

# CURRICULUM VITAE



## 1. PERSONAL DATA

**NAME:** IFEOMA MAUREEN EZEONU, Ph.D.  
**ADDRESS:** 207 IKEJIANI AVENUE  
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**MARITAL STATUS:** MARRIED WITH CHILDREN  
**STATE OF ORIGIN:** ANAMBRA

## 2. EDUCATIONAL BACKGROUND

INSTITUTION	DEGREE OBTAINED	YEAR
Igwedumma Primary School, Amawbia, Awka, Anambra State	FSLC	1977
Federal Government Girls' College, Onitsha, Anambra State.	WAEC	1983
University of Nigeria, Nsukka, Nigeria	B.Sc. Microbiology	1987
Georgia State University, Atlanta, Georgia, U.S.A	M.Sc. Microbiology	1991
Georgia State University, Atlanta, Georgia U.S.A.	Ph.D. Microbiology	1994

## 3. EMPLOYMENT HISTORY

Georgia State University, Atlanta, Georgia, U.S.A.	Laboratory Instructor	1991-1994
Georgia State University, Atlanta, Georgia, U.S.A.	Instructor of Microbiology	1995-1998
Department of Medical Microbiology, College of Medicine, University of Nigeria, Enugu Campus	Lecturer of Microbiology, (N.Y.S.C.)	1998-1999

Department of Microbiology, University of Nigeria, Nsukka.	Lecturer 1	2000-2003
Department of Microbiology, University of Nigeria, Nsukka.	Senior Lecturer,	2003-2006
Department of Microbiology University of Nigeria, Nsukka.	Associate Professor	2006-2010
Department of Microbiology University of Nigeria, Nsukka.	Professor	2010-Date

#### 4. PROFESSIONAL SOCIETIES AND HONORS

##### (a) Membership in Professional Associations

Association	Post
Association for Research in Vision and Ophthalmology	Member
American Society for Microbiology	Member
Registry of American Medical Technologists	Member
Nigerian Society for Microbiology	Member
New York Academy of Science	Member

##### (b) Awards/Honours

Awarding Body	Award	Date
SGA Academic Affairs and Honor Society Council, Georgia State University, Atlanta, Georgia, U.S.A.	Certificate of Achievement	1991
Genetics Society of Georgia, Georgia, U.S.A.	First Prize, Student Podium Presentations	1992
Georgia State University, Atlanta, Georgia, U.S.A.	Regents Opportunity Scholarship	1992
National Institute of Health/ National Institute of General Medical Sciences, U.S.A.	Pre- Doctoral Fellowship	1993
University of Nigeria, Nsukka.	Senate Research Grant	2007
Bioresource Development Group	Research Support	2016

##### (c) Professional Qualification

Awarding Body	Qualification	Date
Registry of American Medical Technologists (AMT)	Medical Technologist (MT)	1992

## 5. SERVICES TO THE UNIVERSITY

- Dean, School of General Studies, 2013 – 2015
- Chairman, Senate Entrance Board, 2013 – 2014
- Chairman and member of several Investigative Committees, 2012 – Date
- Head, Department of Microbiology, 2010 – 2013
- Chairman, Senate Time Table Committee, 2011 – 2013.
- Member, Faculty Curriculum Committee, 2008 – Date.
- Member, Faculty Examinations Committee, 2008 – Date.
- Examination Officer, Department of Microbiology, 2004 – 2006.
- Coordinator, BIO 151, Faculty of Biological Sciences, 2006 – 2007.
- Secretary, Faculty Curriculum Committee, 2003 – 2008.
- Member, Faculty Time Table Committee, 2001 – 2003.
- LOC Member, Nigerian Universities Research and Development Fair, University of Nigeria, 2010.
- LOC Member, National Consultative Forum on microbial types' culture collection, University of Nigeria, Nsukka, 2011.
- Coordinator, Molecular Biology and Biotechnology Workshop, Department of Microbiology, 2011 – 2014.
- Coordinator, Resistant Infections Research Group

## 6. SERVICES TO RELEVANT PUBLIC BODIES

- Research Officer, Faculty of Biological Sciences Cassava to Ethanol Project Group, 2005.
- Reviewer, Bioresearch Journal, 2005 – Date.
- Reviewer, Discovery and Innovation Journal, 2005 – Date.
- Reviewer, Animal Research International, 2006 – Date.
- Reviewer, Nigerian Journal of Biotechnology, 2007 – Date.
- Editorial Board Member, Journal of Applied and Natural Sciences, 2007 – Date.
- Editorial Board Member, African Journal of Biotechnology, 2007 – Date.
- External Assessor for Professorial Candidates, Ebonyi State University; Federal University of Technology, Owerri; Enugu State University of Science and Technology.
- External Examiner for Madonna University, Elele; Godfrey Okoye University, Enugu; Federal University of Technology, Owerri; Federal University of Technology, Minna.
- Professor on sabbatical, Nnamdi Azikiwe University, Awka, 2015 – 2016.

## 7. POSTGRADUATE SUPERVISION

### M.Sc. Projects Supervised

- Incidence and antimicrobial resistance profiles of Group B *Streptococcus* (GBS) infection in pregnant women in Nsukka, Enugu State, Nigeria.
- Isolation and Characterization of *Staphylococcus aureus* strains from locally produced Yoghurt and Soyamilk drinks.

- Characterization of *Bacillus cereus* strains from various foods.
- Prevalence and antibiotic susceptibility profiles of enterobacterial pathogens and haematologic profiles of HIV seropositive individuals.
- Studies on the prebiotic properties of aqueous leaf extract of *Vernonia amygdalina* (Bitter leaf).
- Evaluation of *Uvaria chamae* aqueous and ethanolic extracts for activities against multidrug resistant bacteria.
- Prebiotic potentials and protective roles of *Vernonia amygdalina* and *Ocimum gratissimum* leaf extracts in the rabbit gastrointestinal tract.
- Studies on the factors influencing the formation of bacterial biofilms on urinary catheters.
- Studies on the antimicrobial properties, phytochemistry and acute toxicity profile of *Sarcocephalus latifolius* (root bark) and *Pycnanthus angolensis* (stem bark) crude extracts.
- Incidence, aetiology and antibiotic susceptibility profile of asymptomatic bacteriuria in pregnant women in Nsukka urban area of Enugu State.
- Characterization of *Bacillus cereus* from fresh vegetables and determination of factors influencing extracellular proteins and toxin production.
- Identification and evaluation of immuno-modulatory properties of prebiotics extracted from *V. amygdalina*
- Comparative evaluation of tuberculosis prevalence, blood profile and viral load in HAART and Non-HAART HIV-seropositive patients in Nsukka, Enugu State.
- *In vitro* assessment of the inhibition of biofilms on urinary catheters using immobilized *Lactobacillus* cells.
- Characterization of *Listeria* isolates from a RTE fermented milk and cereal product, *Fura-de-Nunu*, in Nsukka, south-eastern Nigeria.

#### **Ph.D. Projects Supervised**

- Human enteric Gram negative bacilli as reservoirs of multidrug resistance traits.
- Epidemiology of *Escherichia coli* O157:H7 diarrhoea among infants less than five years old in Ihiala L.G.A., Anambra State.
- Epidemiology of *Cryptosporidium* infections in Ebonyi and Enugu States, Nigeria.
- Molecular characterization and antibiotic susceptibility pattern of methicillin-resistant *Staphylococcus aureus* isolated from some communities and hospitals in Nsukka, Nigeria.
- Prevalence and antimicrobial susceptibility of genital *Mycoplasma* and *Ureaplasma* in pregnant and non-pregnant women in parts of Enugu State, Nigeria.
- Molecular characterization and antibiotic susceptibility profiles of clinical isolates of multidrug resistant *Pseudomonas aeruginosa* from Nsukka geopolitical zone, Nigeria.
- Epidemiological studies on drug resistant tuberculosis in Nsukka geopolitical zone, southeastern Nigeria.

## 8. PUBLICATIONS

### (a) Articles in Learned Journals

1. Williams, E., **Ezeonu, I.** and Dutt, K. (1994) Nucleoside transport sites in a cultured human retinal cell line established by transfection with SV40 T antigen gene. *Current Eye Research* **13**: 109-118.
2. Price, D. L., Simmons, R. B., **Ezeonu, I. M.**, Crow, S. A. and Ahearn, D. G. (1994). Colonization of fiberglass insulation used in heating, ventilation and air conditioning systems. *Journal of Industrial Microbiology* **13**:154-158.
3. **Ezeonu I. M.**, Noble, J.A., Simmons, R. B., Price, D.L., Crow, S. and Ahearn, D.G. (1994). Effect of relative humidity on fungal colonization of fiberglass insulations. *Applied and Environmental Microbiology* **60**: 2149-2151.
4. **Ezeonu, I.M.**, Price, D.L., Simmons, R.B., Crow, S.A. and Ahearn, D. G. (1994). Fungal production of volatiles during growth on fiberglass. *Applied and Environmental Microbiology* **60**: 4172-4173.
5. **Ezeonu, I.M.**, Price, D.L., Crow, S.A. and Ahearn, D.G. (1995). Effects of extracts of fiberglass insulations on the growth of *Aspergillus fumigatus* and *A. versicolor*. *Mycopathologia* **132**: 65-69.
6. Dutt, K., **Ezeonu, I.M.**, Scott, M.S., Semple, E. and Srinivasan, A. (1996). Protooncogene expression in cAMP and TPA-mediated neuronal differentiation in a human retinal cell line KGLDMSM. *Current Eye Research* **15**: 477-485.
7. **Ezeonu, I.**, Smith, S. and Dutt, K. (1999). Differentiation in a human retinal precursor cell line: limitation to multipotency. *In Vitro Cell. Dev. Biol. –Animal* **35**: 435-440.
8. **Ezeonu, I.**, Derrickson, B. and Dutt, K. (2000). Cell fate decisions in a human retinal precursor cell line: Basic fibroblast growth factor- and transforming growth factor- $\alpha$ -mediated differentiation. *DNA and Cell Biology* **19**: 527-537.
9. Moneke, A. N., **Ezeonu, I.M.**, Obi, S.K.C. and Wiegel. J. (2003). Xylan-substituent hydrolyzing enzymes of *Clostridium thermohydrosulfuricum*, *Thermoanaerobacter ethanolicus* and *Thermotogaquereum fastidiosum* (Gen. nov. sp. nov.) *Journal of Nigerian Environmental Society* **1**: 62-68.
10. **Ezeonu, I.M.**, Moneke, A.N. and Obi, S.K.C. (2003). Preliminary studies on the endo-xylanase and acetylase of *Clostridium thermohydrosulfuricum* (JW 102). *Bio-Research* **1(2)**: 1-9.
11. Obineme, O.J., **Ezeonu, I.M.**, Moneke, A.N. and Obi S.K.C. (2003). Production and characterization of an alpha-amylase from an *Aspergillus oryzae* strain isolated from soil. *Nigerian Journal of Microbiology* **17**: 71-79.

12. **Ezeonu, I.M.**, Wang, M., Kumar, R. and Dutt, K. (2003). Density-dependent differentiation in non-transformed human retinal progenitor cells in response to basic fibroblast growth factor and transforming growth factor- $\alpha$ . *DNA and Cell Biology* **22**: 607-620.
13. Ike, S.C, Moneke, A.N., Mgbor, N. and **Ezeonu, I.M.** (2004). Studies on *Escherichia coli* heat-stable enterotoxin (ST) production in different artificial media. *Nigerian Journal of Microbiology* **18**: 228-234.
14. Ike, S. C., **Ezeonu, I. M.** and Mgbor, N. (2005). Production of *Escherichia coli* heat-labile enterotoxin (LT) in some artificial media and commercially available baby foods. *Bio-Research* **3**: 56-61.
15. Dutt, K. and **Ezeonu, I. M.** (2006). Human retinal and brain cell lines: A model of HCMV retinitis and encephalitis. *DNA and Cell Biology* **25**: 581-596.
16. Ezurike, O. A., **Ezeonu, I. M.**, Chah, K. F. and Shoyinka, S. V. (2007). Histopathological changes induced by staphylococcal enterotoxin produced in yoghurt. *Animal Research International* **4**: 587-590.
17. Agwung-Fobellah, D., Okafor, I. J., **Ezeonu, I. M.**, Mounmbegna, P. P. E. and Johnson, P. (2007). Phytochemical properties and antibacterial susceptibility pattern of *Ocimum gratissimum* and *Psidium guajava* on diarrhea pathogens from Ihiala, Anambra State. *Tropical Journal of Biomedical and Allied Sciences Research* **1**: 4-10.
18. Agwung-Fobellah, D., Okafor, I. J., **Ezeonu, I. M.** and Obiedelu, P. C. (2007). Microbial qualities of infants weaning *akamu* in Ihiala Local Government Area of Anambra State. *Tropical Journal of Biomedical and Allied Sciences Research* **1**: 54-60.
19. **Ezeonu, I. M.** and Ezurike, O. A. (2008). Isolation and characterization of enterotoxigenic *Staphylococcus aureus* from yoghurt samples. *Nigerian Annals of Natural Sciences* **7**: 1-12.
20. **Ezeonu, I. M.**, Ayalogu, V. O. and Esimone, C. O. (2008). Studies on the use of plant extracts for the prevention of bacterial biofilms on urinary catheters. *Nigerian Journal of Biotechnology* **20**: 13-21.
21. **Ezeonu, I. M.** and Ukwah, B. N. (2009). *In vivo* studies on the prebiotic effects of *Vernonia amygdalina* leaf extracts. *Bioresearch* **7**: 396-401.
22. Ukwah, B. N. and **Ezeonu, I. M.** (2009). *In vitro* stimulation of growth of intestinal bacteria by prebiotic components of *Vernonia amygdalina* leaf extract. *Journal of Applied and Natural Sciences* **3**: 2-7.
23. **Ezeonu, I. M.** and Ugwu, C. C. (2009). Isolation and characterization of *Bacillus cereus* strains from various food samples. *Nigerian Journal of Microbiology* **22**: 1700-1708.
24. Nmema, E. E., Okafor, J. I. and **Ezeonu, I. M.** (2009). Preliminary studies on the antimicrobial activities of extracts of *Alchornea cordifolia*, *Nauclea latifolia* and

*Spondias mombin* against antibiotic-resistant *Pseudomonas aeruginosa* and some other pathogenic bacteria. *Bioresearch* **7**: 540-543.

25. Ikeh, M. A. C., Obi, S. K. C., Ezeasor, D. N., **Ezeonu, I. M.** and Moneke, A. N. (2010). Incidence and pathogenicity profile of *Listeria* sp. isolated from food and environmental samples in Nsukka, Nigeria. *African Journal of Biotechnology* **9**: 4776-4782.
26. Dutt, K., Cao, Y. and **Ezeonu, I.** (2010). Ciliary neurotrophic factor: a survival and differentiation inducer in human retinal progenitors. *In vitro Cellular and Developmental Biology- Animal* **46**: 635-646.
27. Ikeh, M. A. C., Obi, S. K. C., Moneke A. N. and **Ezeonu, I. M.** (2010). Effect of pH and temperature on cell viability and haemolysin production by *Listeria* spp isolated from uncooked meat and vegetable samples in Nsukka, Nigeria. *Nigerian Journal of Microbiology* **24**: 2235-2242.
28. **Ezeonu, I. M.** and Ugwu, K. O. (2010). Incidence of diarrhea and antibiotic resistance profiles of enteric bacteria in HIV positive individuals. *Nigerian Journal of Microbiology* **24**: 2251-2260.
29. Eze, E. A., **Ezeonu, I. M.** and Okafor, J. I. (2010). The flip side of herbal remedies. *Journal of Rural and Tropical Health* **9**: 67-76.
30. Eze, E. A., **Ezeonu, I. M.** and Okafor, J. I. (2011). Correlations between antibiotic intake and resistance of some enteric Gram negative bacilli to antibiotics. *Global Journal of Pure and Applied Sciences* **17**: 23-32.
31. **Ezeonu, I. M.**, Akobueze, E. U and Chah, K. F. (2012). The prebiotic effects of *Vernonia amygdalina* and *Ocimum gratissimum* aqueous leaf extracts in rabbit (*Oryctolagus cuniculus*). *African Journal of Biotechnology* **11**: 2537-2547.
32. Ukwah, B. N. and **Ezeonu, I. M.** (2013). Prevalence of *Cryptosporidium* and other intestinal parasites using different diagnostic techniques in Enugu Metropolis, South-Eastern Nigeria. *African Journal of Microbiology Research* **7**: 1366-1370.
33. **Ezeonu, I. M.** and Okonkwo, O. (2013). Influence of incubation temperature, pH and food substrate on production of *Bacillus cereus* extracellular proteins and toxins. *African Journal of Microbiology Research* **7**: 2050-2056.
34. **Ezeonu, I. M.** and Ayogu, F. C. (2013). Distribution and antibiotic resistance profiles of *Staphylococcus aureus* strains in hospital and non-hospital environments in Nsukka. *Annals of Biological Sciences* **1**: 9-13.
35. **Ezeonu, I. M.** and Agbo, M. C. (2014). Incidence and antimicrobial resistance profiles of group B *Streptococcus* (GBS) infection in pregnant women in Nsukka, Enugu State, Nigeria. *African Journal of Microbiology Research* **8**: 91-95.
36. Ukwah, B. N. and **Ezeonu, I. M.** (2014). In vivo studies on the prebiotic effects of *Vernonia amygdalina* leaf powder on Broilers' intestinal microflora and pathogen shedding. *Journal of Biological and Chemical Research* **31**: 464-473.

37. Ukwah, B. N., **Ezeonu, I. M.**, Eze, E. A. and Uguru, J. O. (2014). Assessment of prebiotic roles of *Musa paradisiacal* (plantain) peels for controlling spread of *Salmonella* and other infectious disease agents by broilers. *Journal of Biological and Chemical Research* **31**: 901-911.
38. Echi, P. C., Suresh, K. U., George, S., Ratheesh, R.V., **Ezeonu, I. M.**, Ejere, V. C., Eyo, J. E. and Nwani, C.D. (2015). Molecular resolution of some West African birds using DNA barcoding. *Environment Conservation Journal* **16**: 87-92.
39. Dickson, D. I., Ike, A. C. and **Ezeonu, I. M.** (2016). Serotyping and molecular typing of *Salmonella* species isolated from wastewater in Nsukka, Nigeria. *African Journal of Microbiology Research* **10**: 883-889.
40. **Ezeonu, I. M.** and Kanu, J. U. (2016). Inhibition of biofilms on urinary catheters using immobilized *Lactobacillus* cells. *African Journal of Microbiology Research* **10**: 920-929.
41. **Ezeonu, I. M.**, Asuquo, A. E., Ukwah, B. N. and Ukoha, P. O. (2016). Immunomodulatory properties of prebiotics extracted from *Vernonia amygdalina*. *African Journal of Traditional, Complementary and Alternative Medicine* **13**: 11-17.
42. Ukwah, B.N., **Ezeonu, I. M.**, Ezeonu, C. T., Roellig, D and Xioa, L. (2017). *Cryptosporidium* species and subtypes in diarrheal children and HIV-infected persons in Ebonyi and Nsukka, Nigeria. *The Journal of Infection in Developing Countries* **11**: 173-179.
43. **Ezeonu, I. M.**, Ononugbo, C. M. and Ike, A. C. (2017). Characterization of *Listeria* isolates from a ready-to-eat (RTE) fermented milk and cereal product, *Fura-de-nunu*, in Nsukka, south-eastern, Nigeria. *Journal of Food Quality* (In press).

**(b) Books and Monographs**

1. Ezeonu, I.M. (2000). *Understanding the Genetics of Microorganisms*. First ed. Fourth Dimension Publishing Co. Ltd. Enugu.
2. Ezeonu, I. M. (2007). *Understanding the Genetics of Microorganisms*. 2nd ed. Ephrata Press, Nsukka.
3. Ezeonu, I. M, Okafor, J. I. and Ogbonna, J. C. (Eds.) (2011). *Laboratory Exercises in Microbiology*. Ephrata Press, Nsukka.
4. Ezeonu, I. M. (2012). *People vs Bacteria: Bacteria Innocent until Proven Guilty*. 70<sup>th</sup> Inaugural Lecture of the University of Nigeria, Nsukka. Senate Ceremonials Committee, University of Nigeria, Nsukka.

**(c) Book Chapters**

1. **Ezeonu, I. M.** (2011). Microbial Genetics and Molecular Biology. In: *Laboratory Exercises in Microbiology*; Ezeonu, I. M., Okafor, J. I. and Ogbonna, J. C. (Eds), Ephrata Press, Nsukka.



2. **Ezeonu, I. M.** and Okafor, J. I. (2011). Clinical Bacteriology. In: *Laboratory Exercises in Microbiology*; Ezeonu, I. M., Okafor, J. I. and Ogbonna, J. C. (Eds), Ephrata Press, Nsukka.
3. **Ezeonu, I. M.** (2013). Stem Cell technologies and Therapeutic Cloning. In: *Fundamental, Industrial and Medical Biotechnology*; Ogbonna, J. C., Ewa Ubi, B. and Enweani, I. B. (Eds), Universal Academic Services, China.

(c) **Conference Papers**

1. Dutt, K., **Ezeonu, I.**, Harris-Hooker, S., Srinivasan, A. and Verly, G. Establishment of human ocular tissue cell lines: A model for HIV/CMV interactions. RCM International AIDS Symposium, Atlanta, GA. 1991
2. Ezeonu, I. M., Srinivasan, A., Smith, S. E. and Dutt, K. Differentiation of a human retinal cell line established through gene transfer by differentiation-inducing agents. Annual meeting of the Genetics Society of Georgia, Atlanta, GA. 1991
3. Derrickson, B. H., **Ezeonu, I. M.** and Dutt, K. Neuronal differentiation of a pigmented epithelial cell line transfected with H-ras (Val 12). National Institute of General Medical Sciences (NIGMS) Symposium, Washington, DC. 1991.
4. Derrickson, B. H., **Ezeonu, I. M.** and Dutt, K. Modulation of neuronal differentiation by extracellular matrices. Annual meeting of the Genetics Society of Georgia, Columbus, GA. 1992.
5. Shanmugam, V., Srinivasan, A., **Ezeonu, I.**, Semple, E. and Dutt, K. Susceptibility of human retinal cell line to HIV-1 and CMV infection. 33rd General Meeting of the Association for Research in Vision & Ophthalmology held in Sarasota, Florida, May 1992.
6. Dutt, K., **Ezeonu, I.**, Scott, M., Shanmugam, V. and Srinivasan, A. Cascade of protooncogenes implicated in cAMP, TPA mediated differentiation of human retinal cell line. 33rd General Meeting of the Association for Research in Vision & Ophthalmology, Sarasota, Florida. 1992.
7. **Ezeonu, I.**, Smith, S., Wang, M, Shanmugam, V and Dutt, K. Modulation of differentiation of retinal cell line by differentiation specific inducers and extracellular matrices. 33rd General Meeting of the Association for Research in Vision & Ophthalmology, Sarasota, Florida. 1992.
8. Dutt, K., **Ezeonu, I.**, Gubrin, M., Malecaze, F., Delmonte, M and Plouet, J. Autocrine stimulation of human retinal pigmented epithelial cell proliferation by VAS/VEGF. 34th General Meeting of the Association for Research in Vision & Ophthalmology (ARVO), Sarasota, Florida, May 1993.
9. **Ezeonu, I.**, Dutt, K., Derrickson, B., Semple, E. and Srinivasan, A. Modulation of differentiation of human retinal cell line by trophic factors (neurotrophic, growth). 34th General Meeting of the Association for Research in Vision & Ophthalmology (ARVO), Sarasota, Florida, May 1993.
10. Price, D. L., Ahearn, D. G., **Ezeonu, I. M.**, Simmons, R. B. and Chafin, J. M. Fungi colonizing HVAC systems. Southeastern Regional ASM, Clear Water Beach, Florida. 1993.
11. Simmons, R. B., **Ezeonu, I. M.**, Price, D. L., Noble, J. A., Crow, S. A. and Ahearn, D. G. Microscopic demonstration of fungi in HVAC materials. Southeastern Regional ASM, Clear Water Beach, Florida. 1993.

12. Ahearn, D. G., **Ezeonu, I. M.**, Price, D. L., Simmons, R. B. and Crow, S. A. Colonization of indoor substrates by fungi. Fifth International Mycology Congress, Vancouver, British Columbia, Canada. 1994.
13. Simmons, R. B., **Ezeonu, I. M.**, Crow, S. A. and Ahearn, D. G. Fungal colonization of primary air filter media from heating, ventilating and air conditioning systems. 94<sup>th</sup> General Meeting of American Society for Microbiology, Washington, DC. 1994.
14. Price, D. L., Salmi, L. L., **Ezeonu, I. M.** and Ahearn, D. G. Fungal colonization and water activity studies of heating, ventilating and air conditioning system insulation materials from a sick building. International workshop on indoor air, Australia. 1994.
15. **Ezeonu, I. M.**, Crow, S. A., Simmons, R. B., Price, D. L., Noble, J. A. and Ahearn, D. G. Fungi and indoor air quality. Biotechnology Symposium, Georgia State University, Atlanta, GA. 1994.
16. **Ezeonu, I. M.**, Noble, J. A., Simmons, R. B., Price, D. L., Crow, S. A. and Ahearn, D. G. Effect of relative humidity on fungal colonization of fiberglass insulations. 94<sup>th</sup> General Meeting of American Society for Microbiology, Washington, DC. 1994.
17. Dutt, K., Derrickson, B., Macleish, P. and **Ezeonu, I.** Induction of photoreceptor differentiation by bFGF and TGF $\alpha$ . 36<sup>th</sup> General Meeting of the Association for Research in Vision & Ophthalmology (ARVO), Fort Lauderdale, Florida, May 1995.
18. Dutt, K., **Ezeonu, I.** and Srinivasan, A. Human ocular cell lines: A model for CMV retinopathy. 37<sup>th</sup> General Meeting of the Association for Research in Vision & Ophthalmology (ARVO), Fort Lauderdale, Florida, May 1996.
19. Dutt, K and **Ezeonu, I.** Ciliary neurotrophic factor (CNTF): a survival and differentiation factor for human retinal cells. 39<sup>th</sup> General Meeting of the Association for Research in Vision & Ophthalmology (ARVO), Fort Lauderdale, Florida, May 1998.
20. **Ezeonu, I. M.**, Ukwah, B. N. and Akobueze, E. U. *In vivo* studies on the prebiotic effects of *Vernonia amygdalina* and *Ocimum gratissimum* aqueous leaf extracts using rabbit models. 34<sup>th</sup> Annual Conference of the Nigerian Society for Microbiology, Federal University of Technology, Owerri. 2010.
21. **Ezeonu, I. M.**, Ugwu, K. O. and Onakpa, I. Formulation of a herbal extract-based mouthwash for oral hygiene. 4<sup>th</sup> Edition of Nigerian Universities Research and Development Fair (NURESDEF), University of Nigeria, Nsukka, 2010.
22. **Ezeonu, I. M.**, Ukwah, B. N. and Akobueze, E. U. Discovery of the prebiotic potentials of *Vernonia amygdalina* leaves. 4<sup>th</sup> Edition of Nigerian Universities Research and Development Fair (NURESDEF), University of Nigeria, Nsukka 2010.
23. **Ezeonu, I. M.** and Agbaladozie, K. I. Studies on the antimicrobial properties, phytochemistry and acute toxicity profile of *Pycnanthus angolensis* (stem bark). 36<sup>th</sup> Annual Conference of the Nigerian Society for Microbiology, Nnamdi Azikiwe University, Awka. 2012.
24. **Ezeonu, I. M.** and Okonkwo, O. V. Influence of incubation temperature, pH and food substrate on production of *Bacillus cereus* extracellular proteins and toxins. 36<sup>th</sup> Annual Conference of the Nigerian Society for Microbiology, Nnamdi Azikiwe University, Awka. 2012.

25. **Ezeonu, I. M.** and Agbo, M. C. Incidence and antimicrobial resistance profiles of Group B Streptococcus infection in pregnant women in Nsukka. 36<sup>th</sup> Annual Conference of the Nigerian Society for Microbiology, Nnamdi Azikiwe University, Awka. 2012.
26. **Ezeonu, I. M.**, Ukwah, B. N. and Oladepo, D. K. Studies on the prebiotic potentials of *Vernonia amygdalina*. HerbFest Symposium, Raw Materials Research and Development Council, Abuja. October, 2013.
27. **Ezeonu, I. M.**, Ntun, W.N. and Ugwu, K.O. Intestinal Candidiasis and Antibiotic Usage in Children: Case Study of Nsukka, South Eastern Nigeria. 4th Annual Clinical Trial Summit, Abuja, Nigeria. June, 2016.
28. Ikele, O. M., **Ezeonu, I. M.** and Umeh, C. N. Studies on the prebiotic potential of *Ocimum gratissimum* in poultry birds (*Gallus domesticus*). HerbFest Symposium, Owerri, Nigeria. October, 2016.

## HOBBIES

Singing, reading and writing novels.

## REFEREES

1. Prof. B. N. Okolo  
Department of Microbiology  
University of Nigeria, Nsukka.  
Tel: 08033401971  
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2. Prof. P. E. Chigbu  
Deputy Vice Chancellor (Academic)  
University of Nigeria, Nsukka.  
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Email: polycarp.chigbu@unn.edu.ng
3. Prof. F. J. C. Odibo  
Department of Applied Microbiology & Brewing  
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***Professor of Medical Microbiology and Molecular Genetics***