:697–713. https://doi.org/10.1007/s00210-019-01626-1. 10- Miaffo D, Ntchapda F, Wansi SL, Poualeu KSL, Kamanyi A. (2019) Aqueous extracts of <i>Combretum molle</i> boughs ameliorates hyperglycaemia and hyperlipidemia in sucrose-induced insulin resistant rats. <i>J Herbmmed Pharmacol</i>. 8(4):328-332. doi: 10.15171/jhp.2019.48

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31. Tebo-Nzeusseu T.R., Tateng N.A., Ngouateu O. B., Yamssi C., Elanga N. E., Ndo C., Bamou R., Khan Payne V., Dondji B. 2024. Distribution and ecological aspect of sand fly species from kousseri, an endemic focus of visceral leishmaniasis in Northern Cameroon. *Front. Trop. Dis* 5 :1371670.doi [10.3389/ftd.2024.1371670](https://doi.org/10.3389/ftd.2024.1371670)
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	Eyisap, Jérôme Achille Binyang, Balotin Fogang, Lynda Nouage, Micheal Piamieu, Lawrence Ayong, Josiane Etang, Samuel Wanji, Carole Else Eboumbou Moukoko. <i>Utility of plasma Anti-gSG6-P1 IgG levels in determining changes in Anopheles gambiae bite rates in a rural area of Cameroon</i>. Sci.rep. 2024. 33. Tebo-Nzesseu TR, Tateng NA, Ngouateu OB, Yamssi C, Elanga NE, Ndo C, Bamou R, Khan-Payne V and Dondji B (2024) Distribution and ecological aspects of sand fly species from Kousseri, an endemic focus of visceral leishmaniasis in Northern Cameroon. <i>Front. Trop. Dis</i> 5:1371670. doi: 10.3389/fitd.2024.1371670 34. Awino, F. B., Maher, W. A and Fai, P. B. A. (2024). Do Crops Grown at Urban Dumpsites Contain Metals at Levels that Pose Unacceptable Health Risks to Consumers? <i>Environmental Toxicology and Chemistry</i>. https://doi.org/10.1002/etc.5995 35. Nkwatoh, T. N., Fai, P. B. A., Tchamba, M. N., & Titaku, N. E. (2024). Dietary risk assessment of drinking water and fish from cultivated wetlands of Ndop. <i>Journal of water and health</i>, 22(6), 1075–1087. https://doi.org/10.2166/wh.2024.057 36. Ngong K. Kaimo, Mvo Denis Chuo, Chefor Fotang, and Theodore B. MAYAKA 2024. Abundance of Pangolins in Southern Campo Ma'an National Park, South Region, Cameroon. <i>Annals of Ecology and Environmental Science</i>. 2024; 6(2): 01-16. 37. Djikoloum BT, Seino RA, Ngameni TN. (2024) Stream Quality and Benthic Macroinvertebrate Diversity in the Badeye Area, Logone Occidental Province, Southwestern Chad. <i>International Journal of Ecology</i>. Article ID 3878910. DIO: https://doi.org/10.1155/2024/3878910.
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-PARTICIPATION AUX CONGRES, COLOQUES ET CONFERENCES SCIENTIFIQUES

Année	
2019	1- Workshop organized by the Cameroon Forum for Biological Sciences (CAFOBIOS). Theme: Scientific Project and Manuscript Writing & Understanding the Manuscript Publishing Process. April 30-May 1, 2019, Tocket (Bafou)-Dschang. 2- Boiscience 2019, 26th Annual Conference, November 28- December 01, 2019 - University of Maroua, Maroua Cameroon. 3- CaPROWN-Humboldt Kolleg conference. 23 au 25 Janvier 2019 à Yaoundé, Cameroun. 4- Humboldt Kolleg. 03 au 06 Avril 2019 à Yaoundé, Cameroun 5- ADDRf Research Networking Symposium. 15 au 16 Mai 2019 à Dakar, Sénégal. 6- Atelier scientifique sur la rédaction efficace de projets scientifiques et d'articles, comprendre le processus de publication des articles: illustration du « Cameroon Journal of Experimental Biology (CAJEB) », 2019, 30 Avril 2019, Tockem-Bafou, Cameroun 7- 10th IBRO world Congress (21-25 September), Daegu, South Korea 8- Tseuguem PP, Ngangoum ADM, Tsague KM, Kolber JB, Tidgewell JK and Nguelefack TB. TNF-α, IL-1β and myeloperoxidase inhibitions contribute to the analgesic and anti-inflammatory curative effects of the aqueous and methanol extracts of <i>Paullinia pinnata</i> (Sapindaceae) in septic mono-arthritis in rats. Neuroscience 2019, October 19 – 23, Chicago IL, USA
2020	1- Atelier scientifique sur la pratique de Mendeleev, 2020, 21 Novembre 2020, Dschang, Cameroun. 2- 40^{èmes} Journées de l'Hypertension Artérielle, 2020, 09 Décembre 2020 en 100% Digital 3- Erasmus 2020, Capacity building action in the field of Higher Education – CBHE- in Biomedical area, 25 Janvier-08 Février 2020, Rome, Italie

	4- Second conference Cameroon association for neurosciences (CAMANE) (13-15 October 2020, IMPM, Yaoundé)
2021	1- Première conférence Journal of Experimental and Applied Tropical Biology (JEATB) du 24 au 26 mars 2021 à Ngaoundéré 2- 7^{èmes} Journées des Sciences de la Vie (JSV2021). 12-14 Août 2021 à Dschang, Cameroun 3- Biosciences 2021, 28^{ème} Conférence annuelle, 30 Novembre - 04 Décembre, Dschang, Cameroun 4- Society for Neuroscientist of Africa (SONA) 15th conference (27-30 November) Accra-Ghana “Neurological diseases in contemporary Africa”. (Oral presentation, and chairperson at a symposium); 5- American society for neurochemistry virtual conference (June 27- July 1).
2022	1- DAAD Alumni conference. Publication of scientific research results in Cameroon: impact for sustainable development. 27 au 30 Septembre 2022 à Dschang, Cameroun. 2- 29th Scientific Meeting of the International Society of Hypertension. 12 au 16 Octobre 2022 à Kyoto, Japon. 3- Humboldt Colloquium. Science and Research as Drivers for Development -German-African Cooperation in the Post-COVID-19 Era”. 30 au 31 Mars 2022. En ligne 4- Atelier de formation par le par le Cameroon Forum for Biological Sciences (CAFOBIOS) sur le thème Booster l'accès au financement de la recherche : mobilité et équipement, 2022, 11 Novembre 2022, Dschang, Cameroun. 5- Erasmus 2022, Training staff Work mobility, 10 au 16 Mai 2022, Rome, Italie 6- Mini-conference committee of the brain awareness day under the theme “the impact of the stress on our mental health” (April 13, University of Dschang, Dschang, Cameroon); 7- WWN symposium in Cameroon: “Women in Neuroscience, Challenges and Possibilities in central Africa: Case of Cameroon” (3rd October 2022); 8- 3rd Cameroon Association for Neuroscience (CAMANE) conference, October 3rd -6th 2022, Ngaoundéré, Cameroon, “Neurosciences research in Cameroon: Paving the way to innovative and promising health solutions” (3rd October 2022); 9- Preconference Workshop “Optimisation of behavioral neuroscience studies: Case of Any-maze software”. 10- Séminaire pédagogique de renforcement des capacités des enseignants des Facultés sur les méthodes d'enseignement et d'évaluation en Décembre 2022. 11- Nguelefack TB, Key note: (Post) Colonial memory: Africa between underdevelopment and slavery, Humboldt Kolleg Yaoundé, November 2 - 4, 2022 12- Tchuinkam Timoléon, Mbih Tosam Jerome, Ouwe-Messi Oukem Odile, Apungwa Cornelius, Tangwa Godfrey (2022). Les étapes de développement d'un médicament ou d'un vaccin et les effets indésirables. séminaire atelier sNECFA. Centre de contrôle de qualité des denrées alimentaires (CECOQDA) à Ndjamen au Tchad. 18 – 20 Oct 2022. Projet SNECFA-CAMBIN – CNBT, sponsorisé par TRREE-EDCTP-UE. 13- Tchuinkam Timoléon, Mbih Tosam Jerome, Ouwe-Messi Oukem Odile, Apungwa Cornelius, Tangwa Godfrey (2022). Le droit des brevets sur les médicaments et les vaccins. séminaire atelier sNECFA. Centre de contrôle de qualité des denrées alimentaires (CECOQDA) à Ndjamen au Tchad. 18 – 20 Oct 2022. Projet SNECFA-CAMBIN – CNBT, sponsorisé par TRREE-EDCTP-UE. 14- Tchuinkam Timoléon, Mbih Tosam Jerome, Ouwe-Messi Oukem Odile, Apungwa Cornelius, Tangwa Godfrey (2022). Les comités d'éthique de la recherche : devoirs, composition, fonctions et fonctionnement. séminaire atelier sNECFA. Centre de contrôle de qualité des denrées alimentaires (CECOQDA) à Ndjamen au Tchad. 18 – 20 Oct 2022. Projet SNECFA-CAMBIN – CNBT, sponsorisé par TRREE-EDCTP-UE. 15-

2023	1. JSV 2023, 8^{èmes} Journées des Sciences de la Vie, 02 au 04 Août 2023, Dschang, Cameroun. 2. Symposium des femmes scientifiques organisé par la Faculté des Sciences de l'Université de Dschang, le 02 mars 2023 sur le thème « Contribution de la femme à la progression de la science : enjeux et défis de l'innovation et de la technologie inclusive ». 3. Séminaire sur l'harmonisation et la synchronisation des activités de recherche au sein du Département de Biologie Animale à la Faculté des Sciences le 03 mai 2023. 4. Séminaire de Pédagogie universitaire du 13 au 14 novembre 2023 à l'Université de Dschang organisé à l'attention des assistants recrutés dans l'opération spéciale de recrutement de 2000 titulaires d'un Doctorat/PhD. 5. Semaine de la valorisation scientifique et culturelle sur le thème « Exploitation des résultats de recherche et création des richesses pour un développement durable » organisé du 10 au 16 novembre 2023 à l'université de Dschang. 6. Séminaire de DAAD-Alumni Event organisé du 26-28 novembre 2023 à l'université de Dschang sous le thème : « Contribution of science diplomatie to sustainable development. » 7. International Diabetes Federation (IDF) event. 23 Mai 2023. En ligne 8. 19^{ème} Conférence annuelle du RUFORUM. 23 Octobre-03 Novembre 2023. Yaoundé, Cameroun. 9. 30^{ème} conférence annuelle des Biosciences. 28 Novembre 2023-02 Décembre 2023. Bagangté, Cameroun 10. Grande conférence de la Faculté des Sciences, 2023, 17 Mai 2023, Dschang, Cameroun 11. Participation à la 16^{ème} conférence de la Société des neuroscientifique 11-14 Juillet 2023, à Johannesburg, Afrique du Sud 12. Participation au 11^{ème} congrès mondial IBRO (Granada, Espagne, 9-14 Septembre 2023) 13. Tchuinkam Timoléon, Mbih Tosam Jerome, Ouwe-Messi Oukem Odile, Apungwa Cornelius, Tangwa Godfrey (2022). Lignes directrices internationales régissant l'éthique de la recherche en santé. séminaire atelier sNECFA à Niamey au Niger . 23 – 25 Mars 2023. Projet SNECFA-CAMBIN – CNBT, sponsorisé par TRREE-EDCTP-UE. 14. Tchuinkam Timoléon, Mbih Tosam Jerome, Ouwe-Messi Oukem Odile, Apungwa Cornelius, Tangwa Godfrey (2022). Accroissement de la visibilité des comités nationaux d'éthique à travers le projet SNECFA et partage d'expérience sur d'autres initiatives. sNECFA à Niamey au Niger . 23 – 25 Mars 2023. Projet SNECFA-CAMBIN – CNBT, sponsorisé par TRREE-EDCTP-UE. 15. Tchuinkam Timoléon, Mbih Tosam Jerome, Ouwe-Messi Oukem Odile, Apungwa Cornelius, Tangwa Godfrey (2022). Recommandations Internationales(OMS) sur l'évaluation de protocoles durant les épidémies/urgences de santé publique. sNECFA à Niamey au Niger . 23 – 25 Mars 2023. Projet SNECFA-CAMBIN – CNBT, sponsorisé par TRREE-EDCTP-UE. 16. Tchuinkam Timoléon, Mbih Tosam Jerome, Ouwe-Messi Oukem Odile, Apungwa Cornelius, Tangwa Godfrey (2022). La Déclaration d'Helsinki et son application dans les contextes africains. sNECFA à Niamey au Niger . 23 – 25 Mars 2023. Projet SNECFA-CAMBIN – CNBT, sponsorisé par TRREE-EDCTP-UE. 17. Tchuinkam Timoléon, Mbih Tosam Jerome, Ouwe-Messi Oukem Odile, Apungwa Cornelius, Tangwa Godfrey (2022). Considérations de la vulnérabilité lors de l'évaluation éthique des protocoles de recherche en routine et en situation d'épidémie/urgence de santé publique. sNECFA à Bamako au Mali. 26 – 29 sept 2023. Projet SNECFA-CAMBIN – CNBT, sponsorisé par TRREE-EDCTP-UE.
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	18. Tchuinkam Timoléon, Mbih Tosam Jerome, Ouwe-Messi Oukem Odile, Apungwa Cornelius, Tangwa Godfrey (2022). Les comités d'éthique de la recherche : devoirs, composition, fonctions et fonctionnement. sNECFA à Bamako au Mali. 26 – 29 sept 2023. Projet SNECFA-CAMBIN – CNBT, sponsorisé par TRREE-EDCTP-UE.
2024	1- 25th World Meeting on Sexual Medicine, which will take place on September 26-29, 2024 in Rio de Janeiro, Brazil. 'Abstract Session - Basic Science and Late Breaking Abstracts. Date/time: Saturday, September 28, 2024; 4:00 PM - 5:30 PM Preventive Effects of Pterorhachis Zenkeri Harm (Meliaceae) in Testosterone Propionate-Induced Benign Prostatic Hypertrophy in Wistar Rat" (receipt # 14728). 2- Symposium organisé par la Faculté des Sciences de l'Université de Dschang, le 28 février 2024 sous le thème « Leadership collaboratif en science pour booster l'autonomisation durable de la femme ». 3- Humboldt Kolleg Event. 21-23 Février 2024 à Douala. 4- EU Africa PerMed 2nd Summer School. 21 - 23 Mai 2024 (En ligne). 5- Nguelfack TB, Key note: Monosodium glutamate: A food additive with Cardiometabolic deleterious effects and curative alternative. 6- Nguelfack TB, Opening lecture: Preventing inequality in Africa: is education heads or tails? Humboldt Kolleg 2024 "Education, Cultural Identity and National Heritage for Inclusive Development and Reducing Inequalities in Africa" February 21 to 23, Douala Cameroon 7- Humboldt Kolleg 2024, “The one-health concept for pandemic prevention and responses” November 11–13, 2024, Yaounde, Cameroon

-ORGANISATION DES CONGRES, COLLOQUES ET CONFERENCES SCIENTIFIQUES

Année	
2019	1- Atelier de formation sur la rédaction d'un article scientifique. 30 Avril 2019 à Tockem, Cameroun.
2020	1- Second conference Cameroon association for neurosciences (CAMANE) (13-15 October 2020, IMPM, Yaoundé) 2- Atelier scientifique sur la pratique de Mendeleev, 2020, 21 Novembre 2020, Dschang, Cameroun.
2021	1- 28^{ème} Conférence annuelle de Biosciences. 30 novembre au 04 décembre 2021 à Dschang, Cameroun. 2- Humboldt Kolleg 2021, “Reframing the world after the COVID-19 pandemic: Contribution of African Academi” 20th - 22nd October 2021 University of Dschang, Cameroon, 3- 7th Life Science Conference organized by the Cameroon Forum for Biological Sciences (CAFOBIOS). Theme: <i>Management of Pandemics and Emerging Diseases: Challenges of access to Genetic Resources and Benefit Sharing</i>. August 12 - 14, 2021, University of Dschang-Cameroon.
2022	1- Atelier « Booster l'accès au financement de la recherche : mobilité et équipement. 11 Novembre 2022 à Dschang, Cameroun. 2- WNN symposium in Cameroon: “Women in Neuroscience, Challenges and Possibilities in central Africa: Case of Cameroon” (In process starting the 3rd October 2022); 3- 3rd Cameroon Association for Neuroscience (CAMANE) conference, October 3 - 6th 2022, Ngaoundéré, Cameroon, “Neurosciences research in Cameroon: Paving the way to innovative and promising health solutions” 4- Preconference Workshop “Optimisation of behavioral neuroscience studies: Case of Any-maze software”.

DEPARTEMENT DE BIOCHIMIE

	5- Mini-conference committee of the brain awareness day under the theme “the impact of the stress on our mental health” (April 13, University of Dschang, Dschang, Cameroon) 6- Atelier de formation par le par le Cameroon Forum for Biological Sciences (CAFOBIOS) sur le thème Booster l'accès au financement de la recherche : mobilité et équipement, 2022, 11 Novembre 2022, Dschang, Cameroun. 7- Symposium on “Translational medicine and natural products in pain management” Medical School Hamburg, July 10 to 15 2022 8- Humboldt Kolleg 2022, “The Transformative Development of Postcolonial Africa: Multidisciplinary and Interdisciplinary Perspectives” from November 2 - 4, Yaounde at Yaahot Hotel, Cameroon
2023	1- Symposium: Tackling global issues in neuroscience research: african, asian and latine american perspective (11th World Congress of Neuroscience, Grenada, Espagne 9-13 Septembre 2023). 2- 8th Life Science Conference organized by the Cameroon Forum for Biological Sciences (CAFOBIOS). Thème: <i>Contribution Des Sciences de la vie au Concept One Health</i>. August 2 – 4 2023, University of Dschang-Cameroon. 3- Première édition du Symposium de Faculté des Sciences. 02 mars 2023 à Dschang, Cameroun. 4- Semaine de Valorisation Scientifique et Culturelle (SVSC-2023). 10 au 16 Novembre 2023 à Dschang, Cameroun. 5- Symposium des femmes scientifiques « Contribution de la femme à la progression de la science : enjeux et défis de l'innovation et de la technologie inclusive » Dschang ; Cameroun, 02 Mars 2023 6- ASIAN AND LATIN AMERICAN PERSPECTIVE 7- Biosciences 2023, 30th Annual Conference “Bioscience et bien-être de la communauté : plus de 30 ans du CCB au service des sciences du développement et de l'innovation”, November 28 - December 02, 2023 Université des Montagnes 8- DAAD Alumni Event 2023, “Contribution of Science Diplomacy to Sustainable Development” November 26-28, 2023, University of Dschang, Cameroon
2024	1- Symposium des femmes scientifiques 2^{ème} édition « Leadership collaboratif en Science pour booster l'autonomisation durable de la femme » Dschang, Cameroun 28 Février 2024 2- DAAD Alumni Event 2024, “Nutrition in the treatment, Management and prevention of Non-Communicable Diseases” 8th to 10th May 2024, Université des Montagnes, Bangangte, Cameroon 3- Humboldt Kolleg 2024 "Education, Cultural Identity and National Heritage for Inclusive Development and Reducing Inequalities in Africa" February 21 to 23, Douala Cameroon 4- Humboldt Kolleg 2024, “The one-health concept for pandemic prevention and responses” November 11–13, 2024, Yaounde, Cameroon

2-Département de Biochimie

I- Publications Scientifiques

Années	Publications Scientifiques
2019	1-Aboudi Etono C.E., Mouokeu R.S., Njateng G.S.S., Tchinda Tiabou A., Ebelle Etame R.M., Ngono Ngane R.A., Mouelle Sone A. 2020. Chemical Composition and Antibacterial Activity of Fractions from <i>Bridelia micrantha</i> Stem Bark Methanol Extract. International Journal of Current Microbiology and Applied Sciences, 9:1102-1119.

	Aboudi Etono C.E., Mouokeu R.S., Njateng G.S.S., Tchinda Tiabou A., Ebelle Etame R., Ngono Ngane R.A. 2019. Antibacterial Activity of Methanol Extract and Fractions from Stem Bark of <i>Bridelia micrantha</i> (Hochst.) Baill. (Phyllanthaceae)". <i>EC Pharmacology and Toxicology</i>. 7: 609-616. Adem FA, Mbaveng AT, Kuete V, Heydenreich M, Ndakala A, Irungue B, Yenesew A, Efferth T. (2019): Cytotoxicity of isoflavones and biflavonoids from <i>Ormocarpum kirkii</i> towards multi-factorial drug resistant cancer <i>Phytomedicine</i> 58: Article 152853. Adem FA, Mbaveng AT, Kuete V, Heydenreich M, Ndakala A, Irungue B, Yenesew A, Efferth T. (2019): Cytotoxicity of isoflavones and biflavonoids from <i>Ormocarpum kirkii</i> towards multi-factorial drug resistant cancer <i>Phytomedicine</i> 58: Article 152853. Agbor, E. E. ., Nganje T.N., & Katte, B. F. (2019). Bacteriological Analysis of Drinking Water from Kumba, South West Region Cameroon. <i>South Asian Journal of Medical Sciences</i>, 1(1), 30-35 Agbor, E., & De, Y. T. (2019). Knowledge Levels of Health Benefits of <i>Hibiscus Sabdarifa</i> Calyx Aqueous Extract among the Population of Dschang, West Region Cameroon. <i>ARC Journal of Nutrition and Growth</i>, 5(1), 29-33. Ajong A.B., Kenfack B., Ali I.M., Yakum M.N., Telefo P.B. (2019). Prevalence and correlates of low serum calcium in late pregnancy: A cross sectional study in the Nkongsamba Regional Hospital; Littoral Region of Cameroon. <i>PLoS ONE</i> 14(11): e0224855. https://doi.org/10.1371/journal.pone.0224855 Alex Mabou Tagne, Biapa Nya Prosper Cabral, Armand Tiotsia Tsapi, Annick Kevin Edingue Essoh, Gynette Pembouong, Michael Alliance Ngouadjeu Ngnintendem, Franca Marino, Marco Cosentino. Determinants, Prevalence and Trend of Use of Medicinal Plants Among People Living with severe anaemia and HIV: A Cross-Sectional Survey in Dschang, Cameroon, <i>AIDS and Behavior</i>, 2019 https://doi.org/10.1007/s10461-018-02388-2 Atontsa BCK, Bitchagno GTM, Mpetga JDS, Wamba BEN, Nayim P, Tchuenguem RT, Ndontsa BL, Koagne RR, Opatz T, Kuete V, Tane P. Caffeate and piperidine-3-ol derivatives from the stem bark of <i>Cassia sieberiana</i>. <i>Nat Prod Res</i>. 2019 Nov 1:1-8. doi: 10.1080/14786419.2019.1684278 Badawe G, Fankam AG, Mbaveng AT, Wamba BEN, Nayim P, Kuete V. (2019): <i>Cinnamomum zeylanicum</i>, <i>Dichrostachys glomerata</i> and three other plants had anti-staphylococcal and antibiotic-modifying activity against drug-resistant phenotypes. <i>Investigational Medicinal Chemistry and Pharmacology</i> 2(1):25. Biapa Nya Prosper Cabral, Yembeau Lena Natacha, Kengne Fotsing Christian, Chetcha Bernard, Prudence Nkwikeu Nya Josela, Telefo Phelix Bruno, Oben E. Julius, Pieme Constant Anatole. The anti-sickling mechanism of <i>Amphimas pterocarpoides</i> (Cesalpiniaceae) against sickle cell Anemia. <i>Academia Journal of Medicinal Plants</i>, 2019 7(4) : 117-124, April 2019. Chimi YL, Njateng GSS, Agokeng DJA, Mouokeu RS, Feudjio C, Lacmata TS, Iqbal J. (2019). <i>In vitro</i> antidiabetic activity and mechanism of action of three Cameroonian medicinal plant extracts. <i>International journal of research-GRANTHAALAYAH</i> 7, (8):2394-3629. Christian Bernard Kengne Fotsing, Constant Anatole Pieme, Prosper Cabral Biapa Nya*, Jean Paul Chedjou, Samuel Ashusong, Gisele Njindam, Jocelyn Tony Nengom, Georges Teto, Carine Nguemeni, Wilfred Fon Mbacham and Donatien Gatsing. Haptoglobin gene polymorphisms among sickle cell patients in West Cameroon: Hematological and clinical implications. <i>Advance in Hematology</i>, Volume 2021, Doi.org/10.1155/2021/6939413
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II - Participation aux congrès, colloques et conférences scientifiques

2024	MBOUKAP Ntongme Alix., KLANG Mathilde Julie., NJAPDOUNKE Bilkissou., NJANG NANGA Marie Madeleine, NDOMOU Houketchang Serge Cyrille and WOMENI Hilaire Macaire (2024). Formulation de quelques aliments à base des poudres et tourteaux de safou ramollis (<i>Dacryodes edulis</i>). Journée Scientifique du Département de Biochimie (JSB) du 19-20 Mars 2024 à l'Université de Dschang sur le thème « La recherche au Département de Biochimie: Les défis pour le partenariat avec les entreprises». Alex Blairio Tsopbeng Tsopzong, Mathilde Julie Klang, Phélix Bruno Téléfo. (2024). Screening of West Cameroonian food plant-based mucilage and binary blending of their powders for the production of improved protein-polysaccharide conjugates. Communication orale. "International conference on Interdisciplinarity, digitalization and technological advancement for sustainable development", September 27-28, 2023, Yaoundé-Cameroun. Kenfack J. O., Dangang B. M., Foko K. M., Klang J. M., Zambou N. F. (2024). Effect of different varieties and fruit parts of <i>Sechium edule</i>, <i>Curcubitaceae</i> on phytochemical, antioxidant, nutritional and in vitro antidiabetic properties. 2^{ème} édition du Symposium des femmes scientifiques de l'Université de Dschang. Dschang, Cameroun, 27 février 2024. (Communication Poster). Gustave Simo. 2024. Schistosome infections in cattle of the Magba sub-division in the West Cameroon region: importance in implementing a one-health strategy to achieve schistosomiasis elimination goals. Catholic University of Health and Allied Sciences (CUHAS) scientific conference. 13th November 2024; Mwanza, Tanzania. Diagnosis of COVID-19" Online Certificate Course: Sample Collection, RNA Extraction, PCR, and Data Interpretation. Organized by COMSTECH and ICCBS, Pakistan ISME African Travel Grants for attending the 19th International Symposium on Microbial Ecology (ISME 19 Conference) at Cape Town, South Africa. Poster presentation: Whole genome analysis and health beneficial properties of <i>Bifidobacteria</i> from the microbiome of Cameroonian infants, an underrepresented population Bruno Ghislain Fotso Saah, Hermann Arantes Kohole Foffe, Ronice Zokou, Hygride Dongmo, Marie Madeleine Ndjang Nanga, Mathilde Julie Klang, Gustave Simo. 2024. Effect of incorporating cowpea (<i>Vigna unguiculata</i>) and soy bean (<i>Glycine max</i>) flours on the textural, nutritional and
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	technological properties of rice fritters. 5^{èmes} journées scientifiques du département de Biochimie, , 19 – 20 Mars 2024; Université de Dschang, Dschang, Cameroun. Mengoue Tekeu EL, Tatang Atiokeng RJ, Simo G. 2024. Identification des déterminants génétiques humains et parasites associés à la persistance de la transmission de la Schistosomiase urinaire dans la localité de Magba, Ouest – Cameroun. 5^{èmes} journées scientifiques du département de Biochimie, , 19 – 20 Mars 2024; Université de Dschang, Dschang, Cameroun. Estelle Mezajou Mewamba, Edmond Loic Tekeu Mengoue, Darelle Bethanie Motia, Ivana Rachelle Banga Diengue, Auvaker Arnol Zebaze Tiofack, Rostand Tatang Atiokeng, Gustave Simo. 2024. Prevalence of urinary schistosomiasis in school-aged children of the health area of Matta. Matta: Impact on the health of children. Humbolt kolleg. 21-23 February 2024, Douala Njateng GSS . 02 and 03 December 2024. « Impact of type 1 diabetes on renal parameters in children aged 1 to 17 at the Mother and Child University Hospital of N'Djamena-Chad ». Participation to the “4th Global Webinar on Diabetes and Endocrinology held during December 02-03, 2024 GMT+7. Scientex Conferences. Oral presentation. Participation in the “RTB Breeding Task Force on Quality & Preferences” workshop held at Ibadan, Nigeria from March 25-26, 2024. Participation in the RTB Breeding Phase 2 Planning meeting held at Amsterdam, The Netherlands, from 29th to 31st May 2024, with an oral communication entitled « CARBAP and University of Dschang achievements on boiled plantain product profile within the framework of RTBFoods Project». Participation in the Department of Biochemistry 5th Scientific days (JSB) 2023 on the theme ” La Recherche au Département de Biochimie : Les défis pour le partenariat avec les entreprises”. Symposium des femmes de la Faculté des Sciences tenu à l’Université de Dschang le 28 Février sous le thème : « <i>Collaborative leadership in science to foster sustainable empowerment of women</i> » Multilateral Initiative on Malaria Conference, Kigali, Rwanda, April 20-27 American Society of Tropical medicine and Hygiene Conference, New Orleans, Nov 13-17. Pedagogic workshop on “Deep pedagogic approaches: pedagogical alignment, syllabus development, evaluation, NTIC, distance learning and cyber-security.” 2022 Participation in the Department of Biochemistry 4th Scientific days (JSB) 2022 ” Contribution de la recherche au Département de Biochimie au rayonnement de l’Université de Dschang.” Dr. Dandji Saah Marc B. et al., (2022). Symposium sur l’état des lieux de la recherche sur la carence en vitamine A et impact des crises sur la situation nutritionnelle ‘Université d’été en Nutrition du 20 au 25 avril 2022 à l’Université de Dschang). l’ONG Helen Keller International (HELEN KELLER INTL) 8th International Conference on <i>Plasmodium vivax</i> Research, Online Attendance. Participant au symposium sur « l’état des lieux de la recherche sur la carence en vitamine A impact des crises sur la situation nutritionnelle » organisé pendant les universités d’été en nutrition à l’Université de Dschang et sponsorisé par Helen Keller Intl-Cameroun du 25 au 30 Avril 2022.
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	Décembre 2022 : Participant au séminaire pédagogique de renforcement des capacités des enseignants du supérieur tenu à l'Université de Dschang et organisé par la Faculté des Sciences du 07 au 08 septembre 2022. Tsopbeng Tsopzong, A. B., Klang, M. J*, Kenfack, J. O., Tambo Tenne, S. & Phélix Bruno Téléfo, P. B. (2022). Screening and blending of West-Cameroon mucilaginous food plants powders for the production of improved plant polysaccharide conjugates: A new challenge towards the potentiation of minor gums. Poster, 4èmes journées scientifiques du département de Biochimie, Université de Dschang, Dschang, Cameroun, 15 – 16 Décembre 2022. Participation au séminaire de développement/renforcement des approches pédagogiques sur : Alignement pédagogique, la conception des syllabus, NTIC, l'enseignement à distance et la cyber criminalité organisé par la Faculté des Sciences de l'Université de Dschang. Participation à la première édition de l'Université d'été en nutrition sur la nutrition d'urgence organisée par Helen Keller International et la Faculté de Médecine et des Sciences Pharmaceutiques à l'Université de Dschang Participation au séminaire de développement/renforcement des approches pédagogiques sur : Alignement pédagogique, la conception des syllabus, NTIC, l'enseignement à distance et la cyber criminalité organisé par la Faculté des Sciences de l'Université de Dschang. 7 - 8 Décembre 2022 Kanga Rolin, Silatasa Barbérine Kuate Jules-Roger and Simo Gustave. 2022. Animal and human brucellosis in the Noun, West Region of Cameroon: A call of the implementation of the 'One Health' Approach as a control strategy for the disease. Scientific information days on zoonosis, January, 12nd 2022, Yaoundé, Cameroon: Sartrien Kanté, Gustave Simo. 2022. Screening of trypanosomes and feeding behaviour of tsetse flies in two dormant sleeping sickness foci of Cameroon: implications for the implementation of vector control. 3rd annual meeting of PIIVeC operational project (under CRID host institution), 13 April 2022, United Hotel Mbankomo, Cameroon Kanté Sartrien, Gustave Simo. 2022. Inventory of trypanosome infections and entomological data of tsetse flies in different sleeping sickness foci of Cameroon: implications in the vector control strategy. COMBATmeeting 13 & 14 September 2022, Special Mission for tsetse flies Eradication, Ngaoundéré, Cameroon. Cyrille Nguemnang Kamdem, Pythagore Soubgwi Fogue, Arnol Auvaker Zebaze Tiofack, Estelle Mezajou Mewamba, Hilaire Marcaire Womeni, Mathurin Koffi, Gustave Simo. 2022. Assessment of cetyl-trimethyl-ammonium bromide (CTAB) based method for the extraction of geo-helminth DNAs from stools for molecular diagnostic of geo-helminthiasis. 71th Annual Meeting of American Society of Tropical Medicine and Hygiene, October 30 – November 3, 2022, Seattle, WA, USA. Mengoue Tekeu EL, Tatang Atiokeng RJ, Simo G. 2022. Structure génétique des populations de schistosomes circulant chez l'homme, le bétail, et les escargots de l'arrondissement de Magba : Implication pour le contrôle de la Schistosomiase Humaine et Animale. 4^{èmes} journées scientifiques du département de Biochimie, 19 – 20 decembre 2022; Université de Dschang, Dschang, Cameroun. Simo G. 2022. Challenges in molecular biology research in Developing Countries. First German-Cameroon Workshop on Liquid biopsies for early diagnosis, surveillance and stratification of cancer low-income countries April 21st-23rd, 2022, DK Hotel, Douala, Cameroon.
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2023	andji Saah Marc B. et al., (19 et 20 mars 2024). Research in the Department of Biochemistry: Challenges for partnership with compagnies Co-chair des sessions scientifiques lors des huitièmes Journées des Sciences de la Vie (JSV 2023) sous le thème « Contribution of life sciences to the concept of One Health » tenues à l’Université de Dschang du 2 au 4 août 2023 Participation au séminaire de pédagogie Universitaire et table ronde sur le réarmement moral organisée par l’Université de Dschang. 13 - 14 Novembre 2023 Ndjang, M, M, N., Klang, J, M., Njapndounke, B., Foko, Ndinteh, T,D, Kayitesi,E, & Zambou, F, N, (2023, March 2), “Effect of fermentation time and varietal difference on the pasting properties and bread-making ability of cassava starch (<i>Manihot esculenta</i>) ”, Contribution de la femme à la progression de la science : enjeux et défis de l’innovation et de la tehnologie inclusive, Université de Dschang, Dschang, Cameroun (Communication Orale) Ndjang, N,M,M, Klang M,J, Mmutlane,M,E, Ndinteh ,T,D , Kayitesi,E & Zambou,N,F , (2023, April 18-20), “Effect of gum extracts on the textural and bread-making properties of a composite flour made from sour cassava starch (<i>Manihot esculenta</i>), peanut (<i>Arachis hypogaea</i>) and cowpea (<i>Vigna unguiculata</i>) flour”, Nutrition Congress Synergy &re-reconnection in diverse nutrition world (2023), Lord Charles Hotel, Somerset-West, Western Cape, South Africa (Communication poster), Ndjang,N,M,M , Klang M,J, Ndinteh ,T,D , Kayitesi,E , Zambou,N,F, (2023, May 30-June 1), “Effect of gum extracts on the textural and bread-making properties of a composite flour made from sour cassava starch (<i>Manihot esculenta</i>), peanut (<i>Arachis hypogaea</i>) and cowpea (<i>Vigna unguiculata</i>) flour”, International conference on formulations in food and healthcare (ICFFH) 2023, University of Birmingham, Birmingham, United Kingdom, England (Communication poster), Participation au Symposium sur la Recherche sur la Vitamine A au Cameroun lors de la deuxième édition de l’Université d’été en Nutrition organisée par Helen Keller International et la Faculté de Médecine et des Sciences Pharmaceutiques à l’Université de Dschang, 24 - 28 avril 2023 Participation à la Ière édition du symposium des femmes organisé par la Faculté des Sciences. Evaluation de la valeur nutritionnelle et de l’activité neuroprotectrice du mésocarpe de <i>Raphia hookeri</i>. Présentation orale. 02 - Mars 2023 Dr. Dandji Saah Marc B. et al., (22 et 23 février 2023). Contribution de la recherche du Département de Biochimie au rayonnement de l’Université de Dschang Dr. Dandji Saah Marc B. et al., (2023). Digitalisation et autres innovations dans la recherche et les enquêtes en Nutrition au Cameroun : Cas de la supplémentation en vitamine A » Université d’été - Dschang du 24 au 28 avril 2023. Helen Keller International (HELEN KELLER INTL) Magang K.M.E., Telleria J., Kamga N.R.M., Kuete V., Bart J-M., Simo G. 2023. Impact of two year vector control on trypanosomes transmission in domestic animal of Campo human African trypanosomiasis focus. Thirty sixth General Conference of the International Scientific Council for Trypanosomiasis Research and Control (ISCTRC) Magang K.M.E., Kamga N.R.M., Telleria J., Kaboré J., Jamonneau V., Rotureau B., Kuete V., Bart J-M., Simo G. 2023. Hidden reservoirs of trypanosomes: importance of one health concept for sleeping sickness elimination in sub-saharan africa. Eight life sciences conferences organized by the Cameroon Forum for Biological Sciences (CAFOBIOS). August, Dschang-Cameroon.
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	Djitia Lekeufack Merveille Gaëlle, Kouam Tchouade Wilfried Landry, Mewamba Mezajou Estelle, Fogue Soubgwi Pythagore, Kamdem Nguemnang Cyrille, Djuikwo Teukeng Félicité, Tiofack Zebaze Arnol Auvaker, Simo Gustave. 2023. Assessment of cross transmission <i>Ascaris</i> species in human and pigs and its implications for ascariasis control in Cameroon. Yaounde One Health Forum, 2-3 Novembre 2023 ; Hilton Hotel, Yaounde, Cameroon. Mewamba Mezajou Estelle, Magang Kemta Eugenie Melaine, Kamga Ndeffo Rolin Mitterran, Oumarou Farikou, Solano Philippe, Sophie Ravel, Gustave Simo. 2023. Detection of drug resistant/sensitive trypanosomes in tsetse flies caught at Yoko in the Centre region of Cameroon. Colloque international: Approches innovantes de lutte antivectorielle: place du microbiome. 29 et 30 2023; Institut Supérieur de Recherche Scientifique Medicale, Yaounde-Cameroun. Nwokam Olive Magrace, Massussi Anselme Jacques, Fogue Soubgwi Pythagore, Atangana Bitael, Mewamba Mezajou Estelle, Simo Gustave. 2023. Diversity of trypanosome species in wild tsetse flies from Binoum in the forest area of Littoral region of Cameroon. Colloque international: Approches innovantes de lutte antivectorielle: place du microbiome. 29 et 30 juin 2023; Institut Supérieur de Recherche Scientifique Medicale, Yaounde-Cameroun. Estelle Mezajou Mewamba, Darelle Bethanie Motia, Rachel Morgane Banga Diengue, Loic Edmond Tekeu Mengoue, Rostand Joel Atiokeng Tatang, Arnol Auvaker Zebaze Tiofack, Pythagore Soubgwi Fogue, Gustave Simo. 2023. Detection of <i>Schistosoma haematobium</i> cell-free DNA in urine samples stored on filter papers to improve the diagnostic of urinary schistosomiasis. 72nd Annual Meeting of American Society of Tropical Medicine and Hygiene; October 18 – 22, 2023, Chicago, IL, USA. Participation à la 30ème Edition de la Conférence Annuelle du Comité Camerounais de Biosciences sur la Nutrition sur le thème : “ Biosciences and the well-being of the community: Over 30 years of CBS at the service of Sciences, Development and Innovation ” qui s’est tenue à Bagangté au Cameroun du 28 novembre au 02 décembre 2023. Elle a été sanctionnée par une communication orale intitulée : “ Relation between quantitative descriptive analysis and textural analysis of boiled plantain”. Djitia Lekeufack Merveille Gaëlle, Mewamba Mezajou Estelle, Fogue Soubgwi Pythagore, Kamdem Nguemnang Cyrille, Tiofack Zebaze Arnol Auvaker, Simo Gustave. 2023. Assessment of the zoonotic transmission potential of <i>Ascaris</i> in human and pigs and its implications for ascariasis control in Makenene in the center region of Cameroon. 72nd Annual Meeting of American Society of Medicine and Hygiene: October 18 – 22, 2023, Chicago, IL, USA Cyrille Nguemnang Kamdem, Pythagore Soubgwi Fogue, Arnol Auvaker Zebaze Tiofack, Estelle Mezajou Mewamba, Hilaire Marcaire Womeni, Mathurin Koffi, Gustave Simo. 2023. Assessment of the capacity of whatman filter papers as support for storing stools for molecular diagnostic of soil-transmitted helminthiasis. 72nd Annual Meeting of American Society of Tropical Medicine and Hygiene: October 18 – 22, 2023, Chicago, IL, USA. Cyrille Nguemnang Kamdem, Pythagore Soubgwi Fogue, Arnol Auvaker Zebaze Tiofack, Estelle Mezajou Mewamba, Hilaire Marcaire Womeni, Mathurin Koffi, Gustave Simo. 2023. Fine mapping of <i>Ascaris lumbricoides</i>, <i>Trichuris trichiura</i> and hookworm infections in sub-districts of Makenene in Centre Region of Cameroon. 8th Life Sciences Conference of CAFOBIOB – JSV2023: August 02 – 04, Dschang, Cameroon. Kanté Sartrien, Gustave Simo. 2023. Screening of trypanosomes and feeding behaviour of tsetse flies in two dormant sleeping sickness foci of Cameroon: implications for the implementation of
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	vector control. Meeting 08 november 2023, GDRI – Sud Rolin Mitterran Ndefo Kamga, Jean-Mathieu Bart, Ferran Jorii, Gustave Simo. 2023. Projet Africam : Changement écologique dans la région forestière de Campo, Sud Cameroun: implication sur la dynamique de la transmission des maladies à caractères zoonotiques. Module de formation sur anticipation et prévention des risques sanitaires liés à la faune sauvage dans les pays du sud, 13-24 March 2023, Cirad Montpellier (Baillarguet), France Rolin Mitterran Ndefo Kamga, Nsani Clifford Ajim, Pythagore Fogue Sopgui, Gustave Simo, and Walt E Adamson. 2023. Seroprevalence of anti-SARS-CoV-2 and anti-Plasmodium antibodies in urban and rural zones in the west region of Cameroon. 8Th Life Science Conference; Cameroon Forum for Biological Sciences, August 3-4, 2023. University of Dschang-Cameroon: Quatrième Journée Scientifique de Biochimie (JSB 2023). La recherche au Département de Biochimie : Le défi pour le partenariat avec les entreprises. Microbiological quality of tofu sticks sold on the markets and analyses of the production process. Solefack N E. Guepi, Ronice Zokou, Giresse Teboukeu, Serge Ndomou, Hermann Kohole, Julie M. Klang, Bernard Tientcheu, Hilaire M. Womeni. 8ème Journées des Sciences de la Vie (JSV2023), 2 au 4 Août 2023, Université de Dschang Propriétés antioxydantes des hydrolysats protéiques de soja et effets sur l'oxydation de l'oléine de palme au cours de la friture des chips de plantain. Annick A. N. Pougoue, Hilaire M. Womeni, Mathilde J. Klang, Apollinaire Tsopmo. 8ème Journées des Sciences de la Vie (JSV2023), 2 au 4 Août 2023, Université de Dschang Optimisation de la production des poudres de safou ramolli et utilisation dans la formulation de quelques aliments. Mboukap Ntongme Alix., Klang Mathilde Julie., Womeni Hilaire Macaire. 8ème Journées des Sciences de la Vie (JSV2023), 2 au 4 Août 2023, Université de Dschang Effects of piper nigrum and conservation methods on the lipid quality of egussi pudding. Ronice Zokou, Hermann A. Kohole F, Annick A. Pougoue N, Archelle A. Abaoabo F, Raymond S. Mouokeu, Hilaire M. Womeni. 8ème Journées des Sciences de la Vie (JSV2023), 2 au 4 Août 2023, Université de Dschang Fine mapping of Ascaris lumbricoides, Trichuris trichiura and hookworm in sub-districts of Makenene in Centre Region of Cameroon. Cyrille Nguemnang K, Auvaker A. Zebaze T, Estelle Mezajou M, Esthellene Yangea T, Joël R. Atiokeng T, Edmond L. Tekeu M, Carole M. Tchami M, Pythagore Soubgwi F, Hilaire M. Womeni, Gustave Simo. 8ème Journées des Sciences de la Vie (JSV2023), 2 au 4 Août 2023, Université de Dschang. EDCTP Forum, Paris France, Nov 7-11, 2023 Grand Conférences de la faculté de Science, 2022-2023. Santé Mentale, Dschang. World Malaria Day Symposium, Dschang. April, 2023. Kenfack J. O., Tambo T. S., Dangang B. M., Foko K. M., Klang J. M., Zambou N. F. (2023). Effect of different varieties and fruit parts of <i>Sechium edule</i>, <i>Cucurbitaceae</i> on phytochemical, antioxidant, nutritional and in vitro antidiabetic properties. 8th Life Science Conference (JSV 2023), University of Dschang, Dschang, Cameroon, 2-4 August 2023. (Poster Communication). E.N. Solefack, B. Tientcheu, R. Zokou, C.T. Tiwo, A.H.F. Kohole, G. B. Teboukeu, S.H. Ndomou, F.D. Tonfack, J.M. Klang, M.H. Womeni. (2023). Microbiological Quality of Soy Cheese (Tofu) Skewers Sold in Some Local Markets of the West region of Cameroon, and Determination of Critical Control Points
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	during the Production Process. Poster presentation at the 4th edition of the scientific days of the Department of Biochemistry, University of Dschang. E.N. Solefack, B. Tiencheu, R. Zokou, C.T. Tiwo, A.H.F. Kohole, G. B. Teboukeu, S.H. Ndomou, F.D. Tonfack, J.M. Klang, M.H. Womeni. (2023). Microbiological Quality of Soy Cheese (Tofu) Skewers Sold in Some Local Markets of the West region of Cameroon, and Determination of Critical Control Points during the Production Process. Oral communication at the 29th Annual conference of the Cameroon Forum for Biological Science (CAFOBIOS). 2-4th August 2023. POUGOUE NGUEUKAM Annick Arcelle, KLANG Mathilde Julie, TSOPMO Apollinaire, WOMENI Hilaire Macaire. (2023). Propriétés antioxydante des hydrolysats protéiques de soja et effets sur l'oxydation de l'oléine de palme durant la friture des chips de plantain. Communication poster à la 4eme journée scientifique au Département de Biochimie à l'Université de Dschang. POUGOUE NGUEUKAM Annick Arcelle, KLANG Mathilde Julie, TSOPMO Apollinaire, WOMENI Hilaire Macaire. (2023). Propriétés antioxydantes des hydrolysats protéiques de soja et effets sur l'oxydation de l'oléine de palme durant la friture des chips de plantain. Communication orale à la 8eme conférence des sciences de la vie (JSV2023) organisée par la Cameroon Forum for Biological Sciences (CAFOBIOS) à l'Université de Dschang. MBOUKAP NTONGME Alix, KLANG Mathilde Julie et WOMENI Hilaire Macaire (2023). Optimisation de la production des biscuits à base de poudres de safou ramolli et de farine de manioc. 8ième conférence des Sciences de la Vie, organisée par le Cameroon Forum for Biological Sciences (CAFOBIOS) sur le thème : « Contribution of life sciences to the concept of "one health" ». 02-04 Août, 2023, Université de Dschang – Cameroun. MBOUKAP Ntongme Alix., KLANG Mathilde Julie., NJAPDOUNKE Bilkissou., NJANG NANGA Marie Madeleine NDOMOU Houketchang Serge Cyrille and WOMENI Hilaire Macaire (2023). Optimisation de la production de poudres de safou ramolli au cours du ramollissement naturel. Symposium sur le theme « Contribution de la femme à la progression de la science : enjeux et défis de l'innovation et de la technologie inclusive » organisé par la Faculté des Sciences de l'Université de Dschang le 02 Mars 2023. MBOUKAP Ntongme Alix., KLANG Mathilde Julie., NJAPDOUNKE Bilkissou., NJANG NANGA Marie Madeleine, NDOMOU Houketchang Serge Cyrille and WOMENI Hilaire Macaire (2024). Formulation de quelques aliments à base des poudres et tourteaux de safou ramollis (<i>Dacryodes edulis</i>). Journée Scientifique du Département de Biochimie (JSB) du 19-20 Mars 2024 à l'Université de Dschang sur le thème « La recherche au Département de Biochimie: Les défis pour le partenariat avec les entreprises ». Kenfack J. O., Dangang B. M., Foko K. M., Klang J. M., Zambou N. F. (2024). Effect of different varieties and fruit parts of <i>Sechium edule</i>, <i>Curcubitaceae</i> on phytochemical, antioxidant, nutritional and in vitro antidiabetic properties. 2ème édition du Symposium des femmes scientifiques de l'Université de Dschang. Dschang, Cameroun, 27 février 2024. (Communication Poster). Alex Blairio Tsopbeng Tsopzong, Mathilde Julie Klang, Phélix Bruno Téléfo. (2024). Screening of West Cameroonian food plant-based mucilage and binary blending of their powders for the production of improved protein-polysaccharide conjugates. Communication orale. "International conference on Interdisciplinarity, digitalization and technological advancement for sustainable development", September 27-28, 2023, Yaoundé-Cameroun.
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	POUGOUE NGUEUKAM Annick Arcelle, KLANG Mathilde Julie, TSOPMO Apollinaire, WOMENI Hilaire Macaire. (2023). Propriétés antioxydantes des hydrolysats protéiques de soja et effets sur l'oxydation de l'oléine de palme durant la friture des chips de plantain. Communication orale à la 8eme conférence des sciences de la vie (JSV2023) organisée par la Cameroon Forum for Biological Sciences (CAFOBIOS) à l'Université de Dschang. MBOUKAP NTONGME Alix, KLANG Mathilde Julie et WOMENI Hilaire Macaire (2023). Optimisation de la production des biscuits à base de poudres de safou ramolli et de farine de manioc. 8ième conférence des Sciences de la Vie, organisée par le Cameroon Forum for Biological Sciences (CAFOBIOS) sur le thème : « Contribution of life sciences to the concept of "one health" ». 02-04 Août, 2023, Université de Dschang – Cameroun. MBOUKAP Ntongme Alix., KLANG Mathilde Julie., NJAPDOUNKE Bilkissou., NJANG NANGA Marie Madeleine NDOMOU Houketchang Serge Cyrille and WOMENI Hilaire Macaire (2023). Optimisation de la production de poudres de safou ramolli au cours du ramollissement naturel. Symposium sur le theme « Contribution de la femme à la progression de la science : enjeux et défis de l'innovation et de la technologie inclusive » organisé par la Faculté des Sciences de l'Université de Dschang le 02 Mars 2023. E.N. Solefack, B. Tiencheu, R. Zokou, C.T. Tiwo, A.H.F. Kohole, G. B. Teboukeu, S.H. Ndomou, F.D. Tonfack, J.M. Klang, M.H.Womeni. (2023). Microbiological Quality of Soy Cheese (Tofu) Skewers Sold in Some Local Markets of the West region of Cameroon, and Determination of Critical Control Points during the Production Process. Oral communication at the 29th Annual conference of the Cameroon Forum for Biological Science (CAFOBIOS). 2-4th August 2023. POUGOUE NGUEUKAM Annick Arcelle, KLANG Mathilde Julie, TSOPMO Apollinaire, WOMENI Hilaire Macaire. (2023). Propriétés antioxydante des hydrolysats protéiques de soja et effets sur l'oxydation de l'oléine de palme durant la friture des chips de plantain. Communication poster à la 4eme journée scientifique au Département de Biochimie à l'Université de Dschang. Ndjang, M, M, N., Klang, J, M., Njapndounke, B., Foko, Ndinteh, T,D, Kayitesi,E, & Zambou, F, N, (2023, March 2), "Effect of fermentation time and varietal difference on the pasting properties and bread-making ability of cassava starch (<i>Manihot esculenta</i>) ", Contribution de la femme à la progression de la science : enjeux et défis de l'innovation et de la tehnologie inclusive, Université de Dschang, Dschang, Cameroun (Communication Orale) Ndjang, N,M,M, Klang M,J, Mmutlane,M,E, Ndinteh ,T,D , Kayitesi,E & Zambou,N,F , (2023, April 18-20), "Effect of gum extracts on the textural and bread-making properties of a composite flour made from sour cassava starch (<i>Manihot esculenta</i>), peanut (<i>Arachis hypogaea</i>) and cowpea (<i>Vigna unguiculata</i>) flour", Nutrition Congress Synergy &re-reconnection in diverse nutrition world (2023), Lord Charles Hotel, Somerset-West, Western Cape, South Africa (Communication poster), Ndjang,N,M,M , Klang M,J, Ndinteh ,T,D , Kayitesi,E , Zambou,N,F, (2023, May 30-June 1), "Effect of gum extracts on the textural and bread-making properties of a composite flour made from sour cassava starch (<i>Manihot esculenta</i>), peanut (<i>Arachis hypogaea</i>) and cowpea (<i>Vigna unguiculata</i>) flour", International conference on formulations in food and healthcare (ICFFH) 2023, University of Birmingham, Birmingham, United Kingdom, England (Communication poster), Kenfack J. O., Tambo T. S., Dangang B. M., Foko K. M., Klang J. M., Zambou N. F. (2023). Effect of different varieties and fruit parts of <i>Sechium edule</i>, <i>Curcubitaceae</i> on phytochemical, antioxidant, nutritional and in vitro antidiabetic properties. 8th Life Science Conference (JSV 2023), University of Dschang, Dschang, Cameroon, 2-4 August 2023. (Poster Communication).
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	E.N. Solefack, B. Tiencheu, R. Zokou, C.T. Tiwo, A.H.F. Kohole, G. B. Teboukeu, S.H. Ndomou, F.D. Tonfack, J.M. Klang, M.H. Womeni. (2023). Microbiological Quality of Soy Cheese (Tofu) Skewers Sold in Some Local Markets of the West region of Cameroon, and Determination of Critical Control Points during the Production Process. Poster presentation at the 4th edition of the scientific days of the Department of Biochemistry, University of Dschang. 10th European Developing Countries Clinical Trials Partnership Forum, Online mode, Organised by EDCTP of the European Union. Applied Bioinformatics and Public Health Microbiology Conference, Online Mode. Organised by Wellcome Conferences, UK. 28th Cameroon Bioscience Society Annual Conference,
2022	International Online Webinar on the “ Newborn screening of Sickle cell anemia in Africa”, “ American Society of Hematology’s Sickle Cell Disease, Efforts in Sub-saharan Africa” February 17, 2022, 14 CAT International <i>Online Webinar</i> sur l’historique de la drépanocytose et les avancées, FIFDA 2022 “ Forum international Francophone sur la drépanocytose en pays Africain” 03 Juin, 2022, 8h30 CAT 4^{ème} congrès sur la drépanocytose au Cameroun : « 10 ans d’engagement dans la lutte contre la drépanocytose : quel impact. Présentation orale : 29 Juin 2022, Salle CNPS Yaoundé, Cameroun Microbiome Interactions in Health and Disease 2022 Conference. Organised by Wellcome Connecting Science at Wellcome Genome Campus, Hinxton, Cambridge, UK. Virtual Attendance Njateng GSS . 14 and 15 June 2022. International Workshop and Exhibition on “Research Commercialization: Challenges and Opportunities” . Islamabad, Pakistan. Participant. Njateng GSS .24 and 25 August, 2022 International Conference on Research Advancements in Chemistry. Islamabad, Pakistan. Oral presentation. Njateng GSS. 23 and 24 September, 2022. IPVS Satellite Symposium on “Human Papillomavirus and Cervical Cancer” and International Symposium on Excellence in Science (ISES). ICCBS, Karachi-Pakistan. Participant. Synthetic Biology for Future Health Conference. Organised by Wellcome Connecting Science at Wellcome Genome Campus, Hinxton, Cambridge, UK. Virtual Attendance Ethical and Regulatory Aspects of Clinical Research Course 2022 Session” organised by by AVAREF and MRCT Center from the 15th September 2022 to the 24th November 2022. African Vaccine Regulatory Forum (AVAREF) and the Multi-Regional Clinical Trials Center of Brigham and Hospital and Havard (MRCT Center) Training for Ethics Review of Clinical Research: A virtual Training Course for Africa” organised by by AVAREF and MRCT Center from the 22nd March 2022 to the 14th April 2022. Stratégie d’amélioration de la situation nutritionnelle des bénéficiaires des projets : Examen du Projet d’Appui au Développement des Filières Agricoles phase II (PADFA II) KOUEBOU Christian, NDOMOU HOUKETCHANG Serge Cyrille, MAFFO TAZOHO Ghislain, FOKO KOUAM Edith Marius, TEBOUKEU BOUNGO Gires, MOMO KENFACK Chancel Hector, KOHOLE FOFHE Hermann Arantes, NGO SAK Patricia, ZAMBOU NGOUFACK François, WOMENI Hilaire Macaire,

	MARIGOH BOUQUET Hélène 29th Annual conference of the Cameroon Biosciences Society, Yaounde, 1-3rd December 2022. des bonnes pratiques de transformation locale du riz et de l'oignon dans les Régions de l'Extrême-Nord et du Nord Cameroun KOUEBOU Christiant, WOMENI Hilaire Macaire, ILOUGA ILOUGA, NGO SAK Patricia, MARIGOH BOUQUET Hélène 29th Annual conference of the Cameroon Biosciences Society, Yaounde, 1-3rd December 2022 International Online Webinar on the “ Newborn screening of Sick cell anemia in Africa”, “ American Society of Hematology’s Sick Cell Disease, Efforts in Sub-saharan Africa” February 17, 2022, 14 CAT International <i>Online Webinar</i> sur l’historique de la drépanocytose et les avancées, FIFDA 2022 “ Forum international Francophone sur la drépanocytose en pays Africain” 03 Juin, 2022, 8h30 CAT 4^{ème} congrès sur la drépanocytose au Cameroun : « 10 ans d’engagement dans la lutte contre la drépanocytose : quel impact. Présentation orale : 29 Juin 2022, Salle CNPS Yaoundé, Cameroun
2021	Ndjang, M, M, N., Klang, J, M., Njapndounke, B., & Zambou, F, N, (2021, 30 Nov-4 Dec), Optimization of the Processing Conditions for the Production of a Gluten-Free Bread from Sour Cassava Starch (<i>Manihot esculenta</i>) and Some Legumes (<i>Arachis hypogaea</i>, <i>Vigna unguiculata</i> and <i>Glycine max</i>), 28th annual Conference of the Cameroon Biosciences Society, Engaging Biosciences for a green and performing Economy, Université de Dschang, Dschang Cameroun (Communication Orale). Participation in the Department of Biochemistry 3rd Scientific days (JSB) 2021 titled “La recherche au Département de Biochimie de l’Université de Dschang : Quelle contribution à l’atteinte des objectifs de la Stratégie Nationale de Développement 2020-2030 (SND 30) du Cameroun ?” Tsopbeng Tsopzong, A. B., Klang, M. J. & Téléfo, P. B. (2021). Extraction et Caractérisation des gommes hydrocolloïdes de quelques plantes alimentaires de l’Ouest-Cameroun. Communication orale à la 28^{ème} conférence annuelle du Forum Camerounais de Biosciences, CCB 2021, 30 Novembre – 04 Décembre Study of sweetpotato amylases: partial purification and characterization. Julie Mathilde Klang., Stephano Tambo Tene., Carine Laure Jagni Noumey., Hilaire Macaire Womeni. 2nd International Webinar on Food Science and Nutrition” September 23rd, 2021. Which food to adopt in Africa during and after the COVID 19 pandemic? Hilaire Macaire Womeni Dschang Humboldt Kolleg 2021, Dschang, October 20 – 22nd 2021. Physicochemical characteristics and antibacterial activity of cooked and dried <i>Lutjanus dentatus</i> (Dumeril, 1860) oils Simo Nouts Boris, Deutchoua Djitieu Arlette Danelle, Zokou Ronice, Njike Ngamga Fabrice Hervé, Mouokeu Simplice, Tchoumbougnang François, Womeni Hilaire Macaire LOREXP-2021 1st International Conference: Value Chains and Integral Transformation of Local Resources, pp. 327–339, LOREXP, Ngaoundéré, Cameroon, November 2021. Effect of palm olein supplemented with old Cameroonian green leave tea extract on lipid profile and some hematological parameters on rat during frying. Loungaing Demgne Valerie, Fabrice Tonfack Djikeng, Gires Boungo Teboukeu and Hilaire Macaire Womeni LOREXP-2021 1st International Conference: Value Chains and Integral Transformation of Local Resources,

	pp. 400–410, LOREXP, Ngaoundéré, Cameroon, November 2021. Microbiological Quality of Egusi Pudding, A Traditional Cake of Cucurbitaceae Sold in the City of Yaoundé, Cameroon. Ronice Zokou, Hippolyte Tene Mouafo, Noutsu Boris Simo, Julie Mathilde Klang, Raymond Simplic Mouokeu and Hilaire Macaire Womeni. LOREXP-2021 1st International Conference: Value Chains and Integral Transformation of Local Resources, pp. 411–425, LOREXP, Ngaoundéré, Cameroon, November 2021. Kamga Rolin, Silatasa Barbérine Kuate Jules-Roger and Simo Gustave. 2019. Seroprevalence of <i>Brucella</i> Antibodies and Risk Factors Associated with Human Brucellosis in High-Risk Occupational Groups of the Noun Division in the West Region of Cameroon. 7th Life Science Conference; Cameroon Forum for Biological Sciences, August 12-13, 2021 University of Dschang-Cameroon: Mewamba Mezajou Estelle, Magang Kemta Eugénie Melaine, Kamga Ndeffo Rolin Mitterran, Oumarou Farikou, Solano Philippe, Sophie Ravel, Gustave Simo. 2021. Trypanocidal resistance of trypanosomes circulating in tse-tse flies caught in Yoko in the Centre region of Cameroon. Cameroon Biosciences Society. 30th November-04th December 2021: University of Dschang, Dschang, Cameroon Ndjang, M, M, N., Klang, J, M., Njapndounke, B., & Zambou, F, N, (2021, 30 Nov-4 Dec), Optimization of the Processing Conditions for the Production of a Gluten-Free Bread from Sour Cassava Starch (<i>Manihot esculenta</i>) and Some Legumes (<i>Arachis hypogaea</i>, <i>Vigna unguiculata</i> and <i>Glycine max</i>), 28th annual Conference of the Cameroon Biosciences Society, Engaging Biosciences for a green and performing Economy, Université de Dschang, Dschang Cameroun (Communication Orale). Tsopbeng Tsopzong, A. B., Klang, M. J. & Téléfo, P. B. (2021). Extraction et Caractérisation des gommages hydrocolloïdes de quelques plantes alimentaires de l'Ouest-Cameroun. Communication orale à la 28^{ème} conférence annuelle du Forum Camerounais de Biosciences, CCB 2021, 30 Novembre – 04 Décembre. Estelle Mezajou Mewamba, Arnol Auvaker Zebaze Tiofack, Cyrille Nguemnang Kamdem, Esthellène Tchounkeu Yangea, Atiokeng Tatang Rostand Joël, Mureille Carole Tchami Mbagnia, Hilaire Marcaire Womeni, Flobert Njiokou, Gustave Simo. 2021. Identification of areas with potentially high risk transmission of <i>Schistosoma mansoni</i> infections in Makenene in the Centre region of Cameroon. Cameroon Forum for Biological Sciences. 12-13 August 2021: University of Dschang, Dschang, Cameroon. Magang KME., Kamga NRM, Nkoro GA, Kuete V, Rotureau B, Bart JM, Simo G. 2021. A pilot study in the Human African Trypanosomiasis focus of Campo, southern Cameroon, highlights the skin as a reservoir for trypanosome infections. 6th annual international remote conferences, Sciences and Society organize by the University of Toronto. February 21-27, 2021; online. Magang KME, Kamga NRM, Nkoro GA, Kuete V, Rotureau B, Bart JM, Simo G. 2021. Epidemiological implication of hidden reservoir of <i>Trypanosoma brucei gambiense</i> for sleeping sickness elimination in Campo and Bipindi foci in Southern Cameroon. Third Scientific Days of the Department of Biochemistry at the post graduate school of the University of Dschang. Cyrille Nguemnang Kamdem, Pythagore Soubgwi Fogue, Arnol Auvaker Zebaze Tiofack, Estelle Mezajou Mewamba, Hilaire Marcaire Womeni, Mathurin Koffi, Gustave Simo. 2021. Whatman standard filter paper: support to preserve DNA in stool for molecular diagnosis of <i>Ascaris lumbricoides</i> infections. 3^{ème} Journée Scientifique du Département de Biochimie, November 25-26, 2021, Dschang, Cameroon.
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	Kamga Rolin, Silatasa Barbérine Kuiate Jules-Roger and Simo Gustave. 2021. Animal and human brucellosis in the Noun, West Region of Cameroon: A call of the implementation of the ‘One Health’ Approach as a control strategy for the disease. Humboldt Kolleg, October 20-22, 2021, Dschang, Cameroon: International Online Webinar on “Liver sensitive drugs designing and formulation, December 5, 2021, 14-16 CET, IAS (International Association of Scientists) International Fair for Young Africa Researcher, 2020, Yaoundé. Presentation title: Ethnobotanical study of the medicinal plants used in the treatment of sickle cell anemia in some localities in the West region of Cameroon
2020	Participation in “initiation seminar in university pedagogic “,12-13 October, 2020 Tiofack, Z. A. A., Ofon, E. A., Dina bell, E., Kamla, C. M., Tchamfong, R., Lueong, S. & Simo, G. 2020. Association between polymorphisms of SNPs located at the 3’- Untranslated Region of SET8 and codon 72 of the TP53 with breast cancer among Cameroonian women. <i>Journée scientifique du Département de Biochimie</i>, November 2020, Dschang Cameroon. Kamga R., Silatasa B., Magang E., Kuiate J.R. and Simo G. 2020. Detection of Brucella antibodies and Brucella spp among high-risk occupational groups of people: Implication for the designing of brucellosis control measures in Cameroon. Scientific days of Biochemistry, 3-4 December 2020, Dschang Cameroon. Cyrille Nguemnang Kamdem, Pythagore Soubgwi Fogue, Arnol Auvaker Zebaze Tiofack, Estelle Mezajou Mewamba, Hilaire Marcaire Womeni, Mathurin Koffi, Gustave Simo. 2020. Mise en place d’une méthode de diagnostic moléculaire pour détecter et identifier les helminthes transmis par le sol. 2^{ème} Journée Scientifique du Département de Biochimie, December 3-4, 2020, Dschang, Cameroon. Tiofack ZAA, Ofon EA, Dina-Bell E, Kamla KC, Tchamfong R, Lueong S, Simo G. 2020. Association between Polymorphisms of SNPs Located at the 3’-Untranslated Region of SET8 and Codon 72 of the TP53 with Breast Cancer among Cameroonian Women. Scientific days of Biochemistry, 3-4 December 2020, Dschang Cameroon. Kamga Rolin, Silatasa Barbérine Kuiate Jules-Roger and Simo Gustave. 2020. Detection of <i>Brucella</i> antibodies and <i>Brucella</i> spp among high-risk occupational groups of people: Implication for the designing of brucellosis control measures in Cameroon. 2^{ème} Journée Scientifique du Département de Biochimie, December 3-4, 2020 Dschang, Cameroon. Magang KME, Kamga NRM, Nkoro GA, Kuete V, Rotureau B, Bart JM, Simo G. 2020. Role of skin as a new niche for trypanosomes infections: a pilot study in HAT focus of Campo in Southern Cameroon. Second Scientific Days of the Department of Biochemistry at the post graduate school of the University of Dschang Cinquième Journée des Sciences de la Vie (JSV2020) Organisée à l’Université de Dschang par le Cameroon Forum of Biochemistry. Deuxième Journée Scientifique de Biochimie (JSB 2021). La recherche au Département de Biochimie de l’Université de Dschang: Quelle contribution à l’atteinte des Objectifs de la stratégie nationale du Développement 2020 – 2030 (SND 30) du Cameroun. Participation in the “RTBfoods 2020 Annual Meeting” held in Kampala, Uganda from February 3-7, 2020, with an oral communication entitled « Year 3 partner report on boiled plantain product profile ».

	Première Journée Scientifique de Biochimie (JSB 2020). Une saine emulation entre les chercheurs du Département de Biochimie comme gage de leur engagement au développement harmonieux du Cameroun. Optimization of the fluidizing and sweetening capacity of Atp germinated corn flour. Tambo T. Stephano., Klang Julie Mathilde., Womeni Hilaire Macaire. “International Webinar on Food Science and Nutrition” December 03-05, 2020 International Fair for Young Africa Researcher, 2020, Yaoundé. Presentation title: <i>Ethnobotanical study of the medicinal plants used in the treatment of sickle cell anemia in some localities in the West region of Cameroon</i>
2019	Magang K.M.E. Kamga N.R.M., Nkoro G.A., Kuete V., Rotureau B., Bart J-M., Simo G. (2019). Investigaion on hidden reservoir of <i>Trypanosoma brucei gambiense</i>: impact and epidemiological implications for sleeping sickness elimination in Central Africa. First Scientific Days of the Department of Biochemistry at the post graduate school of the University of Dschang Joël Vourchakbé, Arnol Auvaker Z. Tiofack, Mpoame Mbida, Gustave Simo. 2019. Klang Mathilde Julie., Tambo Tene Stephano., Teboukeu Boungo Gires., Nguemguo Kalamo Leonie Gaytane., Wouatidem-Nanfack Sylvanie-Linda., Matueno Kamdem Fabiola Elsa., Womeni Hilaire Macaire. (2019). Effet du blanchiment sur les propriétés physico-chimiques, fonctionnelles et rhéologiques des farines de trois variétés de pommes de terre (<i>Cipira</i>, <i>Pamela</i> and <i>Dosa</i>) : application de ces farines dans la préparation des bouillies de sevrage. Conférence National du Chapitre Camerounais de l'Organisation des Femmes Scientifiques des Pays en Voie de Développement, 17-18 Décembre 2019, Université de Yaoundé I, Yaoundé, Cameroun Trypanosome infections in naturally infected horses and donkeys of three active sleeping sickness foci in the south of Chad. Neglected Tropical Disease (NTD). Tenue à Nairobi du 04 au 06 décembre 2019. Magang K. Eugénie, Mewamba M. Estelle, Farikou Oumarou, Kamga N. Mitteran, Simo Gustave. 2019. Targeting vector control of animal trypanosomiasis by identifying drug-resistant trypanosomes in tsetse flies. 6th annual PAMCA Conference and Exhibition. 23-26 September 2019. Yaoundé, Cameroon. Vourchakbe J., Koffi M. et Simo G. 2019. Investigations sur le réservoir animal de la trypanosomiase humaine africaine dans les foyers actifs du Tchad : Implications dans les stratégies de lutte contre cette maladie, 6th annual PAMCA Conference and Exhibition. 23-26 September 2019. Yaoundé, Cameroon. Participation in the “RTBfoods 2019 Annual Meeting” held in Abuja, Nigeria from March 21-27, 2019, with an oral communication entitled « Year 2 partner report on boiled plantain product profile ». Présentation : <i>Effects of Spirulina platensis on the immune status, anti-inflammatory and oxidative markers in HIV patients on antiretroviral therapy in Cameroon</i>. Avril 2019, Prague, République CZECH. Ama Moor Vicky Jocelyne et al., Med Chem 2019, Volume 09 DOI: 10.4172/2161-0444-C1-048 Conférence internationale sur le contrôle de la qualité et la technologie appliquée aux plantes médicinales, Fédération herboristes italiens (FEI), Avril 2019, Rome, Italie, rôle: Membre de l'équipe des chercheurs exposant sur les analyses phytochimiques et le contrôle de qualité du cacao, Rome Italie.

DEPARTEMENT DE BIOLOGIE VEGETALE

	Klang Mathilde Julie., Tambo Tene Stephano., Teboukeu Boungo Gires., Nguemguo Kalamo Leonie Gaytane., Wouatidem-Nanfack Sylvanie-Linda., Matueno Kamdem Fabiola Elsa., Womeni Hilaire Macaire. (2019). Effet du blanchiment sur les propriétés physico-chimiques, fonctionnelles et rhéologiques des farines de trois variétés de pommes de terre (Cipira, Pamela and Dosa) : application de ces farines dans la préparation des bouillies de sevrage. Conférence National du Chapitre Camerounais de l'Organisation des Femmes Scientifiques des Pays en Voie de Développement, 17-18 Décembre 2019, Université de Yaoundé I, Yaoundé, Cameroun. Présentation : <i>Effects of Spirulina platensis on the immune status, anti-inflammatory and oxidative markers in HIV patients on antiretroviral therapy in Cameroon</i>. Avril 2019, Prague, République CZECH. Ama Moor Vicky Jocelyne et al., Med Chem 2019, Volume 09DOI: 10.4172/2161-0444-C1-048 Conférence internationale sur le contrôle de la qualité et la technologie appliquée aux plantes médicinales, Fédération herboristes italiens (FEI), Avril 2019, Rome, Italie, rôle: Membre du l'équipe des chercheurs exposant sur les analyses phytochimiques et le contrôle de qualité du cacao, Rome - Italie.
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III- Organisation des congrès, colloques et conférences scientifiques

Année	Organisation des congrès, colloques et conférences scientifiques
2023	Quatrième Journée Scientifique de Biochimie (JSB 2023). La recherche au Département de Biochimie: Le défi pour le partenariat avec les entreprises.
2022	Troisième Journée Scientifique de Biochimie (JSB 2022). Contribution de la Recherche au Département Biochimie au rayonnement de l'Université de Dschang.
2021	Deuxième Journée Scientifique de Biochimie (JSB 2021). La recherche au Département de Biochimie de l'Université de Dschang: Quelle contribution à l'atteinte des Objectifs de la stratégie nationale du Développement 2020 – 2030 (SND 30) du Cameroun.
2020	Première Journée Scientifique de Biochimie (JSB 2020). Une saine emulation entre les chercheurs du Département de Biochimie comme gage de leur engagement au développement harmonieux du Cameroun.

3-Département de Biologie Végétale

Année	Publications Scientifiques
2024	1. Fotsa T.J.M., Lekeufack M., Edzigui T. M.L., Fowoung D., Manekeu T.A.E., Chimi D.A., Fonkou T., 2024. Growth and yield responses of Okra (<i>Abelmoschus esculentus</i>) grown on soil amended with dewatered domestic sewage sludge in the west of Cameroon. <i>European Journal of Applied Sciences</i> 12(1) pp? 2. Fouedjio C., A. , Djumyom Wafo G. V., Jeuke Ngougne U. I., Ayo, AYO A., Nounja Zuitcho M., Nana Ndangang, J.J.; Atabong Agendia, P. , Youmbi, E. Assessment of operational efficiency of a low-cost tubular digester for pig manure in the urban areas of Yaoundé. Accepted in Anaerobe
2023	3. Agyingi L. A., Keute K. E., Maah R. N., 2023: Prevalence and severity of Sigatoka disease of Banana in Cameroon. <i>South Asian Journal of Research in Microbiology</i>: Vol.15, Issue 4, pg 10-18; article No. SAJRM. 98515 ISSN: 2582-1989. 4. Agyingi L. A., Maah R. N., Keute K. E., 2023: Antibacterial activities of <i>Euphorbia hirta</i> and <i>Lantana camara</i> extracts on the growth of some bacteria that causes banana plant diseases.

Journal of experimental agriculture International: **vol.45**, issue 12, page 36-4. Article No JEAL. 108290 ISSN: 2457-0591.

5. **Anoumaa, M.**, Kouam, E. B., **Kanmegne, G.**, Kamga, Y. B., Djomo H. S., Chimi Nkombo, L.L and **Fonkou, T.**, 2023. Phenotypic variation and genetic divergence studies in Cameroonian potato (*Solanum tuberosum* L.) genotypes. *Journal of applied Biology and Biotechnology*, **Volume 11**, Issue 1, January, DOI: 10.7324/JABB.2023.110130
6. Anoumaa M, Kouam EB, Kanmegne G, Kamga YB, Djomo SH, Chimi Nkombo C. L. L., Fonkou T., 2023. Phenotypic variation and genetic divergence studies in Cameroonian potato (*Solanum tuberosum* L.) genotypes. *Journal of Applied Biology & Biotechnology*, **11**(01): 210-221. DOI: 10.7324/JABB.2023.110130
7. Djoufack Tonfack MM, Kouam EB, Kouam Foko EM, Anoumaa M, Lontsi Meli GR, Kaktcham PM and Zambou Ngoufack F., 2024. Determinants and constraints of carrot (*Daucus carota* L.) production and marketing in Cameroon. *Plos One*. **Vol 19**, issue 1 e0296418, 21p.
8. Douandji Douandji F. M., Njie Ndumbe, L., Kamga, Y. B., Verina J. I. and Nguetsop V. F., 2023. Socio-economic and ethnobotanic characteristics of Plant use in Mount Nlonako, Cameroon. *Journal of Medicinal Plants Studies*, **11** (6): 48-60 . DOI: <https://doi.org/10.22271/plants.2023.v11.i6a>.
9. Edzigui T. M. L., Lekeufack M., Fotsa Tiwa, J. M., Fowoung D., Manekeu Tanetsa A. E., Tsetagho G. N., Chimi A D., Fonkou T., 2023., [Effects of combined mineral and sewage sludge fertilization on soil properties and growth of two Zeamays \(L.\) varieties in Western Highlands of Cameroon.](#) *Cam. J. Exp. Biol*, Vol. **17**, No. 1 (2023) 23-32.
10. Feudjio Fogang L., Tiomo I F., Kamga Y. B., Mounmemi Kpoumie H., Armand Delanot Tanougong Nkondjoua D. A., Nguetsop V. F., Zapfack L., 2023. Predicting land use/land cover changes in the Santchou Wildlife Reserve (Santchou, West-Cameroon) using a CA-Markov model. *Trees, Forests and People*, **14**, 100438. doi.org/10.1016/j.tfp.2023.100438
11. Fomekong, Tané. A. B., Momo Solefack. M. C., Mendi A. G., Wouokoué Taffo J. B., Kenfack Feukeng, S. S., Dong Etchiké, A. B., Djeuni R. D., Kengne O. C., 2023. Diversité ligneuse et stock de carbone des systèmes agroforestiers à base de cacaoyers de la localité de Makénéné, Région du Centre Cameroun. *Cameroon Journal of Experimental Biology*, **Vol. 17**, N°02, 32-39.
12. Kanmegne G., Mbibong DA., 2023. Vegetative propagation of *Xylopia parviflora*, a wild medicinal spice species in the tropics: insights for domestication. *Journal of Applied Biosciences*, **Vol 181**, pp. 18891-18900.
13. Kenfack C. P., Sonkoué Njiméli, P., Djeuga Youga. M. K, TeresP., AvanaM. L., Fonkou, T., 2023. [Propagation, development phases and domestication of *Cyperus rotundus* L. in the Western Highlands of Cameroon](#) *Cam. J. Exp. Biol*, **Vol. 17** No. 1 (2023) 16-22
14. Kenne Tene .L., Momo Solefack .M.C., Tanougong D.A., Dong Etchiké, A. B., Monthe S. R., Tchokomeni, A. 2023. Analysis of the dynamics of vegetation cover and Land use in forest management unit 00-004 and its surroundings on the coast of Cameroon. *Anuario do instituto de Geoeincias, Universidade Federal do Rio de Janeiro*. **Vol ? pp??**
15. Kouam EB, Kamga-Fotso AMA and Anoumaa M., 2023. Exploring agro-morphological profiles of *Phaseolus vulgaris* germplasm shows manifest diversity and opportunities for genetic improvement. *Journal of Agriculture and Food Research*, **Vol 14**, 100772, 9p.
16. Lekeufack M., Fowoung D., Djumyom Wafo G. V., Djousse Kanouo B. M., Fonkou T. Growth characteristics and yield of *Helianthus annuus* grown with sewage sludge and sewage from primary treatment in a domestic sewage treatment system in Dschang – Cameroon in the *Global Journal of Science Frontier Research*, **in Press**.
17. Manju E.B., Mbong G.A., Kohongong S.M., Tonjock R., 2023: Effect of angular leaf spot disease on bean inter-cropped maize in Foubot and Bambili, Cameroon. *Journal of the Cameroon Academy of Sciences*, **19**(2), 209-220.

18. Kalsane D. B., Firta M. I., Momo Solefack. M. C., Dongock N. D., 2023. Technical Characteristics and SocioEconomic Importance of Beekeeping in the Far North Region, Cameroon. *Asian Journal of Biology* **19** (3) : 57-72.
19. Mboussi S, Heu A , Kone Nsangou A.N, Ngoh Dooch J.P., Ambang Z., 2023. *In vitro* evaluation of the antifungal activity of essential oils of *Thymus vulgaris* and *Cymbogom citratus* on some strains of *Sclerotonia sclerotiorum*, agent responsible for white rot of beans. *Agricultura Sciences*, **14**,1068-1086
20. Ndah N R., Lucha C. F. B, Nsa'alah A. F., 2023. Shade tree composition, structure and management in Cocoa Agroforestry Systems in Kumba South West Region, Cameroon. *International Journal of Forestry and Horticulture*, **9** (1): 1-17. ISSN No. (Online) 2454–9487 DOI: <http://dx.doi.org/10.20431/2454-9487.0901001> www.arcjournals.org
21. Ndah N R., Taku J, Lucha C. F. B. and Chaifie K M., 2023. Non-Timber Forest Products: Constraints and Prospects in Rainforest Communities in Nguti Sub-division, South West Region, Cameroon. *Global Research in Environment and Sustainability*. **1**(6): 01-19. <https://hspublishing.org/GRES/article/view/163>
22. Ndah N. R., Ekole P. N., Agwa M. H., Taku J., Lucha C. F. B and Agbor, D.T, 2023. Crop Diversification and Sustainability in cocoa agroforestry system in Meme Division, South West Region, Cameroon, *Asian Journal of Research in Agriculture and Forestry*, **9** (2) : 1-15. Article No AJRAF.95971.ISSN/ -2581-7418.
23. Ngeugang Fomekong. F. A., Avana M. L., Bikomo R. and Dong Etchiké. A. B., 2023. Savoirs et usages locaux de *Scorodophloeus zenkeri* Harms (Fabaceae) et *Afrostryax Lepidophyllus* Mildbr (Huaceae) en zone forestière et savane humide au Cameroun. *International Journal of Advanced Research (IJAR)*, **11**(07), 1194-1204, 11p.
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Participation aux congrès, colloques et conférences scientifiques

Année	Participation aux congrès, colloques et conférences scientifiques
2023	1. Fonkou, Lekeufack, Djumyom, Tiokeng, Momo et al, 2023. Organizer and participant at the JSV2023 conference organized on the 2 nd -4 th of August 2023 in the University of Dschang by the Cameroon Forum for Biological Sciences (CAFOBIOS) on the Theme: Contribution of Life Sciences to the One Health Concept`
2019	1. Agyingi Lucy, 2019: Speaker at a conference in Limbe with Theme ``Patients safety`` at the ESTHER Continuing Medical Education Workshop May 22nd May 24: "Patient and health providers in a context of socio political crisis". Under the patronage of the ministry of public health Cameroon, Organized by: Regional Hospital Limbe, South West Region, Regional hospital Bamenda North West Region Cameroon and Regional Hospital Kinda-Guinea and University of Rostock Germany. 2. Agyingi Lucy, 2019: : Workshop Coordinator and facilitator, in training of Laboratory Technicians in the Center Region of Cameroon, on the theme Laboratory quality Management and its Impact on HIV/ AIDS diagnosis; from 27th -29th August 2019; conference hall Medical diagnostic center Yaoundé, sponsored by New York University school of Medicine, USA. 3. Agyingi Lucy, 2019 : Workshop coordinator and facilitator, in training of Laboratory technicians in the Center Region of Cameroon on the theme: Improving clinical and Lab management of HIV and Opportunistic Infections; 8th - 10th October 2019, at the conference hall of Medical diagnostic Center Yaoundé Sponsored by New York University school of Medicine, USA. 4. Agyingi Lucy, 2019: Workshop coordinator and facilitator for in-service training of Medical Doctors in the Center Region of Cameroon on the theme: Monitoring of HIV infected patients on ART; from 25th -26th November 2019 at the conference hall of Medical Diagnostic Center Yaoundé, sponsored by New York University school of Medicine, USA

DEPARTEMENT DE CHIMIE

5. **Fonkou Théophile, Lekeufack Martin, et CAFOBIOs, 2019.** Workshop organized by CAFOBIOs at Tockem in Bafou on April 30th 2019 on the following themes:

4-DEPARTEMENT DE CHIMIE

Année	
	-Publications Scientifiques
2019	1-Ponou B. K., Teponno, R. B., Tapondjou, A. L., Lacaille-Dubois, M.-A., Quassinti L., Bramucci M., Barboni L. 2019. Steroidal saponins from the aerial parts of <i>Cordyline fruticosa</i> L. var. <i>strawberries</i>. <i>Fitoterapia</i> 134, 454-458. 2-Narmani, A., Teponno, R.B., Helaly, S., Mahdi, A., Stadler, M., (2019). Cytotoxic, anti-biofilm and antimicrobial polyketides from the plant associated fungus <i>Chaetosphaeronema achilleae</i>. <i>Fitoterapia</i> 139, https://doi.org/10.1016/j.fitote.2019.104390. 3-Kianfe, B.Y., Teponno, R.B., Kuhlborn, J., Tchuenguem, R.T., Ponou, B.K., Helaly, S., Dzoyem, J.P., Opatz, T., Tapondjou, A.L., (2019). Flavans and other chemical constituents of <i>Crinum biflorum</i> (Amaryllidaceae). <i>Biochemical Systematics and Ecology</i> 87, https://doi.org/10.1016/j.bse.2019.103953. 4-Kayangar, M., Ngansop Nono, R.N., Kuhlborn, J., Tchuenguem, R., Ponou, B.K., Jenett-Siems, K., Teponno, R.B., Dzoyem, J.P., Opatz, T., Melzig M.F., Tapondjou, A.L., (2019). A new ursane-type triterpene oxoglucopyranoside from <i>Crossopteryx febrifuga</i>, <i>Z. Naturforsch.</i> https://doi.org/10.1515/znc-2019-0113. 5-Narmani, A., Teponno, R.B., Arzanlou, M., Surup, F., Helaly, S.E., Wittste, K., Praditya, D.F., Babai-Ahari, A., Steinmann, E., Stadler, M., 2019. Cytotoxic, antimicrobial and antiviral secondary metabolites produced by the plant pathogenic fungus <i>Cytospora</i> sp. CCTU A309. <i>Fitoterapia</i> 134, 314–322. 6-Tchinda CF, Sonfack G, Simo IK, Çelik İ, Voukeng IK, Nganou KB, Bitchagno MGT, Ekti SF, Tene M, Tane P, Beng PV, Kuete V, (2019). Antibacterial and antibiotic-modifying activities of fractions and compounds from <i>Albizia adianthifolia</i> against MDR Gram negative enteric bacteria. <i>BMC Complementary and Alternative Medicine</i> 19:120 (11 pages). 7-Sonfack G, Tchinda CF, Simo IK, Bitchagno MGT, Nganou BK, Çelik İ, Tene M, Ekti SF, Opatz T, Beng PV, Kuete V, Tane P, (2019). Saponin with antibacterial activity from the roots of <i>Albizia adianthifolia</i>. <i>Natural Products Research</i>. DOI: 10.1080/ 147 864 19. 2019.1672689. 8-Bitchagno MGT, Schuffler A, Simo IK, Krumb M, Tane P, Opatz T, (2019). Neoclerodane diterpenoids from <i>Conyza pyrrhopappa</i> Sch.Bip. ex A.Rich. <i>Natural Product Research</i>, DOI: 10.1080/14786419.2019.1690490. 9-Nganou KB, Mbaveng TA, Fobofou TSA, Fankam AG, Bitchagno MGT, Mpetga SDJ, Wessjohann LA, Kuete V, Efferth T, Tane P, (2019). Furoquinolines and dihydrooxazole alkaloids with cytotoxic activity from the stem bark of <i>Araliopsis soyauxii</i>. <i>Fitoterapia</i> 133, 193–199. 10-Woo S-Y, Hoshino S, Wong CP, Win NN, Awouafack MD, Prema, Ngwe H, Zhang H, Hayashi F, Abe I, Morita H. 2019. Lignans with melanogenesis effects from <i>Premna serratifolia</i> wood. <i>Fitoterapia</i> 133, 35-42.

	11-Prema, Wong CP, Nugroho AE, Awouafack MD, Win YY, Win NN, Ngwe H, Morita H., Morita H. 2019. Two new quassinoids and other constituents from <i>Picrasma javanica</i> wood and their biological activities. <u>Journal of Natural Medicine</u>, 73, 589-596. 12-Aro AO, Dzoyem JP, Awouafack MD, Selepe MA, Eloff JN, McGaw LJ. 2019. Fractions and isolated compounds from <i>Oxyanthus speciosus</i> subsp. <i>stenocarpus</i> (Rubiaceae) have promising antimycobacterial and intracellular activity. <u>BMC Complementary and Alternative Medicine</u> 19, 108. 13-Djoumbissie RAD, Fozeng DHS, Nguekeu YMM, Tane P, Morita H, Awouafack MD. 2019. Secondary metabolites from <i>Desmodium ramosissimum</i> G. Don (Fabaceae) and their radical scavenging properties. <u>PKFokam Journal of Applied Science and Technology</u>, Inaugural Edition, 44-49. 14-Mbaveng AT, Damen F, Mpetga JDS, Awouafack MD, Tane P, Kuete V, Efferth T. 2019. Cytotoxicity of crude extract and isolated constituents of the <i>Dichrostachys cinerea</i> bark towards multifactorial drug-resistant cancer cells. <u>Evidence-Based Complementary and Alternative Medicine</u>, Volume 2019, ID 8450158, 11 p. 15-Adamu M, Mukandiwa L, Awouafack MD, Ahmed AS, Eloff JN, Naidoo V. 2019. Ultrastructure changes induced by the phloroglucinol derivative Agrimol G isolated from <i>Leucosidea sericea</i> in <i>Haemonchus contortus</i>. <u>Experimental Parasitology</u> 207, 107780. 16-Ramadwa TE, Awouafack MD, Sonopo MS, Eloff JN. 2019. Antibacterial and antimycobacterial activity of crude extracts, fractions and isolated compounds from <i>Ptaeroxylon obliquum</i> (Rutaceae). <u>Natural Product Communication</u> 14, 1-7. 17-Atontsa KBC, Bitchagno MGT, Mpetga SDJ, Wamba BEN, Nayim P, Tchuengem RT, Ndontsa BL, Koagne RR, Opatz T, Kuete V, Tane P, (2019). Caffeate and piperidine-3-ol derivatives from the stem bark of <i>Cassia sieberiana</i>. <u>Natural Product Research</u>, DOI: 10.1080/14786419.2019.1684278 18-Damen F, Demgne OMF, Bitchagno MGT, Celik I, Mpetga SDJ, Tankeo SB, Opatz T, Kuete V, Tane P, (2019). A new polyketide from the bark of <i>Hypericum roeperianum</i> Schimp.(Hypericaceae), <u>Natural Product Research</u>, DOI:10.1080/14786419.2019.1677655 19-Tajeu K. Y., Ymele E., Jiokeng Z. S. L, Tonle I. K. (2019). Electrochemical sensor for caffeine based on a glassy carbon electrode modified with an attapulgit/nafion film. <u>Electroanalysis</u>. https://doi.org/10.1002/elan.201800621. 20-Djitieu-Deutchoua A. D., Ngueumaleu Y., Kenne-Dedzo G., Tonle K. I., E. Ngameni (2019). Electrochemical study of DPPH incorporated in carbon paste electrode as potential tool for antioxidant properties determination. <u>Electroanalysis</u>. https://doi.org/10.1002/elan.201800606 21-Mbokou F. S., Ousmane I., Njanja E., Tapsoba I., Pontie M., Tonle I. K. (2019). New electrochemical carbon paste electrode (CPE) based on arabic gum modifier and dedicated to 4-aminophenol. <u>Journal of Applied Electrochemistry</u>. https://doi.org/10.1007/s10800-019-01300-7 22-Mbokou F. S., Ousmane I., Yssouf K., Tapsoba I., Njanja E., Tonle I. K. (2019). Direct and simultaneous quantification of rutin and quercetin in natural fruits base on purified Arabic gum modified carbon paste electrode. <u>Springer Nature Applied Sciences</u> 1: 385. https://doi.org/10.1007/s42452-019-0413-8
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	23-Ymele E., Jiokeng Z. S. L., Bup-Nde D., Kamgaing T., Tonle I. K. (2019). Simultaneous voltammetric determination of Cd^{2+}, Pb^{2+} and Hg^{2+} ions using aminosepiolite coated glassy carbon electrode: Optimization of detection parameters via response surface methodology. <i>Journal of Analysis and Testing</i>. https://doi.org/10.1007/s41664-019-00086-z 24-Njanja E., Mbokou F. S., Pontié M., Mouna N., Tonle I. K. (2019). Comparative assessment of methylene blue biosorption using coffee husks and corn cobs: towards the elaboration of a lignocellulosic-based amperometric sensor. <i>Springer Nature Applied Sciences</i> 1: 515, 513 – 526. 25-Jiokeng Z. S. L., Ymele E., Dongmo M. L., Bup-Nde, Tonle I. K. (2019). Organoclay-film modified electrode for the detection of ultra-traces of Hg^{2+} ions: Approach of one factor at a time by an experimental design. <i>Electrochimica Acta</i> 316, 152 - 161. 26-Tcheumi H. L., Tassontio N. V., Tonle I. K., Ngameni E. (2019). Surface functionalization of smectite-type clay by facile polymerization of β-cyclodextrin using citric acid cross linker: application as sensing material for the electrochemical determination of paraquat. <i>Applied Clay Science</i> 173: 97-106. 27-Jiokeng Z. S. L., Tonle I. K., Walcarius A. (2019). Amino-Attapulgit/mesoporous silica composite films generated by electro-assisted self-assembly for the voltammetric determination of diclofenac. <i>Sensors & Actuators: B. Chemical</i> 287: 296-305. 28-Kameni A. P.W., Tcheumi H. L., Tonle I. K., Ngameni E. (2019). Sensitive electrochemical detection of methyl parathion in the presence of para-nitrophenol on a glassy carbon electrode modified by a functionalized NiAl-layered double hydroxide. <i>Comptes Rendus Chimie</i> 22: 22-33. 29-Ngaha D. M. C., Djemmoe L. G., Njanja E., Tonle I. K. (2019). Biosorption Isotherms and Kinetics Studies for the Removal of 2,6-Dichlorophenol using palm tree trunk (<i>Elaeis guineensis</i>). <i>Journal of Encapsulation and Adsorption Sciences</i> 8: 156-177. 30-Majoumo-M, F.; Ngwang, N. E.; Kenfack. T. P.; Nguempeni, E. V. B.; Ngwain Y. J.; Efeti, I. I. (2019). <u>Synthesis, molecular and crystal structure of 1-(1, 2-dihydrophthalazin-1 ylidene)-2-[1-(thiophen-2-yl) ethylidene] hydrazine</u>. <i>Acta Cryst.</i> , E75, 251 – 254. 31-Teodor V., Ioana Ionel, Rufis Fregue Tiegam, Adriana Raluca Wächter, Calin Julean, and Anagho Solomon Gabche (2019). Residual Biomass from Food Processing Industry in Cameroon as Feedstock for Second-generation Biofuels, <i>BioResources</i>, 14(2), pp 3731-3745 32-Rufis Fregue Tiegam, Adriana, R.W.; Ioana, I.; Calin, J.; Sebastian, M.; Claudiu, I. U. & Alin-Cristian, M. (2019). Renewable Energy Production Potential by using from Wastes Generated in a Pigs Farm and Slaughterhouse. <i>Revista de Chimie. (Bucharest)</i>, 70(6), 2058-2061. 33-Rufis Fregue Tiegam.; Anagho, S. G.; Ioana, I.; Alin-Cristian, M.; Ungureanu, C.L. I. (2019). Experimental biogas production from Cameroon lignocellulose waste biomass. <i>Journal of Environmental Protection and Ecology, Clean technologies</i>. 20(3), 1335–1344 34-Rufis Fregue Tiegam.; Ioana, I.; Anagho, S. G.; Alin-Cristian M. (2019). Optimization
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	of the Activated Carbon Preparation from Avocado Seeds, using the Response Surface Methodology, <i>Revista de Chimie (Bucharest)</i>. 70, 410-416 35-Bopda A., Tchuifon T. D. R., Nche George Ndifor-Angwafor, Doungmo G. & Anagho S. G. Gabche. (2019). Non-linear equilibrium and kinetic study of the adsorption of 2,4-dinitrophenol from aqueous solution using activated carbon derived from olive stones and cotton cakes. <i>African Journal of Environmental Science and Technology</i>, 13(9), 365-380, ISSN: 1996-0786. 36-Kenfack, T.P.; Hastürk, E.; Fröhlich, D.; Wenger, E.; Durand, P.; Lambi N. J.; Lecomte, C.; Janiak, C. (2019) <u>Water Vapor Single-Gas Selectivity via Flexibility of Three Potential Materials for Autonomous Indoor Humidity Control</u>. <i>Crystal Growth Design</i>, 17, 2869 – 2880 37-Haynes, D.; Agbahoungbata, M.; Kenfack T. P. (2019). Laying the foundations for the future: The African Crystallographic Association. <i>IUCr Newsletter</i>. , 27(2). Chapitre de livre 38-Awouafack MD, Wong CP, Tane P, Morita H. (2019). Dietary prenylated flavonoids In: "Handbook of Dietary Phytochemicals", edited by Xiao J, Sarker S, Asakawa Y, Springer Nature, Singapore, 23p.
2020	1-Kenfack J. N., Ngoudjou T. D., Ponou B. K., Kühlborn J., Tsafack T. B., Teponno R. B., Opatz T., Barboni L., Gatsing D., Léon Azefack Tapondjou 2020. Antisalmonellal activities of extracts, fractions, compounds and semi-synthetic flavonoid derivatives from <i>tristemma hirtum</i> p. beauv (melastomataceae). <i>Science Journal of Chemistry</i> 8, 48-58. 2-Appolinaire Kene Dongmo, Raymond Ngansop Nono, Fatma Kaaniche, Isabelle Kamga Mawabo^d, Marcel Frese, Jean Rodolphe Chouna, Celine Nguefeu Nkenfou, Bruno Ndjakou Lenta, David Ngnokam, Pépin Nkeng-Efouet-Alango, Norbert Sewald. 2020. A-type doubly linked proanthocyanidin trimer from <i>Canthium venosum</i> fruits and their biological activities. <i>Phytochemistry Letters</i>. 36, 134-138. 3-Dongmo, N.A.J., Ekom, S.E., Tamokou, J.D.D., Tagousop, N.C., Harakat, D., Voutquenne-Nazabadioko, L., Ngnokam, D., 2020. A New Stilbene Dimer and Other Chemical Constituents from <i>Monanthotaxis littoralis</i> with Their Antimicrobial Activities. <i>Natural Product Sciences</i> 26, 1-9. 4-Kianfe, B.Y., Kuhlborn, J., Tchuenguem, R.T., Tchegnitegni B.T., Ponou, B.K., Gross, J., Teponno, R.B., Dzoyem, J.P., Opatz, T., Tapondjou, A.L., (2020). Antimicrobial secondary metabolites from the medicinal plant <i>Crinum glaucum</i> A. Chev. (Amaryllidaceae). <i>South African Journal of Botany</i> 133, 161–165. 5-Soh, D., Bakang, B.T., Tchouboun, E.N., Nganso, Y.O.D., Defokou, U.D., Sidjui, L.S., Ahmed, A., Teponno, R.B., Lateef, M., Ali, M.S., Nyasse. B., (2020). New cucurbitane type triterpenes from <i>Momordica foetida</i> Schumach. (Cucurbitaceae). <i>Phytochemistry Letters</i> 38, 90–95. 6-Noumeur, S.R., Teponno, R.B., Helaly, S., Wang, X.-W., Harzallah, D., Houbraken, J., Crous, P.W., Stadler, M., (2020). Diketopiperazines from <i>Batnamyces globulariicola</i>, gen. & sp. nov. (Chaetomiaceae), a fungus associated with roots of the medicinal plant <i>Globularia alypum</i> in Algeria. <i>Mycological Progress</i> 19, 589–603. 7-Mbomen, M.L.M., Nanfack-Minkeu, F., Mangue, M.R., Teponno, R.B., Kagou, D.A., (2020). Validation d'une méthode de valorisation matière et énergie des huiles de vidange. <i>Déchets Sciences Techniques</i> 83, DOI: 10.4267/dechets-sciences-techniques.4244 8-Nguemo TRB, Njouendou AJ, Mpetga SDJ, Kengne CI, Nago TRD, Fobofou TAS, Wessjohann AL, Ngouela SA, Tamokou JDD, 2020. Antimicrobial activities of chemical constituents from the flowers of

	<i>Hypericum lanceolatum</i> Lam. (Hypericaceae). <u>International Journal of Applied Microbiology and Biotechnology Research</u> 8, 66-72. 9-Prema, Wong CP, Nugroho AE, El-Desoky AH, Awouafack MD, Win YY, Ngwe H, Abe I, Morita H. (2020). Three new quassinoids isolated from the wood of <i>Picrasma Javanica</i> and their anti-Vpr activities. <u>Journal of Natural Medicines</u> 74, 571-578. 10-Ambadiang MMM, Atontsa BCK, Tankeo SB, Nayim P, Wamba BEN, Bitchagno GTM, Mpetga DSJ, Penlap VB, Kuete V. (2020). Bark extract of <i>Cassia sieberiana</i> DC. (Caesalpiniaceae) displayed good antibacterial activity against MDR gram-negative phenotypes in the presence of phenylalanine-arginine β-naphthylamide. <u>BMC Complementary Medicine and Therapies</u>, 20:342. https://doi.org/10.1186/s12906-020-03148-3 11-Guefack MGF, Damen F, Mbaveng AT, Tankeo SB, Bitchagno GTM, Çelik I, Mpetga SDJ, Kuete V. (2020). Cytotoxic Constituents of the Bark of <i>Hypericum roeperianum</i> towards Multidrug-Resistant Cancer Cells. <u>Evidence-Based Complementary and Alternative Medicine</u>. https://doi.org/10.1155/2020/4314807 12-Nguemo RT, Mbouangouere R, Bitchagno GTM, Tchuenguem R, Temgoua EVN, Ndontsa BL, Mpetga SDJ, Opatz T, Ngouela AS, Tane P, (2020). A new ceramide from the leaves of <i>Lannea schimperi</i> (Hochst. ex A.Rich.) Engl. <u>Natural Product Research</u>. https://doi.org/10.1080/14786419.2020.1789632 13-Youmbi LM, Atontsa BCK, Tankeo S, Wamba BEN, Nayim P, Nganou BK, Bitchagno GTM, Simo IK, Mpetga SDJ, Penlap VB, Kuete V. (2020). Antibacterial potential and mechanism of action of botanicals and phytochemicals from <i>Stachytarpheta cayennensis</i> (Verbenaceae) against Gram-negative multidrug-resistant phenotypes expressing efflux pumps. <u>Investigational Medicinal Chemistry and Pharmacology</u> 3(1):35 https://dx.doi.org/10.31183/imcp.2020.00035 14-Koagne RR, Bitchagno GTM, Annang F, Cautain B, Martín J, Pérez-Moreno G, González-Pacanowska D, Vicente F, Simo IK, Reyes F, Tane P. (2020). Cytotoxicity and antiplasmodial activity of phenolic derivatives from <i>Albizia zygia</i> (DC.) J.F. Macbr. (Mimosaceae). <u>BMC Alternative and Complementary Therapies</u>, https://doi.org/10.1186/s12906-019-2792-1 15-Nganou BK, Selvaraj J, Tane P, Nchiozem A, Simo IK, Chaitanya MVNL, Palanisamy D. (2020). A review on <i>Adenocarpus mannii</i>, a main species of the genus <i>Adenocarpus</i>. <u>Current Traditional Medicine</u> 6, 3-12. 16-Togue MAT, Ndontsa BL, Bitchagno GTM, Schuffler A, Opatz T, Tane P, Tene M. (2020). New alkenylresorcinols with cytotoxic and antimicrobial activities from the leaves of <i>Embelia schimperi</i>. <u>Planta Medica</u> 86, 1298-1303. https://doi.org/10.1055/a-1209-3501 17-Mbougna JFT, Bitchagno GTM, Wouamba SCN, Jouda J-B, Awouafack MD, Tene M, Lenta BN, Kouam SF, Tane P, Sewald N. (2020). Two new triterpenoid fatty acid esters from <i>Schefflera barteri</i> Harms (Araliaceae). <u>Natural Product Research</u>. https://doi.org/10.1080/14786419.2020.1849199 18-Damen F, Mpetga JDS, Demgne OMF, Celik I, Wamba BEN, Tapondjou AL, Beng VP, Levent S, Kuete V, Tene M. (2020). Roeperone A, a new tetraoxygenated xanthone and other compounds from the leaves of <i>Hypericum roeperianum</i> Schimp. (Hypericaceae), <u>Natural Product Research</u>, https://doi.org/10.1080/14786419.2020.1845674 19-Piegang BN, Ndjateu TFS, Tene M, Bomba TFD, Tseuguem PP, Nguelefack TB. (2020). Antinociceptive, anti-inflammatory and antioxidant effects of <i>Boerhavia coccinea</i> extracts and fractions on acute and persistent inflammatory pain models. <u>Journal of Basic Clinical Physiology and Pharmacology</u>. https://doi.org/10.1515/jbcpp-2020-0118
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Année	Participation aux congrès, colloques et conférences scientifiques
2019	1-Awouafack MD, Nzogong RT, Nganou BK, Tedonkeu AT, Tene M, Ito T, Tane P, Morita H. (2019). Antibacterial abietane-type diterpenoids from <i>Plectranthus africanus</i>. Humboldt Kolleg, Yaounde (Cameroon), April 3-6. 2-E. Ngameni, G. Kenne-Dedzo, I. K. Tonle. Développement de capteurs électrochimiques pour l'analyse des effluents aqueux en vue de la promotion d'un environnement sain. Colloque international du Comité Pays en Développement (COPED), 26-29 Mars 2019, Brazaville (Congo) 3-I. K. Tonle, S. L. Z. Jiokeng, L. Dongmo, E. Yméle, E. Ngameni. Voltammetric detection of lead(II) ions on a glassy carbon electrode modified by a thin film of organo-attapulgite. Colloque international du Comité Pays en Développement (COPED), 26-29 Mars 2019, Brazaville (Congo) 4-Rufis fregue Tiegam Tagne.; Ioana, I.; Adina, N.; Anagho, S. G. (2019). Optimization of the activated carbons synthesis of peanut shells, applying surface methodology. <i>27th European Biomass conference and Exhibition/ proceeding</i>, 27- 30 May 2019, Lisbon, Portugal, pp 1849-1855, ISBN: 978-88-89407-19-6 5-Bopda, A.; Tchuifon, T.D.R.; Nche G.N.; Kamdem, T.A.; Anagho, S.G. (2019). Adsorption du 2,4-dinitrophenol par les charbons actifs préparés à partir des capsules de coton : Modélisation des isothermes non linéaire. 10^{ème} édition des Journées de Chimie Analytique sous le terme : Dispositifs analytiques et enjeux environnementaux actuels, 04 au 06 septembre 2019, Université de Yaoundé I, Cameroun. 6-Kenfack, T. P.; Hastürk, E.; Fröhlich, D.; Janiak, C. "Structural and Gas Sorption Properties of a Potential Material for Indoor Autonomous Moisture Control at Low range values". Accra, Ghana, Jan. 28th – Feb. 2nd 2019. 7-Kenfack T. Patrice. Towards an African Crystallographic Association. (Cotonou –Benin, May 13th to 24th 2019). 8-R. T. Massah, B. Kazock, E. Njanja, L. Guenang; L. Dongmo, I. K. Tonle A sensitive electrochemical sensor (CPE/SBA-15) for detection of tartrazine in soft water, 10^{ème} édition des Journées de Chimie Analytique, 04- 06 septembre 2019, Université de Yaoundé I, Yaoundé, Cameroun 9-Training workshop, "Effective scientific project and manuscript writing, understanding the manuscript publishing process: Illustration from the Cameroon Journal of Experimental Biology (CaJEB)", Organized by the Cameroon Forum for Biological Sciences, April 30th 2019, Tockem-Bafou, Cameroon.
2020	1-Amola A. L., Tchuifon, T. D. R., Kamgaing, T. & Anagho, G. S. (2020). Response surface methodology applied to the optimization of the preparation of activated carbon based on shea nut shells (<i>Vitellaria paradoxa</i>), physico-chemical characterization. PKFokam Conference on Science and Technology, 7th edition, Yaoundé, Novembre 26, 2020. 2-Awouafack MD. African medicinal plants as source of potential drug candidates against Covid-19. The 14th International Seminar on Natural Products (ISNP) School of Pharmacy Makassar, South Sulawesi, Indonesia, July 18, 2020. (Invited Lecture Online). 3-Awouafack MD. Bioactive constituents of a Cameroonian medicinal plant, <i>Eriosema robustum</i>. Commonwealth Chemistry Posters – Building the Partnership Bridging Chemistry Across the Commonwealth to Tackle the SDGs, August 25 – 27, 2020. (Poster presentation Online).
2021	1-7th Life Science Conference of the Cameroon Forum for Biological Sciences, 12th-13th August 2021, Management of pandemics and emerging diseases: Challenges of access to genetic resources and benefit sharing, University of Dschang, Cameroon. 2-International Symposium "Reframing the world after the Covid-19 pandemic: The contribution of African academics" Organized by the Humboldt-Kolleg, University of Dschang, Cameroon. October 20-22.
2022	1-Awouafack MD. (2022). Detection of pesticide residues in the environment by some analytical chemistry techniques. DAAD Alumni Training Workshop on "Proper use of pesticides in North Cameroon", Garoua, May 11-14. (Oral presentation). 2-Tabakam TG, Kodama T, Tchuemogne TMA, Hoang NN, Nomin-Erdene B, Ngouela SA, Tene M, Morita H, Awouafack MD. (2022). "Further constituents from <i>Eriosema glomeratum</i>, semi-synthesis of dihydrochalcone derivatives and their cytotoxicity". 9th Edition of the International on Science & Technology, PKFokam Institute of Excellence/Yaoundé-Cameroon, from 07th to 09th June. (Oral Communication and Third prize winner for the best oral presentation).

	3-Awouafack MD. (2022). Secondary metabolites of <i>Eriosema glomeratum</i>, dihydrochalcone semi-synthetic derivatives and their bioactivities. The Pharmaceutical Sciences: Recent trends and application seminar, Ton Duc Thang University (Vietnam), June 29-30. (Online Oral presentation). 4-Tabakam TG, Kodama T, Tchuenmogne TMA, Hoang NN, Nomin-Erdene B, Ngouela SA, Tene M, Morita H, Awouafack MD. (2022). "Cytotoxic potential of dihydrochalcones and their semi-synthetic derivatives as well as further constituents from <i>Eriosema glomeratum</i>". 24th Indigenous Plant Use Forum (IPUF), University of Johannesburg/South Africa, 04th to 07th July. (Oral Communication). 5-DAAD Alumni Workshop Event, September 27-28, Publication of scientific research results in Cameroon: Impact for sustainable development, University of Dschang, Cameroon.
2023	1) I. K. Tonle, P. K. Tsobnang. On the beneficial role of diffraction techniques in the characterization of Cameroonian clay minerals and related composites for analytical applications. 3rd Pan African Congress on Crystallography, 17-21st January 2023, Bomas of Kenya, Nairobi (Kenya). 2) Kenfack, T. P.; Nchedoung, S. T. Y.; Fröhlich, D.; Porcher, F.; Janiak, C. Structural and water sorption properties of [Co(amp)₃][Cr(ox)₃·6H₂O] and [Cu₂(amp)₄Cl][Cr(ox)₃·6H₂O] (amp = 2-picolylamine and ox = oxalate). 3rd Pan African Congress on Crystallography, 17-21st January 2023, Bomas of Kenya, Nairobi (Kenya). 3) Azambou C. I., Kenfack T. P.^{1,2}, Ngintendem Y. C.², Lontio R. F., Kamta J. H., Lambi J. N., Tonlé K. I Synthesis, structural and thermal properties of three heteroleptic coordination polymers built with 2-aminomethylpyridine, oxalate and Zn²⁺, Ni²⁺ or Cu²⁺ ions. 3rd Pan African Congress on Crystallography, 17-21st January 2023, Bomas of Kenya, Nairobi (Kenya). 4) Saurelle K. Tiofack, Mostafa Y. Borzehandani, Patrice T. Kenfack, Jean Ngoune, Mohd B. A. Rahman. theoretical investigation on the inclusion of betulinic acid into CD-MOF1 performed by qm calculations, molecular docking, and md simulations. 35th international conference of analytical sciences, 28 – 30th August 2023, Pulau Langkawi (Malaysia). 5) Kenfack, T. P.; Nchedoung, S. T. Y.; Fröhlich, D.; Porcher, F.; Janiak, C. Structure – properties relationship in two hydrogen-bonded MOF based of [Cr(ox)₃]³⁻ anions and cations built with 2-picolylamine and M = Co³⁺ or Cu²⁺. <i>SACI-44 convention</i>, 7 – 13 Jan. 2023 Stellenbosch, South Africa 6) Adetokunbo T. Famojuro, Patrice T. Kenfack, Gershon Amenuvor· James Darkwa, Omotayo A. Arotiba. Structural Characterizations, Optical and Photo-electrochemical Properties of Four Mixed-valence Heterometallic Coordination Networks of Alternating [Fe(CN)₆]^{3/4-} anions and [M(en)₂. nH₂O]²⁺ (M = Cu²⁺, Ni²⁺; en-ethylenediammine) cations. 26th congress of IUCr, 22-29 August 2023, Melbourne (Australia) 7) Patrice T. Kenfack, Armelle T. Tontsa, Nangmo, Saurelle. K. Tiofack, P. Mkounga, Augustin. N. Ephrem, Ignas. K. Tonlé. Effect of the synthons O —H (Sec. Alcohol) - - -O=C (ketone) and Csp²—H (furan) - - - OOC (acetate) in the supramolecular packings of two bioactive molecules. 26th congress of IUCr, , 22-29 August 2023, Melbourne (Australia) 8) V. B. E. Nguemmeni, P. T. Kenfack, T. Kamgaing, N. Lopez Salas, S. A. Bourne. Synthesis, characterization and gas sorption properties of a new flexible Hofmann coordination polymer based on glutamic acid. Young Chemist's Symposium 2023, 15th September, 2023, University of the Western Cape, Cape Town (South Africa). 9) S. K. Tiofack, M. Y. Borzehandani, P. T. Kenfack, M. A. Mohamad Latif, B. A. Tejo, H. Ahmad, J. Ngoune, M. B. A. Rahman. Investigation on the inclusion of betulinic acid into CD-MOF-1 performed by QM calculations, and molecular docking simulation. 35th International Conference of Analytical Sciences 2023, Langkawi (Malaysia) 10) Gedeon Kouahou Nzetchuen & Théophile Kamgaing. Optimization of the preparation of highly porous activated carbon made from puck shell (<i>afrostyrax lepidophyllus</i>) by response surface methodology. PK.Fokam Conference on Science Technology, Economics and Management, 13-15 June, 2023.

- 11) Tchinda MA, Nanfack DAR, Tamokou JDD, Takongmo MG, Tsopmo A, Ali SM, **Tene M.** (2023). A new nor-triterpene and other constituents from *Echinops gracilis* O. Hoffm. (Asteraceae) could be a good source of antibacterial activity drug discovery. 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*oral presentation*)
- 12) Kakabi DHM, Mpetga SDJ, Nago TRD, Tamokou JDD, Nanfack DAR, Bitchagno MGT, Ali SM, **Tene M.**, Ngouela SA. (2023). Biflavonoids from *Ochna afzelii* R. Br (ex Oliv) (Ochnaceae) and their antibacterial activity. 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*oral presentation*)
- 13) Metiave SAA, Tedonkeu TA, Tamokou JDD, Nanfack DAR, Tsopmo A, **Tene M.** (2023). Chemical study and antibacterial activity of the constituents from the leaves of *Vernonia glabra* (Asteraceae). 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*oral presentation*)
- 14) Matchide TMG, Nguekeu MYM, Tchuenmogne TMA, **Tene M.**, Ngouela SA, Wim D, Awouafack MD. (2023). Chemical study and antibacterial activity of the constituents from the rhizomes of *Cyathea manniana* (Cyatheaceae). 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*oral presentation*)
- 15) Matchide TMG, Nguekeu MYM, **Tene M.**, Ngouela SA, Morita H, Awouafack MD. (2023). Chemical study and anthelmintic activity of the constituents from the rhizomes of *Dryopteris kirbi* (Dryopteridaceae). 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*oral presentation*)
- 16) Foseng SHD, Matheuda EG, Nguekeu MYM, Donfack NAR, Tchuenmogne TMA, Tchegnitegni BT, Ngouela SA, Ali SM, **Tene M.**, Awouafack MD. (2023). Constituents of the fruits of *Ficus lutea* Vahl (Moraceae) and their chemotaxonomic significance. 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*oral presentation*)
- 17) Temgoua MEV, Donbou KMA, Dongmo TTW, Kuate JR, **Tene M.**, Awouafack MD, Azebaze GB. (2023). Chemical study and antimicrobial activity of the constituents of *Adiantum poiretii* Wikstr (Pteridaceae). 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*Poster*)
- 18) Tadjuidje JD, Nguetsa L, Mpetga SDJ, Tamokou JDD, Mbouangouere R, Simo IK, **Tene M.** (2023). Contribution to the study of the chemical constituents and evaluation of antimicrobial activity of the leaves and stems of *Caloncoba dusenii* (Flacourtiaceae). 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*Poster*).
- 19) Seumo SA, Donfack NAR, Ndontsa BL, Bitchagno MGT, Mbouangouere R, Lenta NB, Sewald N, **Tene M.**, Tane P, Ngouela SA. (2023). Chemical study and cytotoxic and antibacterial activities of the constituents from the fruits of *Maesa lanceolata* (Myrsinaceae). 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*Poster*).
- 20) Tabakam TG, Kodama T, **Tene M.**, Morita H, Awouafack MD. (2023). Constituents of *Eriosema glomeratum* and their derivatives could be good sources of anticancer drugs discovery. 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (*Poster*).

	21) Nghokeng J, Tabakam TG, Tene M, Awouafack MD. (2023). Semi-synthesis of potential anticancer derivatives from two naturally occurring dihydrochalcones A and B. 8th life sciences conferences. University of Dschang, Dschang, Cameroon, 02-04 August, 2023. (<i>Poster</i>). 22) Awouafack MD. Semi-synthetic derivatives from isolated natural compounds could be good sources of bioactive agents for drugs discovery. DAAD Alumni Event on “Women and interdisciplinary research for sustainable development”, Douala, November 8-10, 2023 (<i>Oral presentation</i>). 23) Tene M. Exploitation des résultats de la recherche et création des richesses pour un développement durable. Semaine de Valorisation Scientifique et Culturelle (SVSC-2023) à l’Université de Dschang. Dschang, November 10-16, 2023 (<i>Oral presentation</i>). 24) Awouafack MD. Traditional medicine: Past, present, and future Research in Cameroon. DAAD Alumni Event on “Traditional Medicine: Science, Ethics and Policies”, Yaoundé, November 20-22, 2023 (<i>Oral presentation</i>). 25) 8^{ème} Journées des Sciences de la Vie, JSV2023, organisée par le le Cameroon Forum for Biological Sciences (CAFOBIOS), tenue du 02 au 04 Août 2023, à l’Université de Dschang-Cameroun 26) Fogang D. H.P. , Kepdieu T. R. V., Woguem V., Buntcha H., Tsafack T. B., Ponou B. K., Teponno R. B., Maggi P., Barboni L., Taponjou A. L. 2023. Extraction methods and applications of essential oils, Semaine de Valorisation et de Vulgarisation des Resultats de la Recherche, Université de Dschang. 27) Symposium "Women of Science", February 28, Collaborative leadership in science to foster sustainable empowerment of women, University of Dschang, Cameroon. 28) DAAD Alumni Event, November 26-28, Contribution of Science Diplomacy to Sustainable Development, University of Dschang, Cameroon.
2024	1) Kenda, T.G., Tchuifon, D.R., Bopda, A., Fotsop, C.G., Ndifor-Angwafor, N.G. & Anagho, S.G. (2024). Facile assembly of TiO₂-doped magnetic biochar from orange peels for improved dye-contaminated wastewater remediation captured by a mathematical approach. <i>6th edition of the international conference on Entangling Geosciences and Chemistry (EGC-6)</i>, University of Yaoundé 1, Cameroon, from October 24 to 26, 2024. 2) Kenda, T.G., Tchuifon, D.R., Bopda, A., Fotsop, C.G. & Anagho, S.G. (2024). Facile assembly of TiO₂-doped magnetic biochar from orange peels for improved dye-contaminated wastewater remediation captured by a mathematical approach. <i>12th edition of the Analytical Chemistry Days (JCA)</i>, University of Dschang, Cameroon, from August 28 to 30, 2024. 3) Bopda, A.; Mafo, M.G.S.; Ndongmo, N.; Kenda, T.K.; Fotsop, C.G.; Kuete, T.I.H.; Ngakou, S.C.; Tchuifon, T.D.R.; Kamdem, T.A.; Nche G.N.; Anagho, S.G. Ferromagnetic Biochar Prepared from Hydrothermally Modified Calcined Mango Seeds for Fenton-like Degradation of Indigo Carmine. Participation to the DAAD-Alumni Event on the topic: “Tacking the challenges of Implementing Policy and Science in Archieving SDG6 on Water Ressources Quality and Quantity in Africa”, from 22th to 24th of August, 2024 at Yaoundé, Cameroon, (2024).

	4) Bopda, A.; Fotsop, C.G.; Tchuifon, T.D.R.; Kuete, T.I.H.; Georges Teikam Kenda, Lieb, A. ; Nche G.N.; Scheffler F. (2024). Tunable 2D g-C₃N₄/BOCl-nanosheets@Ti-based MOF Z-scheme heterojunction for high performance photocatalytic activity. 12^{ème} édition des Journées de Chimie Analytique (JCA) sous le terme : « Matériaux innovants et Chimie Analytique au service du développement durable », 28 au 30 août 2024, Université de Dschang, Cameroun. 5) Valoise Brenda Nguepmeni Eloundou, Patrice Kenfack Tsobnang, Theophile Kamgaing, Susan Ann Bourne. Synthesis, characterization, and gas sorption properties of flexible Hofmann-type coordination polymers based on glutamic acid or 1,2-bis(4-pyridyl)ethane. South African Crystallographic Society Symposium (SACrS), 22-23th January 2024, Rhodes University, Grahamstown, Makhanda (South Africa) 6) Valoise Brenda Nguepmeni Eloundou, Patrice Kenfack Tsobnang, Theophile Kamgaing, Susan Ann Bourne. New flexible mixed-ligand Metal Organic Framework based on a sulfonate ligand. Young Chemist's Symposium 2023, 12th July 2024, University of Cape Town, Cape Town (South Africa) 7) Yannick Thiery Sakam Nchedoung, Patrice Kenfack Tsobnang, Roussin Lontio Fomekong, Bernard Dawai, Théophile Kamgaing, Giuliana Aquilanti, Delia Haynes, Christoph Janiak. .Structure-property relationship of three isostructural Thermochromic supramolecular materials based on 5,5'-indigodisulfonate and [M(H₂O)₆]²⁺ ions, M = Cu²⁺, Ni²⁺ and Co²⁺. Journée de Chimie Analytique, 28-30 Aout 2024, Université de Dschang, Dschang (Cameroun). 8) Patrice Kenfack Tsobnang Yannick Thiery Sakam Nchedoung, Azizi Toupka, Christoph Janiak. Matériaux Innovants : définition des concepts, approches et quelques exemples dans le domaine du bâtiment. Journée de Chimie Analytique, 28-30 Aout 2024, Université de Dschang, Dschang (Cameroun). 9) Valoise Brenda Nguepmeni Eloundou, Patrice Kenfack Tsobnang, Theophile Kamgaing, Chirandib Gogoi, Nieves Lopez-Salas, Susan Ann Bourne. Crystal engineering and sorption studies on CN- and dipyridyl-bridged 2D coordination polymers. 9th European Crystallography School (ECS9), 24-30th juin 2024, Faculté des Sciences et Technologies, Université de Lorraine, Nancy (France). 10) S. F. Gabou, G. Deffo, L. S. Guenang, R. C. T. Temgoua, E. Njanja, I. K. Tonlé, A. Bhaumik, E. Ngameni (2024) Electrode de carbone vitreux modifiée avec un matériau composite (Nafion/nanotube de carbone multiparois/silice mésoporeuse) pour l'électroanalyse individuel et simultané de l'indigo carmine et de la carbendazime. 12^{ème} édition des Journées de Chimie Analytique, 28-30 Août 2024, Université de Dschang, Dschang, Cameroun. 11) L. A. Vomo, V. K. Tchieda, G. Deffo, C. G. Fotsop, L. G. Djemmoe, F. M. Eya"ane, E. Njanja ; (2024) ; Synthèse verte des nanoparticules de zinc oxyde et incorporation dans une silice mésoporeuse pour la détection sensible de l'acétaminophène. 12^{ème} édition des Journées de Chimie Analytique, 28-30 Août 2024, Université de Dschang, Dschang, Cameroun. 12) Y. P. N. Makengue, G. T. Kenda, S. F. Gabou, V. K. Tchieda, G. C. Fotsop, E. Njanja, I. K. Tonle ; (2024) ; Détection électrochimique simultanée du diuron et du thiabendazole par une électrode de carbone vitreux modifiée par les nanoparticules ferromagnétiques. 12^{ème} édition des Journées de Chimie Analytique, 28-30 Août 2024, Université de Dschang, Dschang, Cameroun. 13) A. V. Somba, G. C. Wabo, C. G. Fotsop, T. Kamgaing, E. Njanja; (2024); Sensitive voltammetric analysis of ascorbic acid in a pharmaceutical formulation using silver nanoparticles based Theobroma cacao pods. 12^{ème} édition des Journées de Chimie Analytique, 28-30 Août 2024, Université de Dschang, Dschang, Cameroun. 14) T. F. N. Tene, G. Deffo, C. L. M. Mbianda, C. G. Fotsop, E. Njanja, I. K. Tonle, E. Ngameni; (2024); Electroanalytical application of MIL-53-Al to the sensitive simultaneous detection of carbendazim
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**DEPARTEMENT DE MATHEMATIQUE
ET INFORMATIQUE**

	and thiabendazole. 12ème édition des Journées de Chimie Analytique, 28-30 Août 2024, Université de Dschang, Dschang, Cameroun.
	15) C. F. N. Komguep, L. A. Vomo, E. Njanja, I. K. Tonle, Capteur électrochimique à base de nanoparticules d'oxyde de zinc et de silice mésoporeuse pour l'électroanalyse du diclofénac sodium. 12ème édition des Journées de Chimie Analytique, 28-30 Août 2024, Université de Dschang, Dschang, Cameroun.
	16) Symposium "Women of Science", February 28, Collaborative leadership in science to foster sustainable empowerment of women, University of Dschang, Cameroon.
	17) Humboldt Kolleg Research Hub Network Meeting, November 11–13, 2024, Yaounde, Cameroon: “The one-health concept for pandemic prevention and responses”

Organisation des congrès, colloques et conférences scientifiques

Année	Organisation des congrès, colloques et conférences scientifiques
2019	Jan 28 th – Feb 03 rd 2019: 2 nd Panafrican Conference on Crystallography (PCCr2) (Accra, Ghana)
2021	Nov. 15 th –19 th 2021: Online Panafrican Conference on Crystallography (ePCCr)
2022	May 11 th – 22 nd 2022: First Openlab of Congo Brazzaville (Congo)
2023	1) 1 ^{er} Festival de Chimie, Faculté des Sciences, Université de Dschang, 13 Février 2023 2) May 16 th –26 th 2023: First Masuku open lab on crystallography (Franceville, Gabon), 3) Jan. 16 th - 21 st 2023: 3 rd Panafrican Conference on Crystallography (PCCr3) (Nairobi, Kenya)
2024	4) Journées de Chimie Analytique, (13 ^{ème} Edition), Faculté des Sciences, Université de Dschang, 28 – 30 Août 2024 5) 2 ^{ème} Festival de Chimie, Faculté des Sciences, Université de Dschang, 13 Février 2024

5-Département de Mathématiques et Informatique

-Publications Scientifiques

Année	Publications Scientifiques
2019	1- E. Fute Tagne, Hugues Marie Kamdjou, Alain Bertrand Bomgni, and Armand Nzeukou, An Efficient Data Compression Approach based on Entropic Coding for Network Devices with Limited Resources, EJECE, European Journal of Electrical and Computer Engineering, Vol. 3, No. 5, October, 2019. 2- Aline Z. Tsague, E. Fute Tagne, Emmanuel Tonye, Adnen EL AMRAOUI, Peer to Peer Authentication for Index-based Distributed Data Collection: A Zero-Knowledge-based Scheme to Security for Wireless Sensor Networks, American Journal of Advanced Research, pages 1-6, December, 2019 3- Elie Tagne Fute, Lionel L. Sop Deffo, Emmanuel Tonye, "EFF-ViBE: An Efficient and Improved Background Subtraction Approach based on ViBE for Complex Background", International Journal of Image, Graphics and Signal Processing(IJIGSP), Vol.11, No.2, pp. 1-14, 2019.DOI: 10.5815/ijigsp.2019.02.01 4- Kengne, P. C. Koguep, B.B.N. Akume, D. and LELE, C. L-Fuzzy Ideals of Residuated Lattices ; Discussiones Mathematicae General Algebra and Applications, 39, (2019). 5- Tchoua, F. Koguep, B.B.N. Temgoua, E. and LELE, C. n-fold Boolean, Implicative and Integrales Ideals in Bounded Commutative Residuated Lattices ; New Mathematics and Natural Computation, 15,427-445 (2019). 6- Koguep, B. B. N. and LELE, C. On hyperlattices : congruence relations, ideals and homomorphism ; Afrika Matematika, 30, 101-111(2019).

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Année	PARTICIPATION AUX CONGRES, COLOQUES ET CONFERENCES SCIENTIFIQUES
2019	1- Lionel L. SOP DEFFO, Elie FUTE T., and Emmanuel TONYE, CNNSFR: A Convolutional Neural Network System for Face Detection and Recognition, International Conference of Advanced Research in Applied Science, Engineering and Technology (ICARASET '19), Houston, TX, USA, 2019 2- Aline Z. TSAGUE, Elie FUTE T., and Emmanuel TONYE, Peer to peer authentication for index-based distributed data collection: A zero-knowledge-based scheme to security for wireless sensor networks, International Conference of Advanced Research in Applied Science, Engineering and Technology (ICARASET '19), Houston, TX, USA, 2019 3- (CMI-2019) First International Symposium of Mathematics and Computer Science, University of Dschang 4- 23th Workshop on algebra and logic (AAL-23), University of Yaoundé 1, Yaoundé Cameroon, August 28-29, 2019; Oral Presentation: Formal concepts and residuation on multilattices 5- (CMI-2019) First International Symposium of Mathematics and Computer Science, University of Dschang

	6- Weekly Mathematics Seminars at the Institute of Mathematics, University of Mainz, Germany. 7- Member of the scientific committee of the second Mathematics and Computer Science Colloquium, University of Dschang, Cameroon. 8- Tsanou B, Feukouo Fossi A, Tadmon C. Lubuma JMS, Modélisation et analyse mathématique de la transmission environnementale de la grippe Aviaire. Conférence Internationale en Mathématiques Appliquées à des Questions de Développement (MADEV19): Mathématiques Appliquées et Théorie du Contrôle Appliquée à l'Epidémiologie, Académie des Sciences de France et Académie Nationale des Sciences and Techniques du Sénégal, Dakar, Sénégal, 25-27 Novembre 2019. 9- Tsanou B, Impact of human behaviour on the transmission of schistosomiasis: biological control and global stability analysis. International Conference on Mathematical Sciences and Applications (ICMSA), at Saint George Hotel, Pretoria, South Africa, 25-27 September 2019. 10- Zekeng Ndadji, M. M., Tchendji, M. T., & Parigot, D.: A Projection-Stable Grammatical Model to Specify Workflows for their P2P and Artifact-Centric Execution. In: CRI 2019-Conférence de Recherche en Informatique. https://inria.hal.science/hal-02375958/ 11- NKENLIFACK Marcellin, «TECHNOLOGIES NUMERIQUES ET DEVELOPPEMENT DE L'AGRO-INDUSTRIE», 1st Colloquium of Mathematics and Computer Science (CMC-2019), 08 – 12 April 2019, University of Dschang, Dschang, Cameroon, Subject : “Internet of Things, Big Data Analysis and Development”. https://cmi2019.univ-dschang.org/
2020	1- H. M. KAMDJOU, Elie FUTE T., Adnen EL AMRAOUI , Armand NZEUKOU, The transferable belief model for failure prediction in wireless sensor networks, 6th International Conference on Cyber Security, Privacy in Communication Networks 2020, ICCS 2020, Patna, Springer, December 2020 2- Edith Belise Kenmogne, Clémentin Tayou Djamegni, An Efficient Algorithm to Discover Intra-Periodic Frequent. CARI'2020, Ecole Polytechnique de Thiès, Sénégal, October, 2020. https://www.cari-info.org/ 3- FERED 2020, 25-28 November 2020, University of Dschang 4- Member of the scientific committee of EREDEF (Enterprise, Research and Development Forum), University of Dschang, Cameroon. 5- Workshop for the creation of the Cameroon Mathematical Union, University of Yaounde I, Yaounde, Cameroon. 6- Feukouo Fossi A, Tadmon Calvin, Tsanou B. Mathematical assessment of the impact of vaccination and personal protection on the dynamical transmission of avian influenza A (H7N9). Forum des Entreprises et Recherche pour le Développement (FERED 2020), Dschang, Cameroon, 24-28 November 2020. 7- Signing F, Tsanou B, Bowong S. Dynamics of a time periodic model of Neisseria meningitidis infection of serogroup A taking into account the seasonality of aerosol. Forum des Entreprises et Recherche pour le Développement (FERED 2020), Dschang, Cameroon, 24-28 November 2020. 8- Fotso Fotso Y, Touzeau S, Tsanou B, Grogard F, Bowong S. Contribution on the mathematical modelling and control of coffee berry borer. Forum des Entreprises et Recherche pour le Développement (FERED 2020), Dschang, Cameroon, 24-28 November 2020. 9- Tchounke Billy G, Tsanou B. Modelling and mathematical study of Polio control strategies: case of Cameroon. Forum des Entreprises et Recherche pour le Développement (FERED 2020), Dschang, Cameroon, 24-28 November 2020. 10- Zekeng Ndadji, M. M., Tchoupé Tchendji, M., Tayou Djamegni, C., Parigot, D.: A grammatical model for the specification of administrative workflow using scenario as modelling unit. In Applied Informatics: Third International Conference, ICAI 2020, Ota,

	Nigeria. pp. 131-145. Springer International Publishing (2020). https://doi.org/10.1007/978-3-030-61702-8_10 11- Zekeng Ndadji, M. M., Tchoupé Tchendji, M., Tayou Djamegni, C., Parigot, D.: A language for the specification of administrative workflow processes with emphasis on actors' views. In Computational Science and Its Applications–ICCSA 2020: 20th International Conference, Cagliari, Italy. pp. 231-245. Springer International Publishing (2020). https://doi.org/10.1007/978-3-030-58817-5_18 12- NKENLIFACK Marcellin, «L'Economie Numérique et les Besoins en Compétences», 1rst Enterprise, Research and Development Forum (EREDEF-2020), 24 – 28 nov 2020, University of Dschang-Cameroon, subject "Artificial Intelligence, Digital Economy and African Transformation ". https://fered2020.univ-dschang.org/ 13- NKENLIFACK Marcellin, «L'Intelligence Artificielle : Concepts, Enjeux et Défis», Colloque national organisé par le Centre d'Etudes et de Recherche en Droit et Développement de la Faculté des Sciences Juridiques de l'Université de Dschang, Thème: « l'Intelligence Artificielle », 18 décembre 2020, Université de Dschang-Cameroun.
2021	1- Aziz L. Ngou Njikam Abdou, Kun Zhang and Elie Fute Tagne, A Sentiment Analysis Approach for Abusive Content Detection using Improved Dataset, International Conference on Computational Science and Computational Intelligence (CSCI'21), IEEE, December 15-17-2021, Las Vegas, USA, December 2021 2- Aziz L. NGOU NJIKAM ABDOU and Elie FUTE TAGNE, A Sentiment Analysis Approach for Abusive Content Detection using Improved Dataset, International Conference on Computational Science and Computational Intelligence (CSCI), IEEE, pp. 1415 - 1420, 2021, DOI: 10.1109/CSCI54926.2021.00283 3- Elie T. FUTE, Audrey T. NANGUE and Emmanuel TONYE, " A Deep Neural Network for Network Intrusion Detection System based on VAE and RNN", Transactions on Computer Science & Computational Intelligence, Springer, pp. 1-6, 2021 4- Lionel Landry Sop Deffo, Elie FUTE T., Emmanuel Tonye, “LIFADER: Light Face Detection and Recognition approach for people tracking”, Proceeding in IEEE 2nd International Conference on Electronics, Control Optimization and Computer Science (ICECOCS), Kenitra, Morocco on December 2-3(Dec 2020), DOI: 10.1109/ICECOCS50124.2020.9314450, IEEE, 2021. 5- Tayou Djamegni Clémentin, Tabueu Fotso Laurent, Kenmogne Edith Belise, A novel; algorithm for extracting frequent gradual patterns. Machine Learning with Applications, Vol. 5. https://doi.org/10.1016/j.mlwa.2021.100068. 6- 101st Workshop on General Algebra (AAA101), University of Novi Sad, Serbia, June 4-6, 2021. 7- Oral Presentation: Annihilators in distributive hyperlattices 8- 100th Workshop on General Algebra (AAA100), Jagiellonian University, Kraków – Poland, February 5-7, 2021, Oral Presentation: Derivation on hyperlattices revisited 9- (CRAG-10) 10th annual workshop on cryptography, algebra, geometry and application; July 27 to July 30, 2021, University of Dschang 10- (CRAG-10) 10th annual workshop on cryptography, algebra, geometry and application; July 27 to July 30, 2021, University of Dschang 11- International Conference on Machine Learning and Cyber security (MLC-2021), University of Dschang, Cameroon. 12- Online selection event for the German Research Chair in Mathematics and its Applications at AIMS-Rwanda. 13- SM Garba, JMS Lubuma, B Tsanou, Nonstandard Finite Difference Models of the COVID-19 Pandemic. Joint Mathematics Meetings (JMM), AMS, 6-9 January 2021.

	14- Kouam Kamdem I.G., Nkenlifack M.J.A., Data Security in Health Systems: Case of Cameroon. Int. Computing Conference 2021, 15-16 July 2021, London, UK. https://saiconference.com/Conferences/Computing2021/ 15- NKENLIFACK Marcellin, « Nécessité d'intégration du Machine Learning à la Cybersécurité », 1er Colloque International sur la Cybercriminalité & la Cybersécurité au Cameroun et en Afrique, 06 – 07 mai 2021, Palais des congrès de Yaoundé, Cameroun. 16- KOUAM KAMDEM Igor & NKENLIFACK Marcellin, Cyber-sécurité et cyber-attaque dans le monde numérique, Symposium TIC–Africa-2021, 24 – 26 aug 2021, SUPTIC Yaoundé, sur le thème : « Innovation and Internet Development for a Sustainable digital transformation of our cities ». https://tic-afrique.cm/
2022	1- Pelagie Flore Temgoua Nanfack, Elie Tagne Fute, Patrice Abiama Ele, Pycaret for the evaluation of classification methods in order to set up a decision making system for the early diagnosis of schizophrenia by EEG. IEEE, SITIS 2022: 335-340, 2022 2- Aziz L. Ngou Njikam Abdou, Elie Fute Tagne and Lionel Landry Sop Deffo, An evaluation of machine learning and deep learning approach on Ekman sentiment classification, International Conference on Computational Science and Computational Intelligence (CSCI'22), IEEE, USA, December 2022 3- Lionel Landry Sop Deffo and Elie Fute Tagne, INBaSA: An Improved Non-parametric background subtraction algorithm improving pixel segmentation, Africain Conference on Research in Computer Science and Applied Mathematics, CARI, 2022 4- Edith Belise Kenmogne, Clémentin Tayou Djamegni, Roger Nkambou, Laurent Cabrel;Tabueu Fotso, Calvin Tadmon, Efficient mining of intra-periodic frequent sequences; Array, Volume 16, 2022, 100263, ISSN 2590-0056; https://doi.org/10.1016/j.array.2022.100263; https://www.sciencedirect.com/science/article/pii/S2590005622000960 5- 16th African Conference on Research in Computer Science and Mathematics, October 04 – 07, 2022, University of Dschang 6- International Conference on Machine Learning and Cybersecurity (Indabax), 7- September 29-October 1st, 2022, University of Dschang 8- The 7th edition of the conference “Logic, Algebra and Truth Degrees” (LATD) + MOSAIC Kick-off meeting, September 4-11, 2022, Italy 9- Fabrice Mvuh, Vianney Kengne Tchendji. Deceiving ARP spoofers in software-defined networks. 1st International Conference on Engineering Sciences and Development (ICESD2022) Bandjoun 2022, pp 374-383. 10- Jerry Lacmou Zeutouo, Vianney Kengne Tchendji, Jean-Frédéric Myoupo.Coarse-grained multicomputer parallel algorithm using the four-splitting technique for the minimum cost parenthesizing problem. CARI'2022, pp 1-12 11- CARI'22 (Colloque Africain sur la Recherche en Informatique et Mathématiques Appliquées), University of Tunis, University of Dschang and University of Yaounde 1, Tunis and Cameroon. 12- Zekeng Ndadji, M. M., Meli, B. N., Tchoupé Tchendji, M.: Improving the Projection-Based and ArtifactCentric Decentralized Execution of LSAWfP Models. In: CARI 2022 Proceedings. https://inria.hal.science/hal-03703270v2 13- Zekeng Ndadji, M. M., Tonle Noumbo, F. B., Tchoupé Tchendji, M.: Non-recursive LSAWfP models are structured workflows. In: CARI 2022 Proceedings. https://inria.hal.science/hal-03703255v2 14- Benoît Martin Azanguezet Quimatio, Olive Flore Yatio Njike, Marcellin Nkenlifack. User Authentication through Keystroke dynamics based on ensemble learning approach. CARI 2022 - Colloque Africain sur la Recherche en Informatique et en

	Mathématiques Appliquées, Oct 2022, Dschang, Cameroon. (hal-03713677v2); https://hal.inria.fr/hal-03713677/ 15- Igor Kouam Kamdem & Marcellin Nkenlifack, Enjeux de la Formation Digital et de la Transformation Numérique, Symposium TIC Afrique, du 13 au 14 décembre 2022, SupTIC, Yaoundé Cameroun, Theme : « Utilisation de l'Internet comme arme géopolitique et géostratégique des nations ». https://tic-afrique.cm/
2023	1. J. Kabdjou, E. F. Tagne, D. B. Rawat, J. Acosta and C. Kamhoua, "Cyber Deception System based on Monte Carlo Simulation in the Mobile Edge Computing (MEC)," 2023 International Conference on Computer, Information and Telecommunication Systems (CITS), Genoa, Italy, 2023, pp. 1-7, doi: 10.1109/CITS58301.2023.10188739 2. Edith Belise Kenmogne, Laurent Cabrel Tabueu Fotso, Clémentin Tayou Djamegni, A novel algorithm for mining maximal frequent gradual patterns, Engineering Applications of Artificial Intelligence, Volume 120, 2023, 105939, ISSN 0952-1976, https://doi.org/10.1016/j.engappai.2023.105939. (https://www.sciencedirect.com/science/article/pii/S0952197623001239) 3. Semaine de la Valorisation Scientifique et Culturelle (SVSC-2023), 10 – 16 novembre 2023, Université de Dschang 4. Joel Herve Mboussam Emati, Hedgar Plessy Mboussam, Vianney Kengne Tchendji. Feasibility Study of Improving Blockchain-Based Self-Sovereign Identity Security using Artificial Intelligence and Lightweight Cryptography. 2023 IEEE AFRICON. https://doi.org/10.1109/AFRICON55910.2023.10293491 5. Fabrice Mvuh , Vianney Kengne Tchendji , Clémentin Djamegni Tayou , Ahmed H. Anwar , Deepak K. Tosh , Charles Kamhoua. FlipPath game to counter stealthy attacks in SDN-based tactical networks. In International Conference on Decision and Game Theory for Security. pp. 294-308, October, 2023. https://doi.org/10.1007/978-3-031-50670-3_15 6. Achile Leonel Nguemkam, Ahmed Hemida Anwar, Vianney Kengne Tchendji, Deepak K. Tosh, Charles Kamhoua. Optimal honeypot allocation using core attack graph in cyber deception games. In 2023 IEEE 34th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), pp. 1-6, September, 2023, IEEE. https://doi.org/10.1109/PIMRC56721.2023.10293814 7. Invited talk given at the Mathematical Colloquium of the University of Mainz, Germany. 8. Berge Tsanou, Grand Challenges Annual Meeting 2023, Dakar, Senegal, August 07-11 9. Aurelien Kambeu Youmbi, Suzanne Touzeau, Frédéric Grogard, Berge Tsanou. Self-financing model for cabbage crops. Conference on Mathematical Population Dynamics, Ecology and Evolution (MPDEE 2023), Apr 2023, Marseille, France. 10. V. S. Mfogo, A. Zemkoho, L. Njilla, M. Nkenlifack and C. Kamhoua, "AIIPot: Adaptive Intelligent-Interaction Honeypot for IoT Devices," 2023 IEEE 34th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), Toronto, ON, Canada, 2023, pp. 1-6, doi: 10.1109/PIMRC56721.2023.10293827 11. A. B. Bomgni, C. E. Mbotchack Ngale, S. Aryal, M. J. Nkenlifack, V. Gadhamshetty and Z. Etienne Gnimpieba, "NLPADADE: Leveraging Natural Language Processing for Automated Detection of Adverse Drug Effects," 2023 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), Istanbul, Turkiye, 2023, pp. 4480-4487, doi: 10.1109/BIBM58861.2023.10385626. 12. A. B. Bomgni, D. Abdala, B. D. Shrestha Gurung, M. Julius Nkenlifack, V. Gadhamshetty and Z. Etienne Gnimpieba, "Fine-tuning a pre-trained Transformers-based model for gene name entity recognition in biomedical text using a customized dataset: case of <i>Desulfovibrio vulgaris</i> Hildenborough," 2023 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), Istanbul, Turkiye, 2023, pp. 4473-4479, doi: 10.1109/BIBM58861.2023.10385403.

2024	1- E. Tchaptchet, E. Fute Tagne, J. Acosta, Rawat Danda, C. Kamhoua, Detecting Deepfakes Using Gan Manipulation Defects in Human Eyes, international Workshop networking and communication (CNC), 2024 2- Tim, Ngolah K., Kamla, V., E. Fute Tagne (2024). Machine Learning Techniques for the Management of Diseases: A Paper Review. SAFER-TEA 2023. Social Informatics and Telecommunications Engineering, vol 566. Springer, Cham. https://doi.org/10.1007/978-3-031-56396-6_23 3- Edith Belise Kenmogne, Idriss Tetakouchom, Clémentin Tayou Djamegni, Roger Nkambou, Laurent Cabrel Tabueu Fotso, An Improved Algorithm for Extracting Frequent Gradual Patterns, Informatica 35(2024), no. 3, 577-600, doi:10.15388/24-INFOR566 4- Ariel Basso, Edith Belise Kenmogne, Benoît Frénay, Fast k-means with Stable Instance Sets. In: International Joint Conference on Neural Networks, Yokohama, Japan, June 30n- July 5, 2024, pp. 1–8. IEEE; https://doi.org/10.1109/IJCNN60899.2024.10650923 5- Tayou Djamegni Clémentin, Tabueu Fotso Laurent, Kenmogne Edith Belise, Un nouvel; algorithme d'extraction des motifs graduels appelé Sgrite. CARI'2020, Ecole; Polytechnique de Thiès, Sénégal, Octobre, 2020. https://www.cari-info.org/ 6- 24th Workshop on algebra and logic (AAL-24), University of Yaoundé 1, Yaoundé Cameroon, September 03-06, 2024, Oral Presentation: Hypertreillis distributifs et applications 7- The 9th edition of the conference TACL (Topology, Algebra and Categories In Logic), Barcelona, 1-5 July -2024, Spain 8- Workshop AAA.105 (Arbeitstagung Allgemeine Algebra), Prague, May 30 - June 2nd, 2024, Czech Republic 9- Grace Colette Tessa Masse, Abderrahim Benslimane, Vianney Kengne Tchendji, and Ahmed H. Anwar. A Secure Hierarchical Federated Learning Using Dirichlet-based Trust Management. 2024 International Conference on Computing, Networking and Communications (ICNC): Wireless Ad hoc and Sensor Networks. pp 1098-1103, 2024, IEEE. https://doi.org/10.1109/ICNC59896.2024.10556163 10- F. Mvah, Vianney Kengne Tchendji, Clémentin Tayou Djamegni, H. Ahmed Anwar, K. Deepak Tosh and Charles Kamhoua. Deception-based IDS against ARP Spoofing Attacks in Software-Defined Networks. 2024 Workshop on Computing, Networking and Communications (CNC), pp 188-192, IEEE. https://doi.org/10.1109/ICNC59896.2024.10556188 11- Participation to " MICT SETA 4IR RESEARCH CHAIR SYMPOSIUM, EXPO AND LAUNCH OF THE MEDIA, INFORMATION AND COMMUNICATION TECHNOLOGIES (MICT SETA) - VAAL UNIVERSITY OF TECHNOLOGY (VUT) 4IR RESEARCH CHAIR" held on the 25th and 26th of October 2024 in South Africa. Topic: "Impact of Generative Artificial Intelligence on Future Skills." 12- Honarium talk given in the Stochastics Research Seminar at the University of Cottbus, Germany. 13- Aurelien Kambeu Youmbi, Suzanne Touzeau, Frédéric Grogard, Berge Tsanou. Biological control of diamondback moth: a mathematical approach. 15th International Conference on Dynamical Systems Applied to Biology and Natural Sciences (DSABNS), Feb 2024, Caparica, Portugal. 14- Nguedia Momo M. D., Zekeng Ndadji, M. M., Tchoupe Tchendji M., Tonle Noumbo F. B.: Expressiveness of the LSAWfP Workflow Language Compared to BPMN. In: CARI 2024 Proceedings. https://www.cari-info.org/call-cari2024-2/ 15- Tiyo Melong R., Lacmou Zeutouo J., Zekeng Ndadji M. M., Tchoupé Tchendji M.: A DSL for Dynamic Programming: Generating Sequential and Parallel Code. In: CARI 2024 Proceedings. https://www.cari-info.org/call-cari2024-2/
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	16- International Conference of Geometry (2024), African Institute of Mathematical sciences (AIMS), Limbé-Cameroon 14-17 May 17- Workshop on Geometry. Université de Yaoundé 1, 18-21 June 2024, Cameroun 18- International Conference of Mathematics and Applications of Vienna in Austria (2-5 November 2021) 19- P. C. Kamdem, A. Zemkoho, L. Njilla, M. Nkenlifack and C. Kamhoua, "Bayesian Game for Cyber Deception Against Remote Attack on Automotive Systems," 2024 International Conference on Computing, Networking and Communications (ICNC), Big Island, HI, USA, 2024, pp. 387-393, doi: 10.1109/ICNC59896.2024.10556376. 20- Marcellin NKENLIFACK, Partage d'expérience en IA : Présentation de quelques Projets sur l'IA, African Union of Broadcasting-Unesco Summit on Artificial Intelligence and the Media, 4 - 6 March 2024, Yaoundé, Cameroon
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-ORGANISATION DES CONGRES, COLLOQUES ET CONFERENCES SCIENTIFIQUES

Année	ORGANISATION DES CONGRES, COLLOQUES ET CONFERENCES SCIENTIFIQUES
2019	1- Coordonnateur du « International Scientific Committee » (ISC) & «Organizing Comitee» (OC) de « Colloquium of Mathematics and Computer Science, 08 – 12 april 2019, Dschang, Cameroon », http://cmi2019.univ-dschang.org 2- Membre du «Comité Scientifique», Journées de Recherche de l'ENS de Bertoua de l'Université de Ngaoundéré, sur le thème « Regards croisés sur le métier de l'enseignant au Cameroun à l'ère du Numérique », 6 décembre 2019, Bertoua, Cameroun
2020	1- Membre du « Scientific Committee » (ISC) & «Organizing Comitee» (OC) de « Enterprise, Research and Development Forum (EREDEF-2020), 24 – 28 novembre 2020, Dschang, Cameroon », http://fered2020.univ-dschang.org 2- Member of the « Scientific Committee » of the 20th International Conference of Computational Science and Its Applications–ICCSA 2020, held in Cagliari, Italy, between the 1st and 4th of July 2020 3- Coordonnateur du « International Scientific Committee » (ISC) & «Organizing Comitee» (OC) de « Enterprise, Research and Development Forum (EREDEF-2020), 24 – 28 novembre 2020, Dschang, Cameroon », http://fered2020.univ-dschang.org
2021	1- Membre du « Technical Program Committee » (TPC) de « IndabaX-Cameroon: Machine Learning and its Applications in Cybersecurity (17-18 November 2021), Dschang »; https://sites.google.com/view/indabaxcameroon-2021/ 2- Member of the « Scientific Committee » of the 21th International Conference of Computational Science and Its Applications–ICCSA 2021, held in Cagliari, Italy, between the 13th and 16th of September 2021 3- Coordonnateur du « Technical Program Committee » (TPC) de « IndabaX-Cameroon: Machine Learning and its Applications in Cybersecurity (17-18 November 2021), Dschang »; https://sites.google.com/view/indabaxcameroon-2021/ 4- Membre du « Scientific Committee » de « The Energy2021 international Conference on “Renewable Energy and Digital Technologies for the Development of Africa”, 18 - 20 novembre 2021, Salle des conferences du MINRESI, Yaoundé, Cameroon »; http://energyconference2021.com/ 5- Membre du « Scientific Committee » (SC) de « The International Symposium on Cybercrime and Cyber Security in Cameroon and Africa, 5-6 may 2021, Palais des congress de Yaoundé, Cameroon »
2022	1- Member of « Organization comitee » (OC) of « African Conference on Research in Computer Science and Applied Mathematics (CARI-2022), Tunis-Tunisia, Yaounde & Dschang-Cameroon, 04 – 07 October 2022 ». https://www.cari-info.org/cari-2022-tunis-yaounde/

DEPARTEMENT DE PHYSIQUE

	2- Coordinator of « Organization comitee » (OC) of « African Conference on Research in Computer Science and Applied Mathematics (CARI-2022), Tunis-Tunisia, Yaounde & Dschang-Cameroon, 04 – 07 October 2022 »; https://www.cari-info.org/cari-2022-tunis-yaounde/ 3- Scientific Editor, Proceeding of the “African Conference on Research in Computer Science and Applied Mathematics” (CARI-2022), Tunis-Tunisia, Yaounde & Dschang-Cameroon, 04 – 07 October 2022. https://hal.science/CARI2022/ 4- Membre du « International Scientific Committee » (ISC) de « The 1st International Conference on Engineering Sciences and Development (ICESD), 16 – 18 March 2022, Bandjoun, IUT-FV of Univ of Dschang, Cameroon »; http://iutentcam.org/ 5- Coordinator of « Technical Program Committee » (TPC) of « IndabaX-Cameroon Conference : Machine Learning and Cybersecurity (29 sept – 02 oct 2022), Dschang »; https://www.youtube.com/watch?v=oZb-wuHdLag&list=PLf3xbcyxwMzuSg-cQfjyGBz1B3uidh0sn&index=1
2023	9- Member of the « Program Committee » of the International Conference on Advance Research in Technologies, Information, Innovation and Sustainability (ARTIIS 2023), held at Universidad a Distancia de Madrid, Spain, between the 18th and 20th of October 2023
2024	1- Member of the « Program Committee » of the International Conference on Advance Research in Technologies, Information, Innovation and Sustainability (ARTIIS 2024), held at Universidad Andrés Bello, Santiago de Chile, Chile, between the 21th and 24th of October 2024

6-Departement de Physique

Publications Scientifiques

2024	- Intermittent-like Synchronization and Desynchronization Phenomena in a Colpitts Network Model, Victor E. Camargo, Patrick Louodop, Hilda A. Cerdeira and Fernando F. Ferreira, Chaos 34, 053107 (2024). Effective Control Scheme of PWM Universal Motor with Coulomb Friction based on Particle Swarm Optimization, A Soup Tewa Kammogne, M Siewe Siewe, Patrick Louodop, G Kenne, Journal of Applied Nonlinear Dynamics 13(01) 155-175 (2024). - Expected and unexpected routes to synchronization in a system of swarmalators, S. J. Kongni, T. Njougouo, Patrick Louodop, Robert Tchitnga, F. F. Ferreira and H. A. Cerdeira, Physical Review E 110, L062301 (2024). - Chimera state in neural network with the Proportional-Integral-Derivative coupling, A. M. Abdoulaye, V. N. Meli, S. J. Kongni, T. Njougouo and Patrick Louodop, Chaos Solitons and Fractals 191, 115847 (2025). - J Venkatesh, ST Nkengne, ST Kingni, HB Fotsin, DC Sekhar, K Rajagopal , 2024 Dynamics, Controls of the Nonsmooth-Air-Gap Brushless Direct Current Motor Under the Influence of Temperature and Embedded in a Microcontroller Journal of Control, Automation and Electrical Systems 35 (6), 1121-1134 - NH Alombah, A Harrison, S Kamel, HB Fotsin, M Aurangzeb, 2024, Development of an efficient and rapid computational solar photovoltaic emulator utilizing an explicit PV model Solar Energy 271, 112426 - Fotsing, JM Moukam Kakmeni, A Tiedeu, HB Fotsin, 2024, Image encryption algorithm based on 2D logistic map system in IoHT using 5G network Multimedia Tools and Applications 83 (10), 30819-30845 - JV Ngamsa Tegnitsap, R Kengne, LC Djoufack Nkengfack, HB Fotsin, 2024, Spatiotemporal patterns in a network of locally and magnetically coupled VDPCL Oscillators, The European Physical Journal Plus 139 (2), 191 - P Deivasundari, MK Nono, EBM Ngouonkadi, HB Fotsin, A Karthikeyan , 2024, Bistability and chaotic behaviors in a 4D cancer oncolytic Virotherapy mathematical model: Pspice and FPGA implementations Physica Scripta 99 (3), 035227 - MBS Tsefack, JVN Tegnitsap, HB Fotsin, EBM Ngouonkadi, 2024, Dynamics of high-power coupled nonlinear oscillator arrays for electronic beam steering technique: case of the triode based van der Pol oscillator, Physica Scripta 99 (2), 025222,
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11. VK Tamba, ALM Biamou, FK Tagne, ACN Takougang, HB Fotsin, Hidden extreme multistability in a smooth flux-controlled memristor based four-dimensional chaotic system and its application in image encryption 2024, *Physica Scripta* 99 (2), 025210,
12. FT Pouomogne, MBS Tsefack, S Knorn, HB Fotsin, AT Kouanou, 2024, Community Farm monitoring toolkit: Design and implementation of a Low-cost tool for sustainable community based agricultural projects in Africa, *IFAC-PapersOnLine* 58 (25), 43-48,
13. Stability and synchronization in neural network with delayed synaptic connections, 2024, *Chaos: An Interdisciplinary Journal of Nonlinear Science* 34 (1)
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Participation aux congrès, colloques et conférences scientifiques

	<u>Participation aux congrès, colloques et conférences scientifiques</u>
2023	1- Patrick Louodop: Online participation to the international conference « Perspectives in Nonlinear Dynamics 2023 », Indian Institute of Technology of Madras, India 2- Patrick Louodop, Sadrine Mabekou: Organizer of the Cameroon’s First School on Nonlinear Dynamics and Complex Systems on Hypergraphhs, University of Dschang, Cameroon 3- Patrick Louodop, Sadrine Mabekou: Local Organizer of the International Conference: «High Level Physics and Appropriate Solutions to real Life Problems in Developing Countries », 7TH Edition, University of Dschang, Cameroon.

**DEPARTEMENT DES SCIENCES
DE LA TERRE**

	4- Merlin Nguenang: 7th International Conference on « High level physics and appropriate solutions to real life problem in developing countries », Cameroon Physical Society (CPS) Conference. 5- Merlin Nguenang: ICTP Summer School on Climate Modelling (Speaker) 6- Fidele Koumetio: Ndongmo, G. N., Koumetio, F., Ngague, F., and Lemoubou, E. L. 2023. Detection and characterization of lineaments using gravimetric methods in the South West Cameroun: hydrogeological implication. 7th International Conference of Cameroon Physical Society, 05 – 08 December 2023, University of Dschang, Cameroon. 7- Christian Sadem: 08/12/2023-16/01/2022: Speaker, IAP – Meeting (UM6P Benguerir Campus, Morocco)
2022	1- Patrick Louodop: Online participation to the international workshop on Chimera States: From Theory and Experiments to Technology and Living Systems. In the Max Planck Institute for the Physics of Complex Systems (MPIPKS) in Dresden Germany. 2- Merlin Nguenang: Workshop on « Deep pedagogical approaches: Pedagogical alignment, syllabus development, evaluation, NTIC, distance learning and cyber-security » 3- Christian Sadem: 26/01/2022 – 28/01/2022: Speaker, Journées Scientifiques (Université des Sciences et techniques et Masuku, France Ville, Gabon)
2021	1- Fidele Koumetio: Kenyo Wamba I.B., Koumetio F., Kwekam M., Kengni L.2021. Caractérisation des linéaments par méthode gravimétrique dans l’Est-Cameroun : implications structurale, hydrogéologique et dans l’évaluation des risques naturels. Colloque de l’Association Camerounaise de Géosciences, 08 – 10 Decembre 2021, Université de Dschang, Cameroun. 2- Fidele Koumetio: Nkamgan Ndongmo G., Koumetio F., Ngague F., Lemoubou E.L. 2021. Caractérisation des structures superficielles par méthodes gravimétriques dans le Sud-Ouest Cameroun : implications hydrogéologiques. Colloque de l’Association Camerounaise de Géosciences, 08 – 10 Decembre 2021, Université de Dschang 3- Christian Sadem: 23/12/2021 – 24/12/2021: Speaker, JMCON conference on Nanosciences, Condensed Matter physics, Optics and applications (UM6P,Benguerir Campus, Morocco)
2020	1- Christian Sadem: 10/08/2020 – 14/08/2020: Participant, Online School on Ultra Quantum Matter (Perimeter Institute, Canada) 2- Christian Sadem: 09.2020:Participant, On-line Workshop on Excited Charge Dynamics in Semiconductors (Trieste, ICTP)
2019	1- Patrick Louodop: “School and Workshop on Patterns of Synchrony: Chimera States and Beyond” at the Abdus Salam International Centre for Theoretical Physics (ICTP), in Trieste Italy. 2- Patrick Louodop, Merlin Nguenang, Sandrine Mabekou: International Conference: «High Level Physics and Appropriate Solutions to real Life Problems in Developing Countries », 6TH Edition, University of Dschang, Cameroon. 3- Konga, G., P., Koumetio, F., Yemele, D. and Tanekou, G. B. 2019. Earthquake dynamic and thermal energy produced in seismic fault: influence on the spatiotemporal distribution of temperatures and electrical resistivities in the subsurface. 6th International Conference of Cameroon Physical Society, 25 – 30 November 2019, University of Dschang, Cameroon . 4- Fidele Koumetio: Fofie, K. A. D., Koumetio, F., Kenfack, J. V., Yemele, D. 2019. Geophysical investigation using gravity data in the Garoua Zone, North Cameroon: Hydrogeological and Natural risks implications. 6th International Conference of Cameroon Physical Society, 25 – 30 November 2019, University of Dschang, Cameroon .

7-Département des Sciences de la Terre

Publications scientifiques

Année	
2019	1. Bokanda Ekoko B., Ekomane E., Kenfack Nguemo G.R., Njilah Konfor I., Ashukem Nkongho E., Tematio P., Bisse S.B., Ngueutchoua G., Orock Ngui S., Belinga Belinga C. 2019. Provenance, paleoclimate and diagenetic signatures of sandstones in the Mamfe Basin (West Africa), <i>Heliyon</i> 5, doi: 10.1016/j.heliyon.2019.e01140 2. Bomeni I Y, Wouatong ASL Ngapgue F, Kamgang Kabeyene V, Fagel N. 2019. Mineralogical Transformation and Microstructure of the Alluvials Clays. <i>Science of Sintering</i>, 51 1-14 3. Fofie Kokea A. D., Koumetio F., Kenfack J. V., Yemele D. 2019. Lineament characteristics using gravity data in the Garoua zone, North Cameroun: natural risks implications. <i>Journal of Earth and Planetary Physics</i> 3, 33–44. 4. Fondzenyuy Vitalis Fonfo, Kengni L. & Temgoua E. 2019. The HI 83200 Multiparameter Bench Photometer Apparatus for In-situ Physico-Chemical Analysis and Impact on Data Reliability in Water Quality Assessment and Monitoring. <i>International Journal of Biology, Physics & Mathematics</i>, Volume 2, Issue 1, page 50 – 57, ISSN: 2721-3757. 5. Fondzenyuy Vitalis Fonfo, Kengni L. & Temgoua E. 2019. Water Quality and Suitability Evaluation for Drinking, Domestic and Agricultural Uses (Evaluation of Some Water Catchments in Bui Division, North West Region of Cameroon). <i>International Journal of Biology, Physics & Mathematics</i>, Volume 2, Issue 2, page 14 – 49, ISSN: 2721-3757 6. Fondzenyuy Vitalis Fonfo, Kengni L., Temgoua E. & Kahnji Iren Njoyim. 2019. A Physico-Chemical Characterisation of Alternative Water Sources (Study in Nkum Subdivision of Bui Division, North West Region of Cameroon). <i>International Journal of Biology, Physics & Mathematics</i>, Volume 2, Issue 1, page 129 - 141, ISSN: 2721-3757 7. <u>Fondzenyuy Vitalis Fonfo, Kengni L., Temgoua E. & Kahnji Iren Njoyim. 2019. The Physico-Chemical and Bacteriological Characterisation of Alternate Water Sources: Implication on Drinking, Domestic and Agricultural Uses. <i>International Journal of Biology, Physics & Mathematics</i>, Volume 2, Issue 1, page 11 -49, ISSN: 2721-3757</u> 8. Fondzenyuy Vitalis Fonfo & Kengni L. 2019. Subsidence within the locality of water bodies in Bui division, North West region of Cameroon (Case Study of Bamkikaiy West-End water source). <i>International journal of noel research in civil structural and earth sciences</i>, Vol. 6, Issue 1, ISSN 2394-7357 9. Fondzenyuy Vitalis Fonfo & Kengni L. 2019. Oxidation phenomenon of ferrous to ferric iron in water sources of Bui division, North West region of Cameroon (Case study of Mbiame water catchment). <i>International journal of noel research in interdisciplinary studies</i>, Vol. 6, Issue 2, ISSN 2394-9716 10. Fopoussi Tuebue J.C., Basga S.D., Tematio P., Nguetnkam J.P. (2018). Effect of trachyte powder, human urine and reserved water from cooked beans on andosols fertility in Cameroonian Western Highlands, <i>Asian Journal of Soil Science and Plant nutrition</i>, 3(2): 1 - 17 11. Fozing E. M., M. Kwékam, M. Gountié Dedzo, A.N.E. Asaah, T. Njanko, J. Tcheumenak Kouémo, J. Efon Awoum, E. Njonfang 2019. Petrography and geochemistry of amphibolites from the Fomopéa Pluton (West Cameroon) : origin and geodynamic setting. <i>Journal of African Earth Sciences</i> 154, 181-194. 12. Fozing E.M., A.C. Mengou, T. Njanko, A. Téfo Fokoua, I. K. Tiseh, M. Kwékam, C. Chatué Njiki 2019. Synkinematic emplacement of the Dschang granitic pluton (West Cameroon): Constraints from microstructures and magnetic fabrics. <i>Journal of African Earth Sciences</i> 156, 144-157. 13. Gountié Dedzo M., A.N.E. Asaah, E.M. Fozing, B. Chako Tchamabé, G. Tefogoum Zangmo, N. Dagwai, D. Tchokona Seuui, P. Kamgang, F. Tongwa Aka, T. Ohba 2019. Geochemistry and petrology of lavas from Gawar, Minawao and Zamay volcanoes of the northern segment of the Cameroon Volcanic Line (Central Africa): Constraints on mantle source and geochemical evolution. <i>Journal of African Earth Sciences</i> 153, 31-41. 14. Kawan Mertens, Liebest Jacobs, Jan Maes, Armand Kagou Dongmo, Bosco Bwambale, Astrid de Hontheim, Olivier Dewitte, Clovis Kasaseke, Jean Poesen, Liebest Vranken, Matthieu Kervyn, 2018. Landslides in Equatorial Africa : Identifying culturally, technically and economically feasible resilience strategies. <i>Afreslide conference</i>, 6th February, Kampala, Ouganda. 15. Kengni L., A.N. Mbousso, A. Njueya Kopa, C.M. Tankou, P. Tematio, J.R. Ndam Ngoupayou, 2019. Rainfall variability on the southern slope of the Bambouto mountain (West-Cameroon) and impact on the crop cultivation calendar. <i>Journal of African Earth Sciences</i> 154,164-171. 16. Kenmoe O R M, V Yatto Katte, F Ngapgue & A.S.L Wouatong (2019) Mineralogical, geotechnical characterization and stability of the cut slopes of Widikum and its surroundings (North-West Cameroon). <i>Earth Science Research</i>; 8 (1) doi:10.5539/esr.v2n2p93

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Participation aux congrès, colloques et conférences scientifiques

Année	Participation aux congrès, colloques et conférences scientifiques
2019	1. Kopa N A, Lucas Kengni, Mathias Fru Fonteh, Jean Victor Kenfack, David Guimolaire Nkouathio, Stephanie Chezie Dannou, 2019. Caractérisation hydrogéophysique des aquifères et productivité des forages sur socle gneissique : cas de la localité de Makénéne (centre – Cameroun). <i>2^{ème} Colloque Géosciences, Yaoundé du 4 au 7 Décembre 2019</i>. 2. Arnaud Tonang Zebaze, Adoua Kopa Njueya, Maurice Kwekam, and Emile Temgoua, 2019. Influence of geological structures and lithology on the quality and dynamics of groundwater in the Mbakaou Region (Adamawa -Cameroon). <i>2^{ème} Colloque Géosciences, Yaoundé du 4 au 7 Décembre 2019</i>. 3. Imérina Kopa Tankeuoo, Lucas Kengni, Adoua Kopa Njueya, David Guimolaire Nkouathio, Orlène Mbianda Mfong-ya, Stéphanie Chezie Dannou, 2019. Apport des Sondages Electriques Verticaux à la caractérisation des Aquifères dans les Hautes Terres de L'Ouest : Cas de Balengou et ses environs. <i>2^{ème} Colloque Géosciences, Yaoundé du 4 au 7 Décembre 2019</i>. 4. Mbianda N. O.L, Kengni. L, Njueya K. A, Kamtchueng. B.T, Tankeuoo. K. I, Ntchambia D. E. D. Caractérisation électrique des aquifères et de leurs ressources en eau dans la ville de Bafoussam (Ouest-Cameroun). <i>2^{ème} Colloque Géosciences, Yaoundé du 4 au 7 Décembre 2019</i>.
2021	1. Manefouet Bertille Ilalie K, 2021. Comparative study of the compressive strength of hollow concrete blocks made in two factories in the city of Yaoundé based on local and imported cement. <i>Proceedings of the 19th Japan-Korea-France-Canada. Joint Seminar on Geoenvironmental Engineering</i>, p185-199.
2022	1. Manefouet Bertille Ilalie Kentsa, 2021. Comparative study of the compressive strength of hollow concrete blocks made in two factories in the city of Yaoundé based on local and imported cement. <i>Proceedings of the 19th Japan-Korea-France-Canada. Joint Seminar on Geoenvironmental Engineering</i>, p185-199.

	2. Mbianda Nfong-Ya O.L., Kengni L., Njueya Kopa A., Kamtchueng Tchakam B. 2022. Geophysical and hydrochemical characterization of aquifers in the town of Bafoussam (West-Cameroon). <i>7^e Atelier Régional des Centres d'Excellence de l'Enseignement Supérieur en Afrique pour l'impact sur le développement, Cotonou, Bénin, du 13 au 17 juin 2022.</i>
2024	1. Kwékam M., Fozing E.M., Tcheumenak Kouémo J., Njonfang E., 2024. Ferro-potassic alkali-calci granites from Dschang: geochemistry and U-Pb data constraint of the Pan-African continental crust evolution (West-Cameroon). <i>Géologie et ressources naturelles en Afrique centrale, Brazzaville, 5-7 décembre 2023, Book Conference 53.</i> 2. Njuikom Djoumbi V.H., Tiomo I.F., Tassongwa B., Katte Yato V., Armand Sylvain Ludovic Wouatong A.S.L. (2023). Effects of palm kernel shells (PKS) on mechanical properties of fine lateritic soils developed on basalt in Bangangté (West-Cameroon): application in road rehabilitation. <i>Semaine de la Valorisation Scientifique et Culturelle (SVSC-2023), du 10 au 16 novembre 2023, Univ. Dschang, Poster.</i> 3. Nko C., Tassongwa B., Bomeni I.Y., Kuepo Tayomnou C.D. (2023). Formulation des briques de terre légères stabilisées à base des cendres pouzzolaniques de Baleng pour les constructions en hauteur : propriétés minéralogiques, physiques, et mécaniques. <i>Semaine de la valorisation scientifique et culturelle (SVSC-2023), du 10 au 16 novembre 2023, Univ. Dschang, Poster.</i> 4. Suffeu Talla T. B., Njuikom Djoumbi V. H., Katte Yato V., Kenfack J.V., Manefouet Kentsa B. I., Teikeu Ngueveu E. D., Demanou Messe M. R., Wouatong A.S.L (2024) Correlation between soil physical parameters and the dynamic resistance in Penka-Michel (Western Cameroon) and its surroundings. <i>Scientific Reports</i> 5. Talla Toteu R., Kenfack J. V., Kengni L., Njueya Kopa A., Kenzo-Tongnang M. L.S., Tchoumtchoua T. S., (2023). Contribution of vertical electrical soundings, Landsat 8 and SRTM images to the comparative study of the hydrogeological characteristics of the Foto, Keleng and Foréké areas, West Cameroon. <i>Semaine de valorisation Scientifique et Culturelle (SVSC-2023), du 10 au 16 Novembre 2023, Univ-Dschang, Poster.</i> 6. Tematio Pamela S, Tassongwa B, Bomeni I Y (2024). Caractérisation physique, mécanique et acoustique des briques de terre stabilisées aux coques d'arachides et de la poudre de termitière. <i>Colloque des Journées de Chimie Analytique (JCA), 28 au 30 août 2024, Dschang.</i>

Organisation des congrès, colloques et conférences scientifiques

Année	Organisation des congrès, colloques et conférences scientifiques
2022	3 ^e Colloque de l'Association Camerounais de Géosciences (CAG Dschang 2021), organisée à l'Université de Dschang du 08 au 11 décembre 2021.

CONCLUSION

Les données compilées dans ce rapport illustrent la vitalité de la recherche à la Faculté des Sciences de l'Université de Dschang entre 2019 et 2024. Avec plus 1750 publications scientifiques et plus 35 événements académiques et scientifiques organisés, les départements, en particulier ceux de Biologie Animale et de Biochimie, ont démontré leur leadership dans la production et la diffusion des connaissances. Ces réalisations témoignent de l'engagement des enseignants-chercheurs à relever des défis scientifiques locaux et globaux. Toutefois, les enseignants-chercheurs sont invités à plus de projets innovants devant aboutir à des brevets d'inventions.

Pour consolider ces acquis, il est essentiel de renforcer les financements, les collaborations interdisciplinaires et les infrastructures de recherche. En poursuivant cette dynamique, la faculté pourra amplifier son impact sur le développement socio-économique et positionner davantage le Cameroun sur l'échiquier scientifique mondial.