Abdala Mumuni Ussif

Lecturer · Physiology
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RESEARCH

Interests	Neurodegeneration · biological and neurological indices of stress
Areas	Molecular Biology · Public Health, Environmental and Occupational Health · Social Psychology · Biological Psychiatry · Cellular and Molecular Neuroscience · Clinical Psychology

RESEARCH SUMMARY

11	86	5	3	1.64	22%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 11 publications listed below, 2013–2026. Field-weighted impact is the mean over the 9 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 9 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2011–present
Forensic Sciences, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

Dr. re. nat. 2014–present
Neurobiology, Universität Osnabrück, Osnabruck, Germany

MSc 2009–2011
Neuroscience, Kavli Institute for Systems Neuroscience at the Norwegian University of Science and Technology, Trondheim, Norway

BSc 2002–2006
Human Biology, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 10

1. Prince Amoah Barnie, Karen Pomeyie, Benjamin Amoani, Foster Kyei, **Abdala Ussif Mumuni**, Justice Afrifa, Samuel Essien-Baidoo, Daniel Boison (2026). CD4+T cell metabolic reprogramming as therapeutic targets in neurodegenerative diseases. *Molecular Brain*. https://doi.org/10.1186/s13041-026-01282-6
2. Augustine Anane Oppong, Gordon Kyei, Isaiah Kofi Arhin, **Abdala Mumuni Ussif**, Francis Tanam Djankpa, Daniel Lawer Egbenya (2025). Compliance with standard precaution protocols among healthcare workers at the Cape Coast Metropolitan Hospital, Ghana. *Environmental Disease*. https://doi.org/10.4103/ed.ed_6_25
3. Nana Ama Otua Otabil, **Abdala Mumuni Ussif**, Francis Tanam Djankpa, Kwasi Agyen-Mensah, Daniel Lawer Egbenya (2025). Prior Knowledge of Epilepsy Predicts Positive Attitudes and Practices Toward Persons Living With Epilepsy. *Brain and Behavior*. https://doi.org/10.1002/brb3.71161
4. **Abdala M Ussif**, Daniel L Egbenya, Joseph D Kusi, Emmanuel Nyarko, Philip Quartey, Isaac Boateng, Mark B Ulanja, Kwame O Affram, Korantema Mawuena Tsegah, Francis T Djankpa (2023). Assessing knowledge and awareness of COVID-19 among traders and sanitary workers in the Cape Coast Metropolis of Ghana.

Journal of Global Health Reports. https://doi.org/10.29392/001c.77500

5. John Ekman, Philip Quartey, **Abdala Mumuni Ussif**, Niklas Ricklund, Daniel Lawer Egbenya, Gideon Akuamoah Wiafe, Korantema Mawuena Tsegah, Akua Karikari, Håkan Löfstedt, Francis Tanam Djankpa (2023). Dynamics of pre-shift and post-shift lung function parameters among wood workers in Ghana. *Annals of Occupational and Environmental Medicine*. https://doi.org/10.35371/aoem.2023.35.e39
6. Lydia Nkuah Nortey, Alberta Serwah Anning, Gideon Kwesi Nakotey, **Abdala Mumuni Ussif**, Yeboah Kwaku Opoku, Silas Acheampong Osei, Benjamin Aboagye, George Ghartey-Kwansah (2022). Genetics of cerebral malaria: pathogenesis, biomarkers and emerging therapeutic interventions. *Cell & Bioscience*. https://doi.org/10.1186/s13578-022-00830-6
7. Francis Tanam Djankpa, Gideon Akuamoah Wiafe, Bernard Ntim Boateng, Korantema Mawuena Tsegah, Samuel Essien-Baidoo, Mark Bilinyi Ulanja, Kwame Ofori Affram, **Abdala Mumuni Ussif**, Desmond Owusu Agyeman, Gabriel Asante (2021). Assessment of corn starch as substitute for agarose in DNA gel electrophoresis. *BMC Research Notes*. https://doi.org/10.1186/s13104-021-05483-1
8. Robert Peter Biney, Francis Tanam Djankpa, Silas Acheampong Osei, Daniel Lawer Egbenya, Benjamin Aboagye, Akua Afriyie Karikari, **Abdala Ussif**, Gideon Akuamoah Wiafe, David Nuertey (2021). Effects of in utero exposure to monosodium glutamate on locomotion, anxiety, depression, memory and KCC2 expression in offspring. *International Journal of Developmental Neuroscience*. https://doi.org/10.1002/jdn.10158
9. **Abdala Ussif** (2017). Systemic and network functions of the microtubule-associated protein tau: Implications for tau-based therapies. *Molecular and Cellular Neuroscience*. https://www.sciencedirect.com/science/article/pii/S1044743116302573
10. Benjamin Aboagye, Korantema Mawuena Tsegah, **Abdala Mumuni Ussif** (2013). Distribution of Hairs on the Phalanges of Hands among Ghanaians. *Journal of Anthropology*. https://doi.org/10.1155/2013/386819

Theses 1

1. **Abdala Mumuni Ussif** (2018). Effects of MAPtau knockout on electrophysiological, biochemical and dendritic morphometric parameters. *Osnabrück*. https://scholar.google.com/scholar?cluster=4174194823193520130&hl=en&oi=scholarr