**CURRICULUM VITAE**

1. **BIO- DATA:**

Name: **DR.ANI, CELESTINE OKAFOR**

Next of kin: Master Ani Chimbudike Delight

Date of birth: 13th September, 1977,

Place of Birth: Obeagu Amukabi Nomeh Unateze

State of Origin: Enugu

Nationality: Nigeria

Permanent Home Address: Obeagu Amukabi Nomeh Unateze in Nkanu-East

Mobile Phone No: +2348034607689, +2348159416345

Current Postal Address: Department of Human Physiology, Faculty of

 Basic Medical Sciences, College of Medicine, State University of Medical & Applied Sciences, Igbo-Eno Enugu State Nigeria

Email: anicelestine2006@gmail.com;

Marital Status: Married

No of Children with ages: Evangel Chigozirim (13),Clara Chinagorom(11), Christabel Nkemjika (9), Collete Komasirichi (3), Delight Chimbudike (1)

1. **EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS WITH DATES**

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| --- | --- | --- | --- | --- |
| **S/N** | **INSTITUTION** | **SPECIALIZATION** | **CERTIFICATES** | **DATE** |
| 1. | UNIVERSITY OF NIG. ENUGU CAMPUS | Cardiovascular Physiology | Ph.D | 2018-2022 |
| 2 | UNIVERSITY OF NIG. ENUGU CAMPUS | Cardiovascular Physiology | M.Sc ( **4.35**) | 2013-2016 |
| 3 | ABIA STATE UNIV. UTURU | Blood Physiology | PGD **(3.95**) | 2009-2011 |
| 4 | UNN/ NIG. INST. OF SCI. LAB TECH | Physiology/Pharmacology Technique (SLT) | HND (NISLT) Upper credit | 2004-2006 |
| 5 | UNN/ NIG. INST. OF SCI. LAB TECH | GEN. LAB TECHNIQUES | ND (NISLT) | 2001-2004 |
| 6 | SPECIAL SCIENCE SCHOOL IHE – AWGU | SCIENCES | WASSC | 1994-1996 |
| 7 | COMMUNITY SEC SCH NOMEH |  | JSCE | 1991-1993 |
| 8 | COMMUNITY PRI SCH NOMEH |  | FSLC | 1984-1990 |

1. **ACADEMIC HONOURS:**
* 2017 Academic and Meritorious Service Award by National Association of Academic Technologist (NAAT), Benue State University, Makurdi
* 2005/ 2006 Best graduating Student in Physiology/Pharmacology Techniques option in the Department of Science Laboratory Technology, University of Nigeria, Nsukka
* nd Best student student in JSCE 1993 Examination in Comm Sec School Nomeh
* Best Pupil in 1990 Common Entrance and Fslce among for primary school in Nomeh.
1. **PRESENT/PREVIOUS EMPLOYMENT HISTORY**

|  |  |  |
| --- | --- | --- |
| **POSITION** | **INSTITUTION** | **DATE** |
| **Lecturer 1 (CONUASS 4 Step 1)** | **Department of Physiology, State University of Medical & Applied Science ( SUMAS), Igbo-eno, Enugu State** | **Dec 2023- Date** |
| Lecturer II | Department of Physiology, ESUCOM | Oct 2023- Dec, 2023 |
| ASSISTANT LECTURER (Conversion) | Dept of Physiology, ESUCOM | 2020-2023 |
| Assistant Chief Technologist  | Dept of Physiology, ESUCOM | 2020 |
| Principal Lab Technologist | Dept of Physiology. ESUCOM | 2017-2020 |
|  | **I** | **D** |
| SENIOR LAB TECHNOLOGIST | College of Health Science, Benue State University Makurdi,  | 2015-2017 |
| Technologist 1 | College of Health Science, Benue State University Makurdi | 2012-2015 |
| Technologist II | Madonna University Elele Campus | 2009-2012 |
| Biology /Chemistry Instructor/Tutor  | Science & Technology Educational Resource Centre. Abia State College of Education Technical Arochukwu |  2007-2009 |

1. **CONTRIBUTION TO THE SOCIETY/ LEADERSHIP EXPERIENCES**

|  |  |  |
| --- | --- | --- |
| POSITION | BODY/SOCIETY | YEAR |
| **Head of Department (HOD)**  | Department of Human Physiology, Faculty of Basic Medical Sciences, State University of Medical & Applied Sciences, Igbo-eno | Feb, 2024-Date |
| Member | Department of Physiology, NUC Accreditation committee ESUCOM | Nov 2023 |
| Representative of the HOD  | ESUT College of Medicine Academic staff Appraisal committee | 2022 |
| Representative of the HOD Physiology | Faculty of Basic Medical Sciences, Pre- Clinical 11 ( MBBS) screening committee |  2023. |
| National Treasurer, | Nomeh Unateze Town Union in Nkanu-East LGA of Enugu State | 2021- Date |
| National President | Amukabi Nomeh Unateze Development Union | 2018-Date |
| National Secretary | Special Science School, Ihe –Awgu ,1996 Congress | 2018-Date |
| Board Chairman | Nomeh Unateze Health Centre | 2021-Date |
| Chairman | School Based management Committee of Community Secondary School Nomeh | 1. Date
 |
| Member ,Medical Outreach Programme Arcohukwu | SCIENCE & TECHNOLOGY EDUCATIONAL RESOURCE CENTRE (THALIA FOUNDATION) AROCHUKWU | 2007 |

1. **ACADEMIC CONFERENCES ATTENDED WITH DATES**

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| --- | --- | --- |
| **HOST** | **TITLE/theme** | **DATE** |
| 41ST Annual Scientific Conference of the Physiological Society of Nigeria (PSN) | From Bench to bedside/The growing use of transaltional research in medical practice; The role of the Physiologists | 12th-17th February, 2024 |
| Medical & Dental Consultants Association of Nigeria (MDCAN), ESUCOM | Symposium on Ethical Issues in Medical Practice | July, 2023 |
| ESUT COLL. OF MEDICINE | WORKSHOP ON MEDICAL EDUCATION | 2023 |
| Fac. Of Pharm Sciences, ESUT | A 2-Day Training on Bioinformatics and computer aided drugs design | Enugu 2022 |
| Directorate of Research UNTH Ituku Ozalla | Optimizing Research Application in Health Development | Enugu 2021 |
| African Association of Physiological Sciences/ Physiological Society of Nigeria | Physiological genomics, cell and Tissue culture, Bioinformatics, Genetic Engineering , Drug development and Pharmacogenomics | Lagos 2016(Paper presented & published) |
| Physiologcal Society of Nigeria, Coal City, 2015 | The role of a Physiologist in Health Care delivery | Enugu 2015. |

1. **MONOGRAPHS & BOOKS**
2. AGU UF, CHUKWU BJ**, ANI CO** (2021).Practical Manual of Experimental Physiology FOR mbbs, B.Sc and Postgradiate studies. Gregory University Uturu. GUU Press Ltd.ISNN: 978-978-467-2

**2.** A.F Asalu, J.J Oloche, C.P Ebute, E.O Pius, **C.O Ani** (2016)"Experimental Pharmacology Manual for Medical Students" 2nd Edn. Department of Pharmacology & Therapeutics, Benue State University Makurdi

1. **CREATIVE OUTPUT.**
2. **Ani CO (**2023). Effect of fermented palm wine on palm wine on indomethacin induced gastric ulceration in male Wistar rats. Applied Science Research periodicals. 1(8):1-8
3. **Ani CO**,Onyeama ES, Uzoechina CC, Nweke ML (2023).Effects of isolated *cola nitida* (kolanut) caffeine on metoclopramide induced parkinsonism in male Wistar rats. Applied Science Research Periodical. 1(9):1-13.
4. **Ani CO** , Nnaekpe EM, Nweke ML, Okoro KO et al. (2023).Evaluation of th antiobesity effect of Ethanolic leaf wxtract of Murraya koenigii (curry leaf) on high fat diet-induced Obesity in Wistar rat. Applied Science Research Periodicals . 1(6):29-38
5. **Ani CO**, Abazie UC, Oleke CJP, et al (2023) Effect of Troponin -I and other cardiac markers on diabetic foot-ulcer patiwnts attending General Outpatient Department at ESUTH Enugu Nigeria. Paripex-Indian Research Journal . 12(9):1-9
6. Ogbodo AC,  **Ani CO,** Okolo KO, Edward BR, Agbor JI (2023) . Antidiabetic effect of extract of zingiber officianale (Ginger) and alkaloid combination fraction of picrilima nitida on alloxan monohydrate induced tyoe-2 diabetes in Wistar rat. Journal of Physiology & Pathophysiology. 13(2):1-8
7. Agu UF, **Ani CO**, Olachi PO,Edward RB, Chima IU, Iyare CO, Onwuka CK, Nweke ML (2023). Effect of isolated lycopene-rich extract of solanum lycopersicon on alloxan monohydrate induced type -2 diabetes mellitus in adult Wistar rats. Journal of Diabetes & Endocrinology . (Article accepted & In press)
8. Ogbodo Chidiebere Angela**, Ani Celestine Okafor**, Okolo Kenneth Obinna, Onwuka Kelechi Collins, Onimisi John Olayinka, Edward Bubaraaye Racheal (2023). Antidiabetic Effect of Methanolic extract of *Zingiber Officinale*(Ginger) And Alkaloid Combination Fraction of *Picralima nitida* In Alloxan Monohydrate Induced Type -2 Diabetes in Wistar Rat. *Journal of Physiology and Pathophysiology*. 13(2): 1-8
9. Akpotu Emmamuzou Ajirioghene, **Celestine Okafor Ani**, Doris Ajebor, Alabarima Favout Elavieniso, Okolo Kenneth Obinna (2022). Methanolic leaf Extract of Dryopteris dilatata reverses kidney injury on streptozotocin induced diabetic male wistar rats. Nigerian Journal of Experimental and Clinical Biosciences. Vol 10 (3): 65-73)
10. **Ani Celestine Okafor**, Nweke Luke Maduka, Okeke Pearl Adaobi,Okolo Kenneth Obinna, et al., (2022) (2022Investigation of the effect and possible antihypertensive activity of lycopene-rich extract of solanum lycopersicon in Wistar rats. International Journal of Clinical and Experimental Physiology 9 (2):1-4 **(Ph.D Thesis)**
11. **Ani Celestine Okafor**, Ezeokafor Emmanuel Nonso, Okolo Kenneth Obinna, Abayomi Mark David, Nweke Maduka Luke, Chukwu Aja O’ Brien , Agu Francis Uchenna, Agbor Joseph Ikenna, Ndubisi Nonso Richard, Nwanaga Clinton uche, Iheanacho Hannah Mmesoma, Ogbodo Chidiebere Angela (2022). Effect of methanolic extract of carica papaya seed on renal function and antioxidant activities following ibuprofen –induced toxicity on male Wistar rats. Free Radicals & Antioxidant 12(1):36-40
12. Okeke Adaobi Pearl, **Ani Celestine Okafor**, Nweke Maduka Luke, Agbor Joseph Ikenna, Ndubuisi Nonso Richard, Katchy Nkiru Amara, ChukwuaJa O’ Brien, Okafor Oluchukwu Kizito, Obianuo Chineta Sussan, Agu Francis Uchenna, Abayomi David Mark, Iyare Edorisiagbon Eghosa (2022).Effect of Moringa oleifera Consumption during Lactation and Early Post-weaning Period on Lipid Profile and Diet-induced Programming of Obesity in the Offspring of Wistar Rats. [International Journal of Clinical and Experimental Physiology](https://www.researchgate.net/journal/International-Journal-of-Clinical-and-Experimental-Physiology-2348-8093) 9(1):28-32 DOI: [10.5530/ijcep.2022.9.1.5](http://dx.doi.org/10.5530/ijcep.2022.9.1.5)
13. Ezeokafor Emmanuel , **Ani Celestine**, Nweke Maduka, Okeke Adaobi , Pamela Okorie, Agbor Joseph, Kenneth Okolo, Ndubuisi Richard (2022).Evaluation of the antioxidant status and renal function following exposure of gasoline vapour inhalation on male Wistar rats. BMC Biotechnology 22 (9): 1-8
14. Akpotu Ajirioghene, **Ani Celestine**, Agiopu Toby, Okeke Adaobi, Agu Francis, Ugwuchukwu Nnaemeka, Ugwudike Patrick, Eze Chukwuka, Uzoigwe Patrick, Anyaeji Pamela, Ghasi Samuel (2021).Phytochemical and in vitro antioxidant properties of ethyl acetate leave extract of dryopteris dilatata on Wistar rats. African Journal of Biotechnology. 20(8): 318-324
15. Agiopu Toby Unimiake, **Ani Celestine Okafor**, Anyaeji Pamela Somkene, Okeke Adaobi Pearl, Okolo Kenneth Obinna, Nweke Maduka Luke (2021). Evaluation of the microbial loads of herbal recipes for management of Diabetes in Nigeria.International Journal of Modern Pharmaceautical Research. IJMPR 2022.www.ijmpronline.com
16. **Ani Celestine O**, Agiopu Toby Unimiake (2021).Evaluation of the Physicochemical properties of Persea Americana fruits for margarine on wheat-avocado cakes production on Wistar rats.International Journal of Current Pharmaceutical Research. 5(8):04-12
17. Ugwu Sandra , Francis Agu, **Celestine Ani**, Augustine Ndubuisi, Pamela Somke,

 Princewill Ugwu, Daniel Nwachukwu (2020).Gastoprotective effect of Gnetum Africanum ethanolic extract on acetic acid induced gastric ulcer in adults wistar rats Medicinal and Aromatic Plants. Vol (9):4.No.354.

1. Njoba Sunday, Princewill Ugwu, **Celestine Ani**, Francis Agu, Augustine Ndubuisi, Chinemerem Nworgu, Daniel Nwachukwu et al (2020 .Electrocardiogram Parameters in Patients with hypertensive heart failure in Abakalikki South-Eastern Nigeria. Journal of Clinical Medicine Research. Vol 11(1):1-8
2. Augustine Ndubuisi, Ugwu Ebuka**, Ani Celestine**, Eze Wenceslaus, Ugwudike Patrick, Anyaeji Pamela, Ude Victor Chibueze, Agu Francis Uchenna, Nworgu Choice, Ikwuka David, Ugwuishi Emeka and Anyanwu Gabriel Emeka. (2020). Effect of aqueous extract of zest of citrus sinensis on cadmium chloride induced hepatotoxicity in wistar rats. African Journal of Biochemistry Research. 14(1); 5–7
3. Nwaeme Ogochukwu, Ude Victor Chibueze, Augustine Ndubuisi, Ugwudike Patrick, Agu Francis, **Celestine Ani,** Emeka Ugwuishi, Sunday Njoba, Lilian Ndubuisi, Hector Obianyido, Joachin Ezeokeke, Nwachukwu Daniel. (2020).Effect of methanolic extract of Dennettia Tripetala (pepper fruits) on biomarkers of oxidative stress and lipid peroxidation intype diabetic male wistar rats. African Journal of Biotechnology. 19(2):99–105
4. Okorie Pamela, **Celestine Ani**, Alozie Ifeoma, Ejim Nnamdi, Anyaeji Pamela, Ugwu Princewill, Uzoigwe Jide,Igwe Uzoma (2019). Effect of aqueous leaf extracts of adansonia digitata (baobab) on diabetes mellitus and the anterior pituitary hormones of adult male wistar rats. Journal of Diabetes and Endocrinology.Vol.10 (3):pp.18–29
5. Nworgu Choice, **Celestine Ani,** Ugwuishi Emeka,Okorie Pamela, Anyaeji Pamela, Ugwu Princewill, Uzoigwe Jide,Igwe Uzoma and Nwachukwu Daniel. (2019).Evaluation of the cytoprotective effects of antiu;cer agents in acid alcohol induced gastric ulceration in wistar rats. Journal of Physiology and Pathophysiology. 10(1):10–16
6. Deborah Francis, **Celestine Ani**, Choice Nworgu, Okorie Pamela, Igwe Uzoma, Jide Uzoigwe, Princewill Ugwu, Pamela Anyaeji and Nwachukwu Daniel. The effect of ethanolic seed extract of Citrullus lanatus (water melon) on blood glucose level and 4 lipid profile of diabetic wistar rats. European Journal Of Medicinal Plants.vol 2 (4):pp.1–6
7. Okerulu Linda , **Celestine Ani**, Choice Nworgu, Jide Uzoigwe, Igwe Uzoma, Nwachukwu Daniel et al. (2018). Effect of aqueous extract of Ocimum gratissimum on acetaminophen induced renal toxicity in male wistar rats. Journal of Medicinal Plant Research.vol 12(28).pp. 522–527.
8. Akpotu Ajirioghene, **Celestine An**i, Choice Nworgu, Pamela Okorie, Jide Uzoigwe et al (2018). Antidiabetic and Antihyperlipidemic effect of ethanolic extract of Dryopteris dilatata leaves. Journal of Diabetes and Endocrinology. Vol 9 (2):11-19
9. Etim Bassey, **Celestine Ani**, Igwe Uzoma, Jide Uzoigwe, Nworgu Choice, Nwachukwu Daniel (2018) Ameliorative Effect of Aqueous Extract of Tetracarpidium conophorum ( African walnut) on salt induced hypertensive wistar rats. American Journal of Hypertensive Research. Vol 6:1 (1–3)
10. Jovita Egharevba**, Celestine Ani**, Adeyemo Mercy, Onwuka Kelechi, Choice Nworgu et al (2017). Investigation of the antihypertensive effects of ethanolic extract of mucuna flagellipes seed extract on hypertensive rats. African Journal of Pharmacy and Pharmacology. Vol 34.
11. **Ani CO,** Matthew JO, Chime PU, Anyaeji PS, Nworgu CC, Uzoigwe.JU, et al (2017).Evaluation of Serum Electrolytes, Urea and Creatinine levels in HIV-Positive Patients in Makurdi, North Central Nigeria. Journal of Medical Science and Clinical Research vol 5(7):pp.25706-25710.
12. Ighodalo JA, **Ani CO**, Ene CB, Oguonu AC. Adugba AO, Agu FU (2017). Investigation of the antipyretic effects of aqueous and ethanolic leaf extracts of Gnetum Africanum on brewer’s yeast induced pyrexia on wistar rats". Journal of Medical Science and Clinical Research.Vol 5(5). Pp 21351-21358.
13. **Ani CO**, Nnaemeka E, Nwachukwu DC, Ene CB, Oguonu CA, Onwuka CO, Ighodalo JA (2017). Investigation of the Anti-hyperglycemic effects of aqueous leaves extracts of Vernonia amygdalina (VA) in wistar rats".International Journal of Medical Sciences and Innovative Research. Vol 2 (2).
14. **Ani CO**, Nwachukwu DC, Ene CB, Oguonu AC (2017).Investigation of the antihypertensive properties of Nigerian varieties of solanium esculentum in wistar rats". African Journal of Pharmacy & Pharmacology. Vol 11(34).pp:
15. **Ani CO**, Nwachukwu DC and Beshel JA (2016). "Investigation of the blood pressure reducing property of three varieties of Lycopersicon esculentum in wistar rats" Abstract of Proceedings of the7th Joint Congress of AAPS/ PSN lagos 2016. Journal of African Association of Physiological Sciences Vol 4 (2) pp. 114-115. www.jaaps.aapsnet.org
16. Ene CB, Chime PU, Onwuka CO, Nwachukwu DC, Anyaehie.BU**, Ani CO** (2016) . Effects of allium sativium (garlic) extracts on pregnancy, fetal weights and some hematological parameters in sprague dawley rats" Journal of Medical Science and Clinical Research. Vol 7 (7): pp.24893-24902.
17. **Ani CO**, Ene CB, Onwuka CO, Chime PU, Ekanem IE, Ighodalo JA (2017)."Assessment of the Effects of fresh palm oil, natron (kanwa),and natron treated palm oil on hematological parameters in wistar rats. Journal of Medical Science and Clinical Research. Vol 5 (6): pp.24113-24120 •
18. Ediale JR, Adugba OA, **Celestine AO**, Paschal UC, Uzoigwe JU, Agu UF et al. (2017). Serum urea, uric acid and creatinine levels in diabetic mellitus patients attending Jos University Teaching Hospital, North- central Nigeria.. International Journal of Biosciencesm vol 11 (4): pp. 68-72
19. Obeagu EI, Obeagu GU, Okara GC, Ekelozie IS, Swem CA, **Ani CO** (2018). Evaluation of impact of diabetic nephropathy on haematological indices of subjects in Umuahia , Nigeria. International Journal of Current Research in Biology and Medicine vol 3 (3)pp.10-15
20. **EDITORSHIP/MEMBERSHIP OF PROFESSIONAL BODIES:**
21. Associate Editor Nigeria Journal of Experimental and Clinical Biosciences
22. Founder and Coordinator of Young Researchers Groups Nigeria
23. Associate Member of the Nigeria Institute of Science Laboratory Technology (*AISLT*)
24. Corporate Member of the Physiological Society of Nigeria (PSN)
25. Member, African Association of Physiological Sciences

**REFEREES**

1. ***Prof. Nwachukwu Daniel Chukwu***

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1. ***Prof. Nwagha Uchenna***

Department of Obstetrics & Gynaecology/ Physiology

 Former Provost, College of Medicine, University of Nigeria, Enugu Campus

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1. ***Dr Maduka Nweke***

Senior Lecturer/ HOD, Human Physiology

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