

CURRICULUM VITAE OF PROFESSOR SMITH, STELLA IFEANYI



1. **Name:** SMITH Stella Ifeanyi

2. **Place of Birth/Nationality:** Lagos/Nigerian

3. **Current Address (including e-mail, telephone no.):**

Nigerian Institute of Medical Research, 6 Edmond Crescent, Yaba, Lagos, Nigeria.
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4. **University Education, with dates:**

(i) Undergraduate: University of Ilorin, 1982 - 1986

(ii) Postgraduate:

College of Medicine, University of Lagos, 1987-1988

College of Medicine, University of Lagos, 1992-1997

5. **Academic Qualifications:**

BSc (Microbiology), 2nd Class Upper 1986

MSc (Medical Microbiology and Parasitology) 1988(with distinction)

PhD (Medical Microbiology) 1997

6. **Scholarship, Fellowship and Prizes:**

❖ **Pre-doctoral Training with European Union Scholarship EU grant no:** 6100.52.41.032, (1993-1994), Public Health Laboratory, Withington, Hospital, Manchester.

❖ **Post-doctoral, Alexander von Humboldt (AvH) Fellowship** 1999/2000 & 2003, Technical University Hospital, Dresden and Max von Pettenkofer Institut, Munich, Germany.

❖ **Post-doctoral, The Institut National de la Santé et de la Recherche Médicale (INSERM) Fellowship award** ref: CS/KG/No 4250 (2001). Laboratoire de Bacteriologie, Université de Bordeaux II, Bordeaux, France

7. **Honours and Distinctions:**

➤ Letter of Commendation from NYSC 1987

➤ Speaker: Correlation of *Helicobacter pylori* virulence factors with gastro- duodenal diseases: improvement of diagnosis and treatment. 3rd DFG sponsored conference on Partners of German-African grant Bonn, June 26th – June 29th 2012.

➤ Poster presentation: Molecular characterization of *Helicobacter pylori* infections in Nigeria. XXV International Workshop of the *Helicobacter* Study Group, Slovenia, Sept, 11 – 13, 2012.

- Guest Speaker on 'Laboratory diagnosis of *Helicobacter pylori* in Nigeria' to mark the Golden Jubilee celebration of University of Lagos. Venue was at the Faculty of Science Board Room on the 16th of November 2012 (oral presentation).
- Guest Speaker on 'Health Risks of Flooding: A focus on Vulnerable Groups'. This was presented at the Nigerian Institute of Medical Research (NIMR) to celebrate the 3rd Anniversary of Prof. IAO Ujah mni, DG of NIMR on the 1st of July 2013.
- Distinguished lecturer: 'From diarrhoeal diseases to ulcer in search of appropriate diagnosis/typing: my research experience'. Distinguished guest lecturer, 3rd inaugural lecture series, 4th NIMR annual conference, 12th November 2013.
- Special Guest of Honour at the Science Students Seminar and Launching of Science Magazine by WEC Services (NGO) 29th November 2013.
- Speaker: Correlation of *Helicobacter pylori* virulence factors with gastro- duodenal diseases: improvement of diagnosis and treatment. 4th DFG sponsored conference on Partners of German-African grant Bonn, Jan 29th – Feb. 2nd 2014.
- Chairman, Session VII: North-South Partnership in VHF Control at the West African Sub-Regional Workshop on Emergency Preparedness and Outbreak Response to Lassa Fever and other Highly Infectious Diseases 16th – 21st February 2014.
- Panelist, Lagos State Ministry of Health workshop on Human Biodiversity Genome Project with the Theme: 'Preparing Lagos for Entry into the New Era of Genomic Medicine' 25th March 2014. Venue: Sheraton Hotel and Towers, Ikeja.
- Speaker: Correlation of *Helicobacter pylori* virulence factors with gastro- duodenal diseases: improvement of diagnosis and treatment. 5th DFG sponsored conference on Partners of German-African grant. June 13th 2015.
- Poster presentation: XXVI International Workshop of the *Helicobacter* Study Group, Rome, Sept, 2015
- Guest Speaker, 'Molecular Diagnosis of *Helicobacter pylori* in Nigeria'. Nigerian Society for Microbiology, 39th Annual Scientific Conference, UNN, Nsukka 19th to 23rd September 2016.
- Guest Speaker, '*Helicobacter pylori*'s diagnostic testing and sensitivity'. LASUTH medical doctors meeting. 12th April 2017.
- Speaker: Analysis of *Helicobacter pylori* infections in Africa, bacterial virulence factors but low pathology. 7th DFG sponsored conference on Partners of German-African grant in Hamburg. 17th to 21st May 2017.

- Poster presentation: 30th International Workshop on European *Helicobacter* and Microbiota Study Group. Sept. 7 -9, 2017, Bordeaux, France.
- Chair of the Panel Session on ‘Women in Science: Career Perspectives for Junior Scientists’ at the 8th DFG sponsored conference on Partners of German-African grant in Entebbe, Uganda. 5th to 9th September 2018.
- Keynote speaker: Molecular Biology: An Indispensable tool in 21st Century Research. Key-note address speaker at the Hands-on-Training in Molecular Biology held at FIIRO 17th September 2018.
- Molecular Biology hands-on-training workshop Facilitator and Coordinator from 2009 to present.
- External Examiner/Assessor to the University of Lagos (PhD), Federal University of Technology Akure (MSc), University of Ibadan (PhD), University of Fort Hare (PhD and MSc) and University of Venda (MSc), South Africa.
- Guest Speaker: Medical and Biopharmaceutical Technology; leading the way in man and animal wellness. 33rd Biotechnology Society of Nigeria, International conference, Ebonyi, 23rd to 27th August 2020.
- Reviewer, African-German Network of Excellence in Science (AGNES) 2018 – present.
- Recipient of 19th Edition of Who is Who in the world 2001
- List of 10 Nigerian women pulling their weight in Science by Leadership newspaper. 2017
- List of 16 Prominent Nigerian women that excelled in Science and Research, silverbirdtv.com 2018
- Reviewer to several International journals, including but not limited to Gut Pathogens, Pathogen and Global Health, PLOS ONE, Microbial Drug Resistance
- Google Scholar citation: 2243 (4-7-20), h-index 24 and Research Gate score: 36.2

8. Membership/Fellowship of Learned Societies:

Member: American Society of Microbiology since 2008

Member: Society for Applied Microbiology since 2015

Member: Nigerian Society of Microbiology, since 2003

Member, African Microbicide Advocacy Group (AMAG), since 2007

Member, African-German Network of Excellence in Science (AGNES) since 2017
Member, National AMR Technical Working Group, since 2018
Member, Organization for Women in Science for the Developing World (OWSD)
since 2003
Member, List of Productive Scientists, ISI Web of Science, www.isiknowledge.com
2007
Fellow of African Scientific Institute (ASI) since 2013

9. Work Experience:

(i) Present employment (stating when you started):

Nigerian Institute of Med. Research, Yaba

- Director (Research), Molecular Biology and Biotechnology division (2013 –date)
- Professor, Department of Molecular Biology and Biotechnology (2020 – present)
- Professor, Department of Biological Sciences, Mountain Top University (2020 – present)

(ii) Previous places of employment (with dates):

Adjunct Senior Lecturer, University of Lagos (2014 – 2015)

10. Current Research Activities including Research Grants:

- Validation of real-time PCR for accurate and specific detection of *Helicobacter pylori* and antimicrobial resistance.
- Analysis of *Helicobacter pylori* infections in Nigeria, bacterial virulence factors but lack of pathology'
- *Arcobacter* spp transmission dynamics in Nigeria
- Virulotyping of *Salmonella* spp from different sources
- An Assessment of the role of Healthcare workers, food handlers and the environment as reservoirs of *Vibrio cholerae* in Lagos state, Nigeria.
- Molecular Characterisation of Efflux Pump Genes, Antimicrobial Resistance Profile and Biofilm Formation in *Pseudomonas aeruginosa* and *Escherichia coli* isolated from Clinical samples in Nigeria
- Characterization of virulence and antibiotic resistance genes, of Enterohemorrhagic *Escherichia coli* from humans, animals and food sources.

Research Grants

- ❖ **Roche Foundation Research Grant** for 'Molecular Epidemiology of *Helicobacter pylori* from South-west, Nigeria'. ((NIMR/DGO/2/SM/11)
Role: Principal Investigator August, 1999
- ❖ **Recipient, Third World Academy of Science (TWAS) equipment grant** (02-005RG/BIO/AF/AC) (2003)

- ❖ **Molecular Biology Equipment Recipient** from AvH for further research, 2001, 2011 and 2017.
- ❖ **Recipient of various book awards** from AvH, ICGEB, IFS and DFG
- ❖ **International Foundation for Science (IFS) grant** on ‘Isolation and Molecular Characteristics of *Salmonella* enterica Typhi isolated from food handlers at bukas and from farm animals’. (E/4020-1) April, 2006
Role: Principal Investigator
- ❖ **Recipient of International Centre for Genetic Engineering and Biotechnology (ICGEB) grant** on ‘Diagnostic methods for the diagnosis of *Helicobacter pylori* and epidemiology of enteric *Helicobacter* infections from patients in Nigeria’. (CRP/NIG07-02) Sept. 2007-2010
Role: Principal Investigator
- ❖ **Recipient of International Foundation for Science (IFS) grant** on ‘Prevalence and molecular typing of *Salmonella* spp isolated from foods sold by food handlers’. (E/4020-2) June 2009
Role: Principal Investigator
- ❖ **Recipient of German Research Foundation (DFG) grant** ‘Correlation of *Helicobacter pylori* virulence factors with gastro-duodenal diseases: improvement of diagnosis and treatment’. HA 2697/12-1, May 2010 – April 2014
Role: Co-Principal Investigator
- ❖ **Africa Centre for Excellence on Neglected Tropical Diseases (NTD) and Forensic Biotechnology** (Ahmadu Bello University Zaria, Kaduna State).
Role: Collaborating Partner and Institution. 2014-2024.
- ❖ **Recipient of German Research Foundation (DFG) grant** ‘Analysis of *Helicobacter pylori* infections in Nigeria, bacterial virulence factors but lack of pathology’. (HA 2697/18-1), July 2015 – July 2018
Role: Co-Principal Investigator
- ❖ **Recipient of TETFUND** for project on ‘Characterisation of *Haemonchus contortus* and studies of its somatic native and recombinant protein as candidate vaccine antigen in goats’. July 2016 – present.
Role: Co-Investigator
- ❖ **Recipient of Nigerian Institute of Medical Research, Internal Grants** for ‘An Assessment of the role of Healthcare workers, food handlers and the environment as reservoirs of *Vibrio cholerae* in Lagos state, Nigeria. 1NIMRGA0010-18-01, February 2018 - 2020
Role: Principal Investigator

- ❖ **Recipient, Alexander von Humboldt Foundation** award for the hosting of First NIMR Humboldt Kolleg, an International Conference, Oct. 15th – 19th 2019. 108 participants and 60 invited guests in attendance. Role: Convener
- ❖ **Convener, NIMR – Institut Merieux** Young Investigator Award February 2020.

11. **List the postgraduate candidates/researchers (with titles of projects) you have mentored with dates:**

a) Doctor of Philosophy students' co-supervision:

1. **Oyedeji Kolawole Solomon** 2005. 'A study of *Helicobacter pylori* infection in patients with upper gastrointestinal pathology in Western Nigeria.' University of Lagos.
2. **Onyenwe Nathaniel** 2012. 'The molecular study of multi drug resistant *Salmonella enterica* serovar Typhi in Southeast Nigeria.' University of Ibadan.
3. **Olalekan Sola** 2013. 'Molecular Characterisation of *Staphylococcus aureus* from HIV infected individuals' LAUTECH
4. **Eruteya Onoriode Christian** 2014. 'Molecular Characterization of *Listeria monocytogenes*.' University of Port-Harcourt, Rivers State.
5. **Ezeamagu Cajethan** 2014. 'Methicillin resistance study and plasmid profile of *Staphylococcus* species isolated from clinical and community/environmental samples in Ibadan South West Nigeria'. University of Ibadan.
6. **Mairiga Jamey Peter** 2014. 'Phenotypic and genotypic study of isoniazid acetylation in TB/HIV co-infected patients in Nasarawa state.' University of Lagos.
7. **Ezeh Abimbola** 2017. 'Phenotypic and genomic characterization of *Cronobacter sakasaki* isolated from powdered infant formula milk in Nigeria.' University of Lagos.
8. **Abiodun Tola Seriki** 2017. 'Correlation of *Helicobacter pylori* virulence factors with gastro-duodenal diseases: improvement of diagnosis and treatment.
9. **Fowora Muinah** 2019. 'Correlation of *Helicobacter pylori* virulence factors with gastro-duodenal diseases: improvement of diagnosis and treatment.' University of Benin.

10. **Abraham Omole Ajayi** 2020. 'Virulotyping and Antimicrobial analysis of *Salmonella Enterica* Isolated from Humans and Animals in Nigeria: Improvement of Diagnosis and Treatment. 2020

To be completed in 2020:

- 1) **Tolulope Jolaiya**. 'Analysis of *Helicobacter pylori* infections in Nigeria, bacterial virulence factors but lack of pathology'.
- 2) **Ngnameko Corinne**. 'Identification of inhibitors of *Helicobacter pylori* from Cameroonian medicinal plants'. University of Yaounde 1, Cameroon. 2015- date

Others

- 1) **Alao Felix**. 'Molecular epidemiology of *Staphylococcus saprophyticus* virulence genes isolated from patients presenting with urinary tract infections in Lagos, State.' University of Lagos, 2014- date.
- 2) **Yisau Jacob**. Characterization of virulence and antibiotic resistance genes, of Enterohemorrhagic *Escherichia coli* from humans, animals and food sources. University of Benin, 2016 – date
- 3) **Ilozue Christian**. Phenotypic and Molecular Characterization of *Campylobacter* isolates from poultry and humans in Kaduna State. Ahmadu Bello University, Zaria, 2020
- 4) **Adetayo Modupe Olusola**. In vitro anti-*Helicobacter pylori* and in vivo anti-ulcerogenic activities of *Gynura procumbens*, *Costus igneus* and *Euphorbia milii* aqueous and ethanol leaf extracts. Babcock University. 2020

12. **Publications**

(I) **Books and/or articles in books:**

SI Smith, A. Ajayi and A. Seriki (2018). Handbook of Foodborne Diseases, Chapter 38: Salmonella. Edited by Don Liu. CRC Press for Taylor and Francis Group.

(II) **Published papers in learned journals since 2015**

- 1) **Smith SI**, Oyedeji KS, Odeniyi OAM, Arigbabu AO and Coker AO. (2006). Diagnosis of *Helicobacter pylori* infection among patients with dental caries by stool antigen test. *Br. J. Biomed. Sc.* **63**: 144 -145.
- 2) **Stella Ifeanyi Smith**, Muinah Adenike Fowora, Adedamilola Atiba, Joseph Anejo-Okopi, Tina Fingesi, Mary Ehi Adamu, Emmanuel Adedayo Omonigbehin, Margaret Iteun Ugo-ljeh, Moses Bamidele and Peter Odeigah (2015). Molecular detection of some virulence genes of Salmonella spp isolated from food samples in Lagos, Nigeria. *Animal*

and Veterinary Sciences **3**(1): 22 – 27.

- 3) Muibat O. Fashola, Akintoye O. Coker, **Stella I. Smith**, Francisca O. Nwaokorie, Muinah A. Fowora and Kabiru O. Akinyemi (2015). Molecular Typing of Salmonella Species Isolated from Stool Samples. *J. Life Sci* **7** (1-2): 1-5.
- 4) Adesola Olufunmilayo Olalekan, Samuel Sunday Taiwo, **Stella Ifeanyi Smith**, Adebayo Osagie Shittu, Deboye Oriade Kolawole, Frieder Schamburg (2015). Persistent Staphylococcus aureus nasal colonization in ambulatory HIV infected patients in Nigeria: Risk factors and molecular features. *J Microbiol Immunol Infect.* **24**. pii: S1684-1182(14)00253-9. doi: 10.1016/j.jmii.2014.12.003
- 5) Innocent AO Ujah, Francisca Nwaokorie, Adeniyi Adeneye, David Oladele, Tajudeen Bamidele, Sola Musa, Kehinde Akinside, Jerry Iwuora, **Stella Smith** (2015). A review of perception and myth on causes of cholera infection in endemic areas of Nigeria. *African Journal of Med Res* **9** (9): 557 – 564.
- 6) **Smith Stella**, Nwaokorie Francisca, Awoderu Oluwatoyin, Bamidele Tajudeen, Akinside Kehinde, Ochoga Michael, Oladele David, Bamidele Moses, Fesobi Toun, Afocha Eberechukwu, Amoo Samuel, Ajayi Morakinyo, Atat Prince, Ogbonna Francisca, Nduaga Samuel, Idika Nneoma, Oparaugo Chinedu, Musa Adesola, Adeneye Adeniyi, Ijeh Margaret, Ujah Innocent (2015). ERIC-PCR Analysis of the Clinical and Environmental strains of *V. cholerae* during 2013 Epidemic in Nigeria. *International Journal of Advances in Health Sciences* **2** (6): 670 – 680.
- 7) Anejo-OkopiAje Joseph, Audu Onyemocho, AdaicheAjala Rosemary, Okojokwu OsemeJulius, Ali Murna, Adekwu Amali, Lar Patricia, **Smith I Stella** (2016). Prevalence of *Helicobacter pylori* infection among HIV-1 infected patients using Stool Antigen Tests in Jos, North-Central, Nigeria. *Govaresh J* **21** (1): 57 – 62.
- 8) Oluyemi A, Ebere Anomneze, **Stella Smith**, Olufemi Fasanmade (2016). Influence of *Helicobacter pylori* infection on the Prevalence and Patterns of Upper Gastrointestinal Symptoms in Nigerians with Diabetes Mellitus. *Nig J Clin Pract.* 0:0 DOI: 10.4103/1119-3077.183257.
- 9) Königer V, Holsten L, Harrison U, Busch B, Loell E, Zhao Q, Bonsor DA, Roth A, Kengmo-Tchoupa A, **Smith SI**, Mueller S, Sundberg EJ, Zimmermann W, Fischer W, Hauck CR, Haas R. (2016). *Helicobacter pylori* exploits human CEACAMs via HopQ for adherence and translocation of *cagA*. *Nat Microbiol* **2**: 16188. doi: 10.1038/nmicrobiol.2016.188.
- 10) **Smith S**, Braun S, Akintimehin F, Fesobi T, Bamidele M, Coker A, Monecke S and Ehrlich R. (2016). Serogenotyping and antimicrobial susceptibility testing of *Salmonella* spp. isolated from retail meat samples in Lagos, Nigeria. *Mol Cell Probes* <http://dx.doi.org/10.1016/j.mcp.2016.04.001>
- 11) **Smith SI**, Seriki A and Ajayi A. (2016). Typhoidal and non-Typhoidal *Salmonella* infections in Africa. *Eur J Clin Microbiol Infect Dis.*, 35(12), 1913-1922. DOI: 10.1007/s10096-016-2760-3.
- 12) Anejo-Okopi AJ, Isa ES, Audu O, Fagbamila IO, Okojokwu OJ, Iornenge CJ, Augustine BB, Pam L, Ali M, Zumbes HJ, Mohammed M, Lar P, Smith SI (2016). Isolation and Polymerase Chain Reaction detection of Virulence *invA* gene in *Salmonella* spp from Poultry farms in Jos, Nigeria. *J Med Tropics* **18** (2): 98 – 102.
- 13) Adeneye A, Kolawole S. Oyedeji, Mary-Theresa Niemogha, Francisca O. Nwaokorie,

- Tajudeen A. Bamidele, Michael Ochoga, Kehinde A. Akinsinde, Bartholomew I. Brai, David Oladele, Emmanuel A. Omonigbehin, Moses Bamidele, Toun W. Fesobi, Adesola Z. Musa, **Stella I. Smith**, Innocent A. Ujah (2016). Risk Factors Associated with Cholera Outbreak in Bauchi and Gombe States in North East Nigeria. *J Public Health Epidemiol.* 8: pp. 286-296, DOI: 10.5897/JPHE2016.0865
- 14) Smith Sam and **Smith Stella** (2016). Media coverage of the Ebola virus disease in four widely circulated Nigerian newspapers: lessons from Nigeria. *Health Promotion Perspectives* 6 : 92 - 95.
 - 15) Jolaiya TF, **Smith SI**, Coker AO (2016). Knowledge and Assessment of Parents on Diarrhoea and its Management in Lagos, Nigeria. *Int J Health Sci Res* 6: 138 - 143.
 - 16) Abimbola Rashidat Ezeh, Olusimbo Olugbo Aboaba, Barbara E Murray, Ben Davies Tall, **Stella Ifeanyi Smith** (2016). Phenotypic and genotypic characterization of *Cronobacter* isolated from powdered infant formula retailed in Nigeria. *J Food Research* 5: 65-78. doi:10.5539/jfr.v5n4p65.
 - 17) **Smith SI**, Nwaokorie FO, Adagbada AO, Yisau JI, David NA, Adeboye MAN, Adesida SA, Bamidele M, Adeneye A, Fowora MA, Musa ZA, Adedeji MA, Omonigbehin EA, Iroha E, Adedoyin OT, Eneh A, Ibeziako N, Jiya N, Oguche S, Bello M, Olowu AO, Ujah IAO (2016). Leading causes of childhood mortality in tertiary hospitals. *Ind J Child Health* 3: 281 - 285.
 - 18) Yisau JI, Adagbada AO, Bamidele T, Fowora M, Brai BIC, Adebessin O, Bamidele M, Fesobi T, Nwaokorie FO, Ajayi A, **Smith SI** (2017). Assessment of Knowledge of Participants on Basic Molecular Biology Techniques after 5-day Intensive Molecular Biology Training Workshops in Nigeria. *Biochem Mol Biol Educ* doi: 10.1002/bmb.21039.
 - 19) Uzeh R, Ihekire V, **Smith S**, Fowora M (2017). Phenotypic and Molecular detection of multi-drug resistant Salmonella Enteritidis, Salmonella Typhimurium and Salmonella species in retail raw beef. *Asian Pacific J Trop Dis.* 7: 482 – 485.
 - 20) Smith Sam, **Smith Stella** and Adedeji M (2017). The Influence of the Nigerian newspaper on Lassa fever reportage. *Int J Commun and Health.* 11: 76 – 86.
 - 21) Ute Harrison, Muinah A Fowora , Abiodun T Seriki , Eva Loell , Susanna Mueller, Margaret Ugo-Ijeh , Charles A Onyekwere , Olufunmilayo A Lesi, Jesse A Otegbayo , **Stella I Smith** , Dennis A Ndububa , Olusegun Adekanle , Ebere Anomneze , Fatimah B Abdulkareem , Isaac A Adeleye , Alexander Crispin , Gabriele Rieder, Wolfgang Fischer , **Stella I Smith** , Rainer Haas (2017). *Helicobacter pylori* infection in Nigeria is associated with low prevalence and divergent antibiotic resistance patterns. *PLOS ONE* 12(5): e0176454. <https://doi.org/10.1371/journal.pone.0176454>
 - 22) Seriki AT, **Smith SI**, Adeleye AI, Fowora MA, Onyekwere C, Lesi O, Ndububa D, Adekanle O, Otegbayo JA, Akere A (2017). *Helicobacter pylori* cytotoxin-associated gene A protein among adult dyspeptic patients in South-West Nigeria. *African J Microbiol Res*, Vol. 11(17), pp. 681-686, 7 May, 2017 DOI: 10.5897/AJMR2017.8548
 - 23) **Smith SI**, Ajayi A (2017). Viral causes of diarrhea in children in Africa: A literature Review. *J Mol Biol. Tech* 1: 104
 - 24) Cajethan O. Ezeamagu, Obasola E. Fagade, **Stella I. Smith** and Adeniyi A. Ogunjobi (2017). Evaluation of Resistance Pattern and Plasmid Profile of *Staphylococcus* Species Isolated from Clinical and Community Samples in Ibadan South-West, Nigeria. *Journal of Advances in Microbiology* 3(3): 1-9.

- 25) **Smith SI**, Seriki A, Ndip R and Pellicano R (2018). *Helicobacter pylori* infection in Africa: 2018 literature update. *Minerva Gastroenterol Dietol*. doi: 10.23736/S1121-421X.18.02464-9.
- 26) Abiodun Tola Seriki, **Stella I Smith**, Adeyemi I Adeleye and Muinah A Fowora (2018). Analysis of low-level tetracycline resistance in clinical isolates of *Helicobacter pylori* among dyspeptic patients in South-West Nigeria. *J Global Antimicrobial Resist* S2213-7165(18)30005-5. doi: 10.1016/j.jgar.2018.01.003.
- 27) Chinwe S Alaribe, Sunday Adesegun, Abel O. Idowu, Onome Egere, Chineye Ihemedu, Herbert Coker, and **Stella Smith** (2018). Cytoprotective, healing and anti-*Helicobacter pylori* activities of stem bark powder extracts and butanol fraction (BNL) of alkaloid rich *Nauclea latifolia* SM (Rubiaceae). *West Afr J Pharmacy* 29 (1) 110-120.
- 28) **Stella Smith**, Tolu Jolaiya, Muinah Fowora, Pia Palamides, Favour Ngoka, Moses Bamidele, Olufunmilayo Lesi, Charles Onyekwere, Rose Ugiagbe, Ifeanyi Agbo, Dennis Ndububa, Olusegun Adekanle, Abimbola Adedeji, Isaac Adeleye, Ute Harrison (2018). A survey of Clinical and Socio-demographic factors as risk Factors for Acquisition of *Helicobacter pylori* Infection in Nigeria. *Asian Pacific J Cancer Prevention* 19: 1851 – 1857. Doi:10.22034/APJCP.2018.19.7.1851
- 29) **Stella I Smith**, Jacob I Yisau, Nkiru A David, Muhammed A N Adeboye, Stephen Oguche, Moses Bamidele, Adeniyi Adeneye, Abimbola M. Adedeji, Zaidat A Musa, Mustapha Bello, Nma Jiya, Ajoke O Adagbada, Francisca Nwaokorie, Olanrewaju T Adedoyin, Adebiyi O Olowu (2018). Leading Causes of Childhood Mortality in Selected Communities in Northern Nigeria. *Sri Lanka J Med* Vol. 27 No.1, 2018. DOI: <http://doi.org/10.4038/sljm.v27i1.73>.
- 30) Nathan E. Agbor, Seraphine N. Esemu, Lucy M. Ndip, Nicoline F. Tanih, **Stella I. Smith** and Roland N. Ndip (2018). *Helicobacter pylori* in patients with gastritis in West Cameroon: prevalence and risk factors for infection. *BMC Res Notes* 11:559 <https://doi.org/10.1186/s13104-018-3662-5>.
- 31) Ajayi A and **Smith SI** (2018). Recurrent Cholera Epidemics in Africa: Which way forward? - A Literature Review. *Infection* DOI: 10.1007/s15010-018-1186-5.
- 32) Abimbola R Ezeh, Ben D Tall, Jayanthi Gangiredla, **Smith SI**, Olusimbo O Aboaba (2018). Determination of the phylogenetic relatedness of *Cronobacter* spp. isolated from powdered infant formula retailed in Nigeria using pan-genomic DNA microarray. *International Journal of Research - GRANTHAALAYAH* 6: 327 – 340. DOI:10.5281/zenodo.1345207.
- 33) O.S. Amoo, **S.I. Smith**, I.A.O. Ujah, D. Oladele, N. David, K.S. Oyedeji, F. Nwaokorie, T.A. Bamidele, E.E. Afocha, O. Awoderu, Y. Adesanmi J. Iwuora, A. Adeneye, M. Bamidele, S. Nduaga, F. Ige, B. Ajayi, A.Z. Musa, N. Idika, O.C. Ezechi and A. Ajayi (2018). Socio economic and health challenges of internally-displaced persons as a result of 2012 flooding in Nigeria. *Ceylon J Sci* 47: 229-234 DOI: <http://doi.org/10.4038/cjs.v47i3.753>.
- 34) Oluborode O. B, **Smith SI**, Seriki T.A., Fowora M. Abraham Ajayi, Coker A.O (2018). Antibiotic Susceptibility Pattern And Molecular Typing By PCR-RAPD Analysis Of Clinical And Environmental Isolates of *Pseudomonas aeruginosa*. *Microbiol Biotechnol Lett* 46: 434 – 437. <http://dx.doi.org/10.4014/mbl.1805.05007>
- 35) **Smith SI**, Jolaiya T, Onyekwere C, Fowora M, Ugiagbe R, Agbo I, Cookey C, Lesi O, Ndububa D, Adekanle O, Palamides P, Adeleye I, Njom H, Ayodeji I, Clarke A, Pellicano R. (2018). Prevalence of *Helicobacter pylori* infection among dyspeptic patients with and without type 2 diabetes mellitus in South-West and South-South regions of Nigeria. *Minerva*

Gastroenterol Dietol. doi: 10.23736/S1121-421X.18.02528-X. [Epub ahead of print]

- 36) Orev A Ogbor, Abraham Ajayi, Andreas E. Zautner , **Stella I. Smith (2019)**. Antibiotic susceptibility profiles of *Campylobacter coli* isolated from poultry farms in Lagos Nigeria – a pilot study. *European J Microbiol Immunol* DOI: 10.1556/1886.2019.00007
- 37) Ayodeji Idowu; Asisipho Mzukwa; Ute Harrison; Pia Palamides; Rainer Haas; Melvin Mba; Razinah Mamdoo; Jonathan Bolon; Tolulope Jolaiya; **Stella Smith**; Reidwaan Ally; Anna Clarke and Henry Njom **(2019)**. Detection of *Helicobacter pylori* and its virulence genes (*cagA*, *dupA*, and *vacA*) among patients with gastroduodenal diseases in Chris Hani Baragwanath Academic Hospital, South Africa. *BMC Gastroenterology*: 19:73 <https://doi.org/10.1186/s12876-019-0986-0>.
- 38) Ajayi A, **Smith SI**, Adeyemi Adeleye, Kalpy Julien COULIBALY, Jolaiya Tolulope Funbi, and Sojobi Ibidun **(2019)**. Serotype Distribution and Virulence Profile of *Salmonella enterica* Serovars Isolated from Food Animals and Humans in Lagos Nigeria. *Microbiol Biotech Lett* 47: 310- 316. <http://dx.doi.org/10.4014/mbl.1808.08007>
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