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PROFILE

I'm Charity Wiafe Akenten, hailing from Kumasi, Ghana. Currently, I serve as a Biomedical Scientist and Post-Doc at the Kumasi Center for Collaborative Research. Alongside being a dedicated wife and mother to three wonderful girls, my passion lies in exploring antimicrobial resistance within bacteria.

My current research revolves around studying the prevalence of Extended-Spectrum Beta-Lactamases (ESBL) in E. coli and Klebsiella pneumoniae among diarrhoea-afflicted children and domestic farm animals. I'm also engaged in characterizing Acinetobacter spp. isolated from blood and urine samples of rural Ghanaian patients, contributing to our surveillance efforts.

My role extends beyond research; I actively contribute to AMR surveillance implementation at my workplace. With extensive expertise in phenotypic and genotypic identification of bacteria and their antibiotic resistance, I mentor and train new laboratory scientists, having supported several personnel at various institutions in Ghana and Tanzania. Moreover, I've played a pivotal role in establishing three AMR surveillance centers in Ghana.

My ultimate aim is to play a crucial part in combating the rising tide of AMR by educating the youth about responsible antibiotic usage and its risks. Collaboration is key, and I'm dedicated to partnering with stakeholders in this fight. With experience spanning since 2014, my expertise includes bacterial identification, antibiotic susceptibility profiles, Polymerase Chain Reaction (PCR), including real-time and conventional methods. Additionally, I've recently acquired training in Next Generation Sequencing and its analysis, broadening my skill set in this evolving field.

RESEARCH

Interests	Microbiology · Bacteriology · Antimicrobial Resistance (AMR) · Extended-spectrum beta-lactamase (ESBLs) · Escherichia coli · Klebsiella pneumoniea · Acinetobacter species · Enterobacter species
Areas	Molecular Medicine · Endocrinology · Infectious Diseases · Food Science · Public Health, Environmental and Occupational Health · Applied Microbiology and Biotechnology

RESEARCH SUMMARY

46	734	14	20	1.43	13%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 46 publications listed below, 2017–2026. Field-weighted impact is the mean over the 46 works scored for it; 1.00 is the world average for works of the same field, type and year. 6 of the 46 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Microbiologist/bacteriologist 2014–present
Microbiology (Bacteriology), Kumasi Centre for Collaborative Research in Tropical Medicine, KUMASI, Ghana

EDUCATION AND QUALIFICATIONS

Ph.D 2019–2023
Theoretical and Applied Biology, Kwame Nkrumah University of Science and Technology, KUMASI, Ghana

Health Systems Management (M.S.) 2011–2013
Health Systems Management, University of Baltimore, Baltimore, United States

Undergraduate 2007–2009
DMRT, University of Maryland Baltimore, Baltimore, United States

PUBLICATIONS

Journal articles 46

1. Pfaffendorf, Christoph, Wicha, Sebastian G., Petersen, Elina, May, Jürgen, Martens, Miklas, **Akenten, Charity Wiafe**, Mombo-Ngoma, Ghyslain, Kremsner, Peter G., Dekker, Denise, Ramharter, Michael, Mischlinger, Johannes (2026). Additional file 1 of In vitro activity of the antimalarial, antibiotic drugs fosmidomycin and clindamycin against clinical isolates of bacterial bloodstream infections in febrile, hospitalized Ghanaian children. *Figshare*. https://doi.org/10.6084/m9.figshare.31176470
2. **Akenten, Charity Wiafe**, Frickmann, Hagen, Thye, Thorsten, Khan, Neyaz Ahmed, Krumkamp, Ralf, Paintsil, Ellis Kobina, Ofori, Linda Aurelia, Jaeger, Anna, Loag, Wibke, Lamshoeft, Maike, Molitor, Ernst, Hoerauf, Achim, Obiri-Danso, Kwasi, Berg, Stefan, Ascofare, Oumou Maiga, Phillips, Richard Odame, May, Jürgen, Dekker, Denise (2026). Additional file 1 of Molecular characterization of extended-spectrum beta-lactamase-producing Escherichia coli among children and farm animals in Agogo, Ghana. *Figshare*. https://doi.org/10.6084/m9.figshare.32150292.v1
3. **Akenten, Charity Wiafe**, Frickmann, Hagen, Thye, Thorsten, Khan, Neyaz Ahmed, Krumkamp, Ralf, Paintsil, Ellis Kobina, Ofori, Linda Aurelia, Jaeger, Anna, Loag, Wibke, Lamshoeft, Maike, Molitor, Ernst, Hoerauf, Achim, Obiri-Danso, Kwasi, Berg, Stefan, Ascofare, Oumou Maiga, Phillips, Richard Odame, May, Jürgen, Dekker, Denise (2026). Additional file 2 of Molecular characterization of extended-spectrum beta-lactamase-producing Escherichia coli among children and farm animals in Agogo, Ghana. *Figshare*. https://doi.org/10.6084/m9.figshare.32150295
4. **Akenten, Charity Wiafe**, Frickmann, Hagen, Thye, Thorsten, Khan, Neyaz Ahmed, Krumkamp, Ralf, Paintsil, Ellis Kobina, Ofori, Linda Aurelia, Jaeger, Anna, Loag, Wibke, Lamshoeft, Maike, Molitor, Ernst, Hoerauf, Achim, Obiri-Danso, Kwasi, Berg, Stefan, Ascofare, Oumou Maiga, Phillips, Richard Odame, May, Jürgen, Dekker, Denise (2026). Additional file 4 of Molecular characterization of extended-spectrum beta-lactamase-producing Escherichia coli among children and farm animals in Agogo, Ghana. *Figshare*. https://doi.org/10.6084/m9.figshare.32150301.v1
5. **Akenten, Charity Wiafe**, Frickmann, Hagen, Thye, Thorsten, Khan, Neyaz Ahmed, Krumkamp, Ralf, Paintsil, Ellis Kobina, Ofori, Linda Aurelia, Jaeger, Anna, Loag, Wibke, Lamshoeft, Maike, Molitor, Ernst, Hoerauf, Achim, Obiri-Danso, Kwasi, Berg, Stefan, Ascofare, Oumou Maiga, Phillips, Richard Odame, May, Jürgen, Dekker, Denise (2026). Additional file 5 of Molecular characterization of extended-spectrum beta-lactamase-producing Escherichia coli among children and farm animals in Agogo, Ghana. *Figshare*. https://doi.org/10.6084/m9.figshare.32150304
6. **Akenten, Charity Wiafe**, Frickmann, Hagen, Thye, Thorsten, Khan, Neyaz Ahmed, Krumkamp, Ralf, Paintsil, Ellis Kobina, Ofori, Linda Aurelia, Jaeger, Anna, Loag, Wibke, Lamshoeft, Maike, Molitor, Ernst, Hoerauf, Achim, Obiri-Danso, Kwasi, Berg, Stefan, Ascofare, Oumou Maiga, Phillips, Richard Odame, May, Jürgen, Dekker, Denise (2026). Additional file 6 of Molecular characterization of extended-spectrum beta-lactamase-producing Escherichia coli among children and farm animals in Agogo, Ghana. *Figshare*. https://doi.org/10.6084/m9.figshare.32150307
7. Abigail Opoku Boadi, **Charity Wiafe Akenten**, Thorsten Thye, Nancy Ackam, Michael Nkrumah-Appau, Morrah Oppong, Dzifa Kofi Ahiatrogah, Victoria Sogbo, Evelyn Natashia Ayinpoka Ayinlooya, Cynthia Kyerewaa Adu-Asiamah, Bernadette Agbavor, Abigail Agbanyo, Wibke Loag, Neyaz Ahmed Khan, Stefan

Berg, Augustina Angelina Sylverken, Jürgen May, Yaw Ampem Amoako, Denise Dekker, Richard Odame Phillips (2026). Characterization of secondary bacterial infections in Buruli ulcer disease in Ghana: a focus on antimicrobial resistant Staphylococcus aureus. *BMC Infectious Diseases*. https://doi.org/10.1186/s12879-026-13986-0

8. Aloysius Dzigbordi Loglo, Michael Nkrumah-Appau, James Deke, Cynthia Kyerewaa Asiamah, Philemon Boasiako Antwi, Sylvester Newton, Sala Kotochi, Mark Kofi Nyame, Morrah Oppong, Charlotte Ama Tweneboa Adu, … **Charity Wiafe Akenten** and 14 others (2026). Exploring and enhancing community awareness on antimicrobial resistance: perspectives from world antimicrobial resistance awareness week celebration in Ghana. *BMC Public Health*. https://doi.org/10.1186/s12889-026-26385-6

9. Christoph Pfaffendorf, Sebastian G. Wicha, Elina Petersen, Jürgen May, Miklas Martens, **Charity Wiafe Akenten**, Ghyslain Mombo-Ngoma, Peter G. Kremsner, Denise Dekker, Michael Ramharter, Johannes Mischlinger (2026). In vitro activity of the antimalarial, antibiotic drugs fosmidomycin and clindamycin against clinical isolates of bacterial bloodstream infections in febrile, hospitalized Ghanaian children. *Malaria Journal*. https://doi.org/10.1186/s12936-025-05754-3

10. Joyce R. Mbwana, Thorsten Thye, Ralf Krumkamp, Hagen Frickmann, John P.A. Lusingu, Daniel T.R. Minja, Neyaz A. Khan, **Charity Wiafe Akenten**, Daniel H. Chercos, Joseph Kaseka, Maike Lamshöft, Samwel Gesase, Anna Jaeger, Jürgen May, Wolfgang R. Streit, Denise Dekker (2026). Molecular characterisation of extended-Spectrum-Beta-lactamase-producing Klebsiella pneumoniae among children and chicken in the rural Korogwe District, Tanzania. *One Health*. https://doi.org/10.1016/j.onehlt.2026.101472

11. **Charity Wiafe Akenten**, Hagen Frickmann, Thorsten Thye, Neyaz Ahmed Khan, Ralf Krumkamp, Ellis Kobina Paintsil, Linda Aurelia Ofori, Anna Jaeger, Wibke Loag, Maike Lamshoeft, Ernst Molitor, Achim Hoerauf, Kwasi Obiri-Danso, Stefan Berg, Oumou Maiga Ascofare, Richard Odame Phillips, Jürgen May, Denise Dekker (2026). Molecular characterization of extended-spectrum beta-lactamase-producing Escherichia coli among children and farm animals in Agogo, Ghana. *BMC Microbiology*. https://doi.org/10.1186/s12866-026-04978-w

12. Rejoice Agyeiwaa Arthur, Dorcas Ohui Owusu, Difery Minadzi, Michael Nkrumah Appau, Benjamin Arthur, Linda Akosua Amoakoa, Victoria Ayaw Ofori, Augustine Yeboah, Monika Mira Vivekanandan, Hubert Senanu Ahor, … **Charity Wiafe Akenten** and 15 others (2026). "Bacterial aetiology in the lower respiratory tract of TB-negative patients with respiratory symptoms: implications for tuberculosis control in Ghana". *BMC Microbiology*. https://doi.org/10.1186/s12866-026-04777-3

13. Nancy Ackam, **Charity Wiafe Akenten**, Abigail Opoku Boadi, Abigail Agbanyo, Kabiru Mohammed Abass, George Amofa, Elizabeth Ofori, Joseph Azabire, Augustina Sylverken, Kwasi Obiri-Danso, Mark Wansbrough-Jones, Thorsten Thye, Denise Dekker, Yaw Ampem Amoako, Richard Odame Phillips (2025). Antimicrobial resistant bacteria isolated from Buruli ulcer lesions in Ghana. *PLoS neglected tropical diseases*. https://doi.org/10.1371/journal.pntd.0013140

14. Maresa Neuerer, Carine Baxerres, Denise Dekker, Blandine Bila, Daniel Arhinful, Leslie Mawuli Aglanu, **Charity Wiafe Akenten**, Boubacar Coulibaly, Ali Sié, John Humphrey Amuasi, Aurélia Souares (2025). Exploring the Current Situation and Developing Strategies for Behavior Change to Improve Antibiotic Use in West Africa: Protocol for a Multidisciplinary Interventional Research Project. *JMIR Research Protocols*. https://doi.org/10.2196/66424

15. Ellis Kobina Paintsil, Cynthia Kyerewaa Adu-Asiamah, Kennedy Gyau Boahen, **Charity Wiafe Akenten**, Alexander Kwarteng, Stefan Berg, Kwasi Obiri-Danso, Jürgen May, Denise Dekker, Linda Aurelia Ofori (2025). Genomic insights into the diversity, antimicrobial resistance and zoonotic potential of Campylobacter fetus across diverse hosts and geographies. *Microbial Genomics*. https://doi.org/10.1099/mgen.0.001446

16. Bernadette Agbavor, Rejoice Agyeiwaa Arthur, Abigail Agbanyo, Dzifa Kofi Ahiatrogah, **Charity Wiafe Akenten**, Cynthia Adu-Asiamah, Kabiru Mohammed Abass, Elizabeth Ofori, George Amofa, Kwadwo Boampong, Thorsten Thye, Denise Dekker, Mathew Glover Addo, Mark Wansbrough-Jones, Tim John Bull, Yaw Ampem Amoako, Richard Odame Phillips (2025). Improved protocols for isolation of Mycobacterium ulcerans from clinical samples. *BMC Microbiology*. https://doi.org/10.1186/s12866-025-03835-6

17. Thorsten Thye, Ralf Krumkamp, John P. A. Lusingu, Linda Aurelia Ofori, Daniel T. R. Minja, Antje Flieger, Samwel Gesase, Richard Phillips, Sandra Simon, Kwasi Obiri-Danso, … **Charity Wiafe Akenten** and 10 others (2025). Non-typhoidal Salmonella transmission reservoirs in sub-Saharan Africa: a genomic assessment from a One Health perspective. *Antimicrobial Resistance and Infection Control*. https://doi.org/10.1186/s13756-025-01561-2

18. Dmytro Tsyhaniuk, **Wiafe Akenten** (2025). The nexus between employee budget participation and employee performance. *Economic sustainability and business practices*. https://doi.org/10.21272/esbp.2025.1-08

19. Nancy Ackam, Abigail Opoku-Boadi, Bernadette Agbavor, Jonathan Kofi Adjei, Abigail Agbanyo, Michael Ntiamoah Oppong, **Charity Wiafe-Akenten**, Augustina Sylverken, Kwasi Obiri-Danso, Mark Wansbrough-Jones, Yaw Ampem Amoako, Richard Odame Phillips (2024). Bacterial diversity in Buruli ulcer lesions in Ghana. *Journal of Clinical Tuberculosis and Other Mycobacterial Diseases*. https://doi.org/10.1016/j.jctube.2024.100468

20. Lydia Helen Rautman, Daniel Eibach, Felix Osei Boateng, **Charity Wiafe Akenten**, Henry Hanson, Oumou Maiga-Ascofaré, Jürgen May, Ralf Krumkamp (2024). Modeling pediatric antibiotic use in an area of declining malaria prevalence. *Scientific Reports*. https://doi.org/10.1038/s41598-024-67492-x

21. Ellis Kobina Paintsil, Linda Aurelia Ofori, **Charity Wiafe Akenten**, Andreas E. Zautner, Joyce Mbwana, Neyaz Ahmed Khan, John P. A. Lusingu, Joseph Kaseka, Daniel T. R. Minja, Samwel Gesase, Anna Jaeger, Maike Lamshöft, Jürgen May, Kwasi Obiri-Danso, Ralf Krumkamp, Denise Dekker (2023). Antibiotic-Resistant Arcobacter spp. in commercial and smallholder farm animals in Asante Akim North Municipality, Ghana and Korogwe Town Council, Tanzania: a cross-sectional study. *Gut Pathogens*. https://doi.org/10.1186/s13099-023-00588-3

22. **Charity Wiafe Akenten**, Neyaz Ahmed Khan, Joyce Mbwana, Ralf Krumkamp, Dennis Fosu, Ellis Kobina Paintsil, Kennedy Gyau Boahen, James Osei-Mensa, Oumou Maiga-Ascofare, Jürgen May, Kwasi Obiri-Danso, Richard Odame Phillips, Linda Aurelia Ofori, Denise Dekker (2023). Carriage of ESBL-producing Klebsiella pneumoniae and Escherichia coli among children in rural Ghana: a cross-sectional study. *Antimicrobial Resistance and Infection Control*. https://doi.org/10.1186/s13756-023-01263-7

23. Lydia Helen Rautman, Oumou Maiga-Ascofaré, Daniel Eibach, Benedikt Hogan, Denise Dekker, Anna Jaeger, **Charity Wiafe Akenten**, Ellis Owusu-Dabo, Felix Osei Boateng, Henry Hanson, Kennedy Gyau Boahen, Nimako Sarpong, Yaw Adu-Sarkodie, Benno Kreuels, Jürgen May, Ralf Krumkamp (2023). Fever in focus: Symptoms, diagnoses and treatment of febrile children in Ghana—A longitudinal hospital study. *Tropical Medicine & International Health*. https://doi.org/10.1111/tmi.13962

24. Andreas E. Zautner, Thomas Riedel, Boyke Bunk, Cathrin Spröer, Kennedy G. Boahen, **Charity Wiafe Akenten**, Annika Dreyer, Jacqueline Färber, Achim J. Kaasch, Jörg Overmann, Jürgen May, Denise Dekker (2023). Molecular characterization of Arcobacter butzleri isolates from poultry in rural Ghana. *Frontiers in Cellular and Infection Microbiology*. https://doi.org/10.3389/fcimb.2023.1094067

25. Ralf Krumkamp, Matin Kohsar, Kolja Nolte, Benedikt Hogan, Daniel Eibach, Anna Jaeger, **Charity Wiafe Akenten**, Christian Drosten, Kennedy Gyau Boahen, Nimako Sarpong, Isabella Eckerle, Tabea Binger, Ellis Owusu-Dabo, Jürgen May, Benno Kreuels (2023). Pathogens associated with hospitalization due to acute lower respiratory tract infections in children in rural Ghana: a case–control study. *Scientific Reports*. https://doi.org/10.1038/s41598-023-29410-5

26. **Charity Wiafe Akenten**, Linda Aurelia Ofori, Neyaz Ahmed Khan, Joyce Mbwana, Nimako Sarpong, Jürgen May, Thorsten Thye, Kwasi Obiri-Danso, Ellis Kobina Paintsil, Dennis Fosu, Richard Odame Philipps, Daniel Eibach, Ralf Krumkamp, Denise Dekker (2023). Prevalence, Characterization, and Antimicrobial Resistance of Extended-Spectrum Beta-Lactamase-Producing Escherichia coli from Domestic Free-Range Poultry in Agogo, Ghana. *Foodborne Pathogens and Disease*. https://doi.org/10.1089/fpd.2022.0060

27. Linda Aurelia Ofori, Dennis Fosu, Seth Ofori, **Charity Wiafe Akenten**, Antje Flieger, Sandra Simon, Anna Jaeger, Maike Lamshöft, Juergen May, Kwasi Obiri-Danso, Richard Phillips, Daniel Haile Chercos, Ellis Kobina Paintsil, Denise Dekker (2023). Salmonella enterica in farm environments in the Ashanti Region of Ghana. *BMC Microbiology*. https://doi.org/10.1186/s12866-023-03121-3

28. Ellis Kobina Paintsil, Linda Aurelia Ofori, **Charity Wiafe Akenten**, Andreas E. Zautner, Joyce Mbwana,

Anna Jaeger, Maike Lamshöft, Jürgen May, Kwasi Obiri-Danso, Richard Odame Philipps, Ralf Krumkamp, Denise Dekker (2022). Antibiotic-resistant Campylobacter coli and Campylobacter jejuni in commercial and smallholder farm animals in the Asante Akim North Municipality of Ghana. *Frontiers in Microbiology*. https://doi.org/10.3389/fmicb.2022.983047

29. Frederik Pankok, Stefan Taudien, Denise Dekker, Thorsten Thye, Kwabena Oppong, **Charity Wiafe Akenten**, Maike Lamshöft, Anna Jaeger, Martin Kaase, Simone Scheithauer, Konstantin Tanida, Hagen Frickmann, Jürgen May, Ulrike Loderstädt (2022). Epidemiology of Plasmids in Escherichia coli and Klebsiella pneumoniae with Acquired Extended Spectrum Beta-Lactamase Genes Isolated from Chronic Wounds in Ghana. *Antibiotics*. https://doi.org/10.3390/antibiotics11050689

30. **Charity Wiafe Akenten**, Felix Weinreich, Ellis Kobina Paintsil, John Amuasi, Dennis Fosu, Ulrike Loderstädt, Jürgen May, Hagen Frickmann, Denise Dekker (2022). Intestinal Helminth Infections in Ghanaian Children from the Ashanti Region between 2007 and 2008—A Retrospective Cross-Sectional Real-Time PCR-Based Assessment. *Tropical Medicine and Infectious Disease*. https://doi.org/10.3390/tropicalmed7110374

31. Ellis Kobina Paintsil, Linda Aurelia Ofori, Sarah Adobea, **Charity Wiafe Akenten**, Richard Odame Phillips, Oumou Maiga-Ascofare, Maike Lamshöft, Jürgen May, Kwasi Obiri Danso, Ralf Krumkamp, Denise Dekker (2022). Prevalence and Antibiotic Resistance in Campylobacter spp. Isolated from Humans and Food-Producing Animals in West Africa: A Systematic Review and Meta-Analysis. *Pathogens*. https://doi.org/10.3390/pathogens11020140

32. **Charity Wiafe Akenten** (2021). Antimicrobial Resistance; The Subtle Killer, in the Mid of Covid-19. *Biomedical Journal of Scientific & Technical Research*. https://doi.org/10.26717/bjstr.2021.33.005399

33. Ellis Kobina Paintsil, Linda Aurelia Ofori, **Charity Wiafe Akenten**, Dennis Fosu, Seth Ofori, Maike Lamshöft, Jürgen May, Kwasi Obiri Danso, Ralf Krumkamp, Denise Dekker (2021). Antimicrobial Usage in Commercial and Domestic Poultry Farming in Two Communities in the Ashanti Region of Ghana. *Antibiotics*. https://doi.org/10.3390/antibiotics10070800

34. **Charity Wiafe Akenten**, Kennedy Gyau Boahen, Kwadwo Sarfo Marfo, Nimako Sarpong, Denise Dekker, Nicole Sunaina Struck, Lawrence Osei-Tutu, Juergen May, John Humphrey Amuasi, Daniel Eibach (2021). Bloodstream infection with Acinetobacter baumanii in a Plasmodium falciparum positive infant: a case report. *Journal of Medical Case Reports*. https://doi.org/10.1186/s13256-020-02648-7

35. Denise Dekker, Frederik Pankok, Thorsten Thye, Stefan Taudien, Kwabena Oppong, **Charity Wiafe Akenten**, Maike Lamshöft, Anna Jaeger, Martin Kaase, Simone Scheithauer, Konstantin Tanida, Hagen Frickmann, Jürgen May, Ulrike Loderstädt (2021). Clonal Clusters, Molecular Resistance Mechanisms and Virulence Factors of Gram-Negative Bacteria Isolated from Chronic Wounds in Ghana. *Antibiotics*. https://doi.org/10.3390/antibiotics10030339

36. Wiebke Herr, Ralf Krumkamp, Benedikt Hogan, Denise Dekker, Kennedy Gyau, Ellis Owusu-Dabo, Nimako Sarpong, Anna Jaeger, Wibke Loag, Doris Winter, **Charity Wiafe Akenten**, Daniel Eibach, Helmut Fickenscher, Anna Eis-Hübinger, Jürgen May, Benno Kreuels (2020). A cross-sectional study on risk factors for infection with Parvovirus B19 and the association with anaemia in a febrile paediatric population in Ghana. *Scientific Reports*. https://doi.org/10.1038/s41598-020-72657-5

37. Manuel Wolters, Hagen Frickmann, Martin Christner, Anna Both, Holger Rohde, Kwabena Oppong, **Charity Wiafe Akenten**, Jürgen May, Denise Dekker (2020). Molecular Characterization of Staphylococcus aureus Isolated from Chronic Infected Wounds in Rural Ghana. *Microorganisms*. https://doi.org/10.3390/microorganisms8122052

38. Gédéon Prince Manouana, Eva Lorenz, Mirabeau Mbong Ngwese, Paul Alvyn Nguema Moure, Oumou Maiga Ascofaré, **Charity Wiafe Akenten**, John Amuasi, Njari Rakotozandrindrainy, Raphael Rakotozandrindrainy, Joyce Mbwana and 12 others (2020). Performance of a rapid diagnostic test for the detection of Cryptosporidium spp. in African children admitted to hospital with diarrhea. *PLoS neglected tropical diseases*. https://doi.org/10.1371/journal.pntd.0008448

39. Ralf Krumkamp, Kwabena Oppong, Benedikt Hogan, Ricardo Strauss, Hagen Frickmann, **Charity Wiafe-Akenten**, Kennedy G. Boahen, Volker Rickerts, Ilka McCormick Smith, Uwe Groß, Marco Schulze, Anna Jaeger, Ulrike Loderstädt, Nimako Sarpong, Ellis Owusu-Dabo, Jürgen May, Denise Dekker (2020).

Spectrum of antibiotic resistant bacteria and fungi isolated from chronically infected wounds in a rural district hospital in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0237263

40. Ellis Kobina Paintsil, **Charity Wiafe Akenten**, Linda Aurelia Ofori (2020). The Relationship between Haemoglobin Levels and Platelet Counts of Malaria Infected and Non-Infected Children in Offinso, Ghana. *Asian Journal of Biochemistry Genetics and Molecular Biology*. https://doi.org/10.9734/ajbgmb/2020/v6i330154

41. Ralf Krumkamp, Cassandra Aldrich, Oumou Maiga-Ascofare, Joyce Mbwana, Njari Rakotozandrindrainy, Steffen Borrmann, Simone M Caccio, Raphael Rakotozandrindrainy, Ayola Akim Adegnika, John P A Lusingu, … **Charity Wiafe Akenten** and 27 others (2020). Transmission of Cryptosporidium Species Among Human and Animal Local Contact Networks in Sub-Saharan Africa: A Multicountry Study. *Clinical Infectious Diseases*. https://doi.org/10.1093/cid/ciaa223

42. Linda Falgenhauer, Can Imirzalioglu, Kwabena Oppong, **Charity Wiafe Akenten**, Benedikt Hogan, Ralf Krumkamp, Sven Poppert, Vinzent Levermann, Oliver Schwengers, Nimako Sarpong, Ellis Owusu-Dabo, Jürgen May, Daniel Eibach (2019). Detection and Characterization of ESBL-Producing Escherichia coli From Humans and Poultry in Ghana. *Frontiers in Microbiology*. https://doi.org/10.3389/fmicb.2018.03358

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44. Daniel Eibach, Denise Dekker, Kennedy Gyau Boahen, **Charity Wiafe Akenten**, Nimako Sarpong, Cristina Belmar Campos, Laura Berneking, Martin Aepfelbacher, Ralf Krumkamp, Ellis Owusu-Dabo, Jürgen May (2018). Extended-spectrum beta-lactamase-producing Escherichia coli and Klebsiella pneumoniae in local and imported poultry meat in Ghana. *Veterinary Microbiology*. https://doi.org/10.1016/j.vetmic.2018.02.023

45. Benedikt Hogan, Daniel Eibach, Ralf Krumkamp, Nimako Sarpong, Denise Dekker, Benno Kreuels, Oumou Maiga-Ascofaré, Kennedy Gyau Boahen, **Charity Wiafe Akenten**, Yaw Adu-Sarkodie and 30 others (2018). Malaria Coinfections in Febrile Pediatric Inpatients: A Hospital-Based Study From Ghana. *Clinical Infectious Diseases*. https://doi.org/10.1093/cid/cix1120

46. Benedikt Hogan, Luise Ammer, Marlow Zimmermann, Tabea Binger, Ralf Krumkamp, Nimako Sarpong, Theresa Rettig, Denise Dekker, Benno Kreuels, Lisa Reigl, Kennedy G. Boahen, **Charity Wiafe**, Yaw Adu-Sarkodie, Ellis Owusu-Dabo, Jürgen May, Daniel Eibach (2017). Burden of influenza among hospitalized febrile children in Ghana. *Influenza and Other Respiratory Viruses*. https://doi.org/10.1111/irv.12507