

CURRICULLUM VITAE

Name : George Ouma Opiyo

Gender: Male

Current Address Dept. of Organic and Medicinal Chemistry
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Ongoing Academic

Qualification

Doctor of Philosophy (PhD), The University of Auckland, NZ.
Research Topic: *Total Synthesis of Aspergillus Spiroketals and their Analogues. (2014-2018)*

Highest Academic

Qualification

Master of Pharmaceutical Sciences, Nagasaki University, JP.
Research Topic: *Design and Synthesis of α,α -Disubstituted α -Amino Acids and Conformation Analysis of their Peptides. (2010-2012)*

Scholarship & Awards

| | | |
|---|---|-----------|
| 1 | The University of Auckland Doctoral scholarship | 2014-2018 |
| 2 | The Japanese Government MEXT scholarship | 2010-2012 |
| 3 | Tom Braziers Undergraduate Scholarship | 1999-2001 |

Designation at Pwani University Assistant Lecturer

Other University

Assignments

| | |
|-----------|--|
| 2008-2010 | Member, The Pwani University 1 st Governing Council |
| 2012 | Member, The Pwani University 2 nd Governing Council |
| 2012-2014 | Secretary, Curriculum Development Committee, Dept. of Chemistry & Biochemistry |

Professional membership

The American Chemical Society (ACS)

The New Zealand Institute of Chemistry (NZIC)

Areas of Research Interest

| | |
|----|---|
| 1. | Total Synthesis of bioactive Natural Products and their Analogues as potential pharmaceutical candidates. |
| 2. | Synthesis of non-natural amino acids and conformational analysis of their peptides. |

Research/Projects

| Funding partners | Title/dates(from /to) | Value (currency) | Role |
|---|-----------------------|------------------|--------------------|
| Japanese Government Scholarship | 2010-2012 | 5000000 JPY | Masters Researcher |
| The University of Auckland Doctoral Scholarship | 2014-2018 | 150000 NZD | PhD Researcher |

Publications in Referred Journals

| | Year | Title | <u>Book, Journal title ,Vol. Pages</u> |
|---|-------------|---|--|
| 1 | 2018 | Total Synthesis of the Highly <i>N</i> -Methylated Acetylene-Containing Anticancer Peptide Jahanyne | <u><i>Org. Lett.</i>, 2018, <i>20</i> (3) 788-791</u> |
| 2 | 2017 | Low pH-Trigging Changes in Peptide Secondary Structure | <u><i>Org. Biomol. Chem.</i>, 2017, <i>15</i>, 6302-6305 (Cover Page Article)</u> |
| 3 | <u>2016</u> | Cyclic α,α -Disubstituted α -Amino Acids with Menthone in Their Side-Chains Linked through an Acetal Moiety and Helical Structures of Their Peptides | <u><i>Eur. J. Org. Chem.</i>, 2016 (17), 2988-2998.</u> |
| | | | |

Consultancies:

| Collaborators | Nature of Assignment /Date/Location/Role |
|---|--|
| International Labour Organization (ILO) | Deputy Lead Consultant: Evaluation of the Implementation of Integrated Area Based Approach (IABA) strategy to child Labour Free Zones in Kilifi (2013) |

International Languages

| Language | | Proficiency(<i>Poor, Average, Good, Excellent</i>) | | |
|----------|----------|--|-----------|-----------|
| | | Speaking | Reading | Written |
| 1. | English | Excellent | Excellent | Excellent |
| 2. | Japanese | Average | Average | poor |

Technical Skills e.g. Curriculum Development, ICT, Project Management among others

| | Year(s) | Skills |
|----|---|--|
| 1. | 22 nd -26 th March 2010 | Cooperate Governance Course for Company Directors ; by Centre for Cooperate Governance at Mombasa Beach Hotel, Mombasa. |
| 2. | Aug. 19 th –Sept. 2 nd 2009 | Sustainable Resource Management (SRM) ; by The Technical University of Munchen at Pwani University. |
| 3. | Oct. 15 th –Nov. 2 nd 2007 | Training of Trainers (TOT) ; Government Training Institute-Mombasa. |
| 4. | Feb. 2007 | Consultancy and Project Proposal writing ; Egerton University |

Referees

Prof. Margaret Brimble

Chair, Dept. of Organic & Medicinal Chemistry,

The University of Auckland,

Email: m.brimble@auckland.ac.nz

Prof. Paul Guyo,

Dean, School of Pure & Applied Sciences,

Pwani University,

Email: p.guyo@pu.ac.ke

Dr. Shikuku Samuel,

Chair, Dept. of Chemistry,

Pwani University.

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