**CURRICULUM VITAE**

**PERSONAL INFORMATION**

**Name:** Gustav Komlaga

**Position**: Associate Professor of Pharmacognosy

**Current address:** Faculty of Pharmacy and Pharmaceutical Sciences, KNUST, Kumasi, Ghana

**Email addresses:** [gkomlaga.pharm@knust.edu.gh](mailto:gkomlaga.pharm@knust.edu.gh); [gustkomla@yahoo.com](mailto:gustkomla@yahoo.com); [gkomlaga@gmail.com](mailto:gkomlaga@gmail.com)

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**EDUCATION AND QUALIFICATIONS**

1. **Where educated**

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| --- | --- | --- |
| **Secondary School/College/University** | **Date** | |
| **From** | **To** |
| Kwame Nkrumah University of Science and Technology (KNUST)/Université University of *Paris*-*Saclay*, Chatenay Malabry, France. (PhD) | 2011 | 2015 |
| KNUST (MPharm) | 2002 | 2004 |
| The Robert Gordon University, Aberdeen. By distance learning. | 2003 | 2004 |
| KNUST (BPharm) | 1996 | 2000 |
| Mawuli School, Ho (A’Level) | 1990 | 1992 |
| Asuom Secondary School (O’Level) | 1985 | 1990 |

1. **Qualifications Year**

PhD (Pharmacognosy/Microbiology) 2016

MPharm (Pharmacognosy) 2005

Certificate (Management of Drug Supplies) 2004

BPharm (Pharmacy) 2000

A’ level Certificate 1993

O’ level Certificate 1990

**UNIVERSITY TEACHING AND RESEARCH EXPERIENCE**

1. Ass. Professor, KNUST, Kumasi, August 2019 to date.
2. Senior lecturer, KNUST, Kumasi, October 2011 to July 2019.
3. Part-time Lecturer, University of Ghana School of Pharmacy, UG, Legon, Accra. 2010
4. Adjunct lecture, Department of Pharmacy, Central University College, Miotso, Tema, 2010
5. Lecturer, KNUST, Kumasi, December 2005 to September 2011.
6. Demonstrator, KNUST, Kumasi, September 2002 to December 2004.
7. Teaching assistant, KNUST, Kumasi, September 2000 to August 2001

**UNIVERSITY SERVICE**

1. Head of Department, Department of Pharmacognosy, KNUST, January 2022
2. Chairman, Proposal Review Committee-PhD Haematology Programme, July 2021
3. Member, College of Health Sciences Facilities Management Committee, July 2021
4. Member, Committee for the development of Pharm D program for Degree holders, November 2020.
5. Member, Faculty Library Committee, March 2019-2021
6. Member, panel for KNUST SRC ‘KETEWA BIARA NSUA’ and KNUST BURSARY interview, April 2019.
7. Member, PharmD top-up Programme Accreditation Committee, March 2019
8. Acting Head of Department, Pharmacognosy Department, 28-30th November, 2018
9. Mentor/Counsellor for Residents of Annex, 3rd Floor Rooms 25 A-32 A, Independence Hall, September 2018
10. Member, Faculty Library, ICT, and Reading Room Restructuring/Refurbishment Committee, Dec. 2018
11. Hall Fellow, Independence Hall, September 2016-date
12. Chairman, Committee for the Transition to the New FPPS building, September 2016
13. Member, Committee for the commissioning of New FPPS Building, July 2016
14. Member, Animal Ethics Committee, FPPS, 2015 mtm
15. Academic Tutor, 2007 to date

**NATIONAL SERVICE**

1. Moderator for Doctor of Pharmacy programme (Pharmacognosy), Entrance University College of Health Sciences, Accra, an affiliate of KNUST, August 2022-July 2024.
2. External Assessor for Promotions, University of Ghana, Accra, May 2021-date
3. Moderator for Doctor of Pharmacy programme (Pharmacognosy), Kings and Queens Medical Collelge, Akosombo, an affiliate of KNUST, August 2020- July 2022.
4. External examiner, The Entrance University College of Health Sciences, Accra, May 2019
5. External examiner, University of Health and Allied Sciences, Ho, 2019-date

**INTERNATIONAL SERVICE**

1. Reviewer, Proposal for Doctor of Traditional African Medicine (DTAM) programme, Skyline University of Nigeria, Kano, Nigeria –November 2022
2. Thesis Co-Supervisor, the Pan African University Institute of Life and Earth Sciences, University of Ibadan, Nigeria 2020/2021
3. Programme Moderator, 10th International Conference on Chinese Medicine, Ayurveda, Acupuncture, Berlin, Germany 04-05th March 2019.
4. Session Chair, Traditional Chinese Medicine/Ayurveda/Acupuncture, 10th International Conference on Chinese Medicine, Ayurveda, Acupuncture, Berlin, Germany 04-05th March 2019.
5. Speaker and Ghanaian delegates’ leader, MAP-Expo – The Global Marketplace for Medicinal & Aromatic Plants, the 2nd edition, 03 – 04 October 2018, Beursgebouw Eindhoven, the Netherlands
6. Host, study abroad group from the University of Wisconsin-Madison, USA, April 2017
7. Member, Editorial Board for SEJ Pharmacognosy and Natural Medicine from 2017
8. Member, Editorial Board for Int. Journal of Pharma Science and Scientific Research, from Nov. 2015
9. Reviewer, Parasitology Research, from November 2017 -date
10. Reviewer, Phytochemistry letters, from May 2017-date
11. Reviewer, Journal of Natural Products, from September 216-date
12. Reviewer, Journal of Ethnopharmacology, from October 2015-date
13. Reviewer, Scientific Africa, 2018- date

**PROFESSIONAL AFFILIATIONS**

1. Member, University Teachers Association of Ghana (UTAG)- 2005 to date
2. Member, Pharmaceutical Society of Ghana (PSGH) -2002 to date

**SCHOLARSHIPS AND GRANTS**

1. Scholarship for PhD Co-supervision: Embassy of France in Ghana/Government of France, 2012
2. Grant, KNUST Research Fund (KReF), 2018
3. Grant, KNUST Research Fund (KReF), 2017

**PUBLICATIONS**:

1. **Books**

Merlin L.K. Mensah, **Gustav Komlaga**, Arnold D. Forkuo, Caleb Firempong, Alexander K. Anning and Rita A. Dickson (January 30th 2019). Toxicity and Safety Implications of Herbal Medicines Used in Africa, Herbal Medicine, Philip F. Builders, IntechOpen, DOI: 10.5772/intechopen.72437. Available from: <https://www.intechopen.com/books/herbal-medicine/toxicity-and-safety-implications-of-herbal-medicines-used-in-africa>

[**Komlaga**](https://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&text=Gustav+Komlaga&search-alias=books&field-author=Gustav+Komlaga&sort=relevancerank)**, G**., [Pierre Champy](https://www.amazon.com/s/ref=dp_byline_sr_book_2?ie=UTF8&text=Pierre+Champy&search-alias=books&field-author=Pierre+Champy&sort=relevancerank), [Merlin L. K. Mensah](https://www.amazon.com/s/ref=dp_byline_sr_book_3?ie=UTF8&text=Merlin+L.+K.+Mensah&search-alias=books&field-author=Merlin+L.+K.+Mensah&sort=relevancerank) (2016). Medicinal plants and herbal products in malaria treatment in Ghana, Saarbrúcken, Deutschland/Germany, Lambert Academic Publication (LAP)

1. **Published conference papers**

**Gustav Komlaga**, Sandrine Cojean, Mehdi Beniddir, Christian Agyare, Merlin. L. K. Mensah, Pierre Champy, Philippe M. Loiseau. *Bambusa vulgaris* Schrad. ex J.C.Wendl. (Poaceae):a potential plant for treating malaria**.**  Proceedings of 10th International Confernce on Chinese medicine, Ayurveda and Acupuncture, Berlin, Germany, March 4th -5th, 2019.

**Gustav Komlaga** and Merlin L.K. Mensah Finished herbal products in Ghana. MAP-Expo – The Global Marketplace for Medicinal & Aromatic Plants, the 2nd edition, Beursgebouw Eindhoven, the Netherlands, **October** **3rd – 4th, 2018.**

**Gustav Komlaga**. The antiplasmodial compounds from *Phyllanthus fraternus*. International conference on Ayurveda, Herbal and Natural remedies for diabetes and endocrine disorders. September 5th – 7th September,2016, Beijing, China

1. **Journal Articles**

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| --- |
| Owojuyigbe, Oluwole S., Larbie, C., Firempong, C. K., **Komlaga, G**., Emikpe, B. O., & Oyagbemi, A. A. (2022). Hura crepitans stem bark extract: A potential remedy to sub-acute liver damage. *Journal of Ethnopharmacology*, *284*, 114768. <https://doi.org/10.1016/J.JEP.2021.114768> |
| Donkor, S., Larbie, C., **Komlaga, G**., & Emikpe, B. O. (2022). [Safety evaluation of hydroethanolic fruit extracts of Duranta erecta Linn](https://gsconlinepress.com/journals/gscbps/content/safety-evaluation-hydroethanolic-fruit-extracts-duranta-erecta-linn). GSC Biological and Pharmaceutical Sciences 18 (2), 154-167. https://doi.org/10.30574/gscbps.2022.18.2.0067 |
| **Komlaga, G**., Forkuo, A. D., Suleman, N., Nkrumah, D., Nketia, R., & Bekoe, S. O. (2021). Antimalarial Property and Acute Toxicity of the Leaves of Theobroma cacao L. *Evidence-Based Complementary and Alternative Medicine*, *2021*. <https://doi.org/10.1155/2021/2852442> |
| Adjei-Hinneh, G., **Komlaga, G.,** Asante-Kwatia, E., Yeboah Mensah, A. (2021). [Quality control standardization and evaluation of the anti-inflammatory and antipyretic effects of the leaves and stem bark of Amphimas pterocarpoides harms (Leguminosae)](https://academicjournals.org/journal/JPP/article-full-text-pdf/3E8F1D566669.pdf), J. Pharmacogn. Phytotherapy, Vol. 13(2), 46-59, DOI: 10.5897/JPP2020.0602 |
| Kablan, A. C. L., Konan, J. D., **Komlaga, G**., Kabran, F. A., Daouda, B., N’Tamon, A. D., … Champy, P. (2020). Five new cassane diterpenes from the seeds and bark of Erythrophleum suaveolens. *Fitoterapia*, *146*, 104700. https://doi.org/10.1016/j.fitote.2020.104700 |
| Owojuyigbe, Oluwole S, Firempong, C. K., Larbie, C., **Komlaga, G.,** & Emikpe, B. O. (2020). Hepatoprotective Potential of Hura crepitans L.: A Review of Ethnomedical, Phytochemical and Pharmacological Studies. *Journal of Complementary and Alternative Medical Research*, (1), 1–10. https://doi.org/10.9734/jocamr/2020/v9i230136 |
| Turkson, B. K., Mensah, M. L. K., Sam, G. H., Mensah, A. Y., Amponsah, I. K., Ekuadzi, E., **Komlaga,G**.,… Achaab, E. (2020). Evaluation of the Microbial Load and Heavy Metal Content of Two Polyherbal Antimalarial Products on the Ghanaian Market. *Evidence-Based Complementary and Alternative Medicine*, *2020*. https://doi.org/10.1155/2020/1014273 |
| Owojuyigbe, Oluwole S., Larbie, C., Firempong, C. K., **Komlaga, G**., Emikpe, B. O., & Otuechere, C. A. (2020). Extracts of Hura crepitans L. stem bark attenuate liver injury and inflammation induced by CCl4 in rats. *Comparative Clinical Pathology*, *29*(6), 1199–1208. https://doi.org/10.1007/s00580-020-03172-2 |
| Donkor, S., Larbie, C., **Komlaga, G**., & Emikpe, B. O. (2020). Toxicity of the Hydroethanolic Leaves Extract of Duranta erecta L. in Rat Models. *Journal of Pharmaceutical Rese.,arch International*, *32*(6), 9–18. https://doi.org/10.9734/jpri/2020/v32i630441 |
| Donkor, S., Larbie, C., **Komlaga, G**., & Emikpe, B. O. (2020). Evaluation of the Acute Hepatoprotective Potential of Hydroethanolic Extract of Duranta erecta L. Parts. *Journal of Toxicology*, *2020*, 1–10. https://doi.org/10.1155/2020/8815719 |
| Owojuyigbe, Oluwole S, Firempong, C. K., **Komlaga, G.,** Larbie, C., & Emikpe, B. O. (2020). Phytochemical, Antioxidant and Safety Evaluation of Hura crepitans (L.) Stem Bark Hydroethanolic Extract in Animals. *European Journal of Medicinal Plants*, *31*(8), 1–16. https://doi.org/10.9734/ejmp/2020/v31i830255 |
| Donkor, S., Larbie, C., **Komlaga, G**., & Emikpe, B. O. (2019). Phytochemical, Antimicrobial, and Antioxidant Profiles of Duranta erecta L. Parts. *Biochemistry Research International*. https://doi.org/10.1155/2019/8731595 |
| **Komlaga, G**., Gaveh, E., Jibira, Y., & Mensah, M. L. K. (2019). Phytochemistry, proximate and antioxidant properties of some indigenous leafy vegetables. *World Journal of Advanced Research and Reviews*, *3*(1), 012–022. <https://doi.org/10.30574/wjarr.2019.3.1.0044> |
| Mensah, M. L. K., **Komlaga, G**., D. Forkuo, A., Firempong, C., K. Anning, A., & A. Dickson, R. (2019). Toxicity and Safety Implications of Herbal Medicines Used in Africa. In Herbal Medicine. IntechOpen. <https://doi.org/10.5772/intechopen.72437> |
| **Komlaga, G**., Agyare, C., Dickson, R. A., Beniddir, M. A., Mensah, M. L. K., Champy, P. & Loiseau, P. M., (2016). Antiplasmodial activity of selected medicinal plants used to treat malaria in Ghana, Parasitology Research, DOI 10.1007/s00436-016-5080-8 |
| Dade M. E. J., Irie-N’guessan G, **Komlaga G**, Okpekon A. T., Say M, Boti B. J., Kablan J B., Bamba S. H. E. (2016). Pyrrolidine alkaloids and their glycosylated derivatives from the root bark of Dichrostachys cinerea (L) Wight & Arn. (Fabaceae). Phytochemsitry letters, 16, 268-276. |
| Dade, J. M.E., Kablan, L., Okpekon, T., Say, M., Yapo, K. D., **Komlaga, G**., Boti, J. B., Koffi, A. P., Guei, L. E., Djakoure, L. , Champy, P. (2016). Cassane diterpenoids from stem bark of Erythrophleum suaveolens [(Guill. et Perr.), Brenan]. Phytochemistry Letters, 12, 224-231. |
| Djakoure, L.A. Leon a.… Champy, P. (2015). Cassane diterpenoids from stem bark of Erythrophleum suaveolens [(Guill. et Perr.), Brenan]. Phytochemistry Letters, 12, 224–231. http://doi.org/10.1016/j.phytol.2015.04.002 |
| **Komlaga, G.,** Agyare, C., Dickson, R. A., Mensah, M. L. K., Annan, K., Loiseau, P. M., & Champy, P. (2015). Medicinal plants and finished marketed herbal products used in the treatment of malaria in the Ashanti region, Ghana. *Journal of Ethnopharmacology*, *172*, 333–46. <http://doi.org/10.1016/j.jep.2015.06.041> |
| **Komlaga, G**., Cojean, S., Beniddir, M. A., Dickson, R. A., Champy, P., Suyyagh-albouz, S., Jato J, & Loiseau, P. M. (2015). The Antimalarial Potential of Three Ghanaian Medicinal Plants. *Herbal Medicine: Open Access*, *1*(1), 1–6. |
| J. M.E. Dade, L. A. Kablan, T. A. Okpekon, M Say, K.D. Yapo, **G. Komlaga**, J. B. Boti, A. P. Koffi, L.E. Guei, L. A. Djakoure, & P. Champy (2015). Cassane diterpenoids from stem bark of *Erythrophleum suaveolens* [(Guill. et Perr.), Brenan]. Phytochemistry Letters 12: 224–231. |
| **Komlaga, G**, Sam, G.H, Dickson, R. A, Mensah, M.L.K & Fleischer, T. C. (2014). Pharmacognostic studies and antioxidant properties of the leaves of *Solanum macrocarpon*. Journal of Pharmaceutical Sciences and Research, 6 (1): 1-4. |
| R A. Dickson, T. C. Fleischer, E. Ekuadzi & **G. Komlaga** (2012). Anti-inflammatroy, antioxidant, and selective antibacterial effects of *Euadenia eminens* root bark. African Journal of Traditional, Complement and Alternative Medicine, 9(2): 271‐276 |
| TC. Fleischer, JA Sarkodie, **G Komlaga**, G Kuffour, RA Dickson & MLK Mensah (2011). Hypoglycaemic and Antioxidant Activities of the Stem Bark of *Morinda Lucida* Benth in Streptozotocin – Induced Diabetic Rats. Pharmacognosy Communications, 1(2), 23-29 |
| Dickson RA, Annan K & **Komlaga, G** (2011). Pharmacognostic Standardization of the Leaves and Root Bark of *Caesalpinia benthamiana*. Pharmacognosy Journal; 3 (24): 31-34 |
| Annan K, Jackson N, Dickson RA, Sam GH & **Komlaga G** (2011). Acaricidal effect of an isolate from *Hoslundia opposita* vahl against *Amblyomma variegatum* (Acari: Ixodidae). Phcog Res; 3:185-8 |
| Dickson RA, Ekuadzi E, Annan K & **Komlaga G** (2011). Antibacterial, anti-inflammatory, and antioxidant effects of the leaves and stem bark of *Glyphaea brevis* (Spreng) Monachino (Tiliaceae): A comparative study. Phcog Res; 3:166-72 |
| E. E. Mak-Mensah, **G. Komlaga** & E. O. Terlabi (2010). Antihypertensive action of ethanolic extract of *Imperata cylindrica* leaves in animal models. Journal of Medicinal Plants Research Vol. 4(14), pp. 1486-149. |
| T.C. Fleischer, M. L. K. Mensah, A. Y. Mensah, **G. Komlaga**, S. Y. Gbedema & H. Skaltsa (2008). Antimicrobial activity of essential oils of *Xylopia aethiopica*. African Journal of Traditional, Complementary and Alternative Medicines 5 (4): 391 – 393 |
| C. Agyare, A. Y. Mensah, K. Sarpong & **G. Komlaga** (2006). Antimicrobial activity of *Hymenostegia afzelii* and *Napoleanea vogelii*. Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromática**s** (BLACPMA), vol. 5 No 1. pp 11-14 |
| Y. Mensah, P. J. Houghton, C Agyare, **G. Komlaga**, M. L. K. Mensah, T. C. Fleischer & K. Sarpong (2006). Investigation of activity related to wound healing of *Secamone afzelii*. Journal of Science and Technology (JUST), Vol. 26, No 3. pp 83-87 |
| T. C. Fleischer, **G. Komlaga**, A. Y. Mensah, M. L. K. Mensah, E. Wood, I. K. Sawer & A. I. Gray (2006) Flavonoid constituent of the mature fruits of *Tetrapleura tetraptera*. Journal of Science and Technology, (JUST) Vol. 26, No 1, pp 47-53. |

**Referees**

**Prof. T. C Fleitcher**

**School of Pharmacy**

**UHAS, Ho**

**Ghana**

**Prof. M. L. K Mensah**

**Faculty of Pharmacy and Pharmaceutical Sciences**

**KNUST**

**Ghana**

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**Faculty of Pharmacy and Pharmaceutical Sciences**

**KNUST**

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**Prof. Gustav KOMLAGA**