

Dr. Shikuku S. Libendi

Lecturer

Bed Sc. Hons (2003) Kenyatta University (Kenya),

Masters: Pharmaceutical Sciences (2006) Nagasaki University.

Ph.D. Pharmaceutical Sciences(2009) Nagasaki University
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Biography

2010 – Present: Lecturer Pwani University College, Kilifi.

Research interests

My research interests lie in the development of new organic synthetic methodologies, synthesis of natural products of pharmaceutical significance and enhancing efficacy of known anti-malarials through functional group/s modification.

Selected publications

- ❖ **Samuel S. Libendi**, Yosuke Demizu and Osamu Onomura. Direct Electrochemical α -Cyanation of Protected Cyclic Amines. *Org. Biomol. Chem.* 2009, **7**, 351-356.
- ❖ **Samuel S. Libendi**, Yosuke Demizu, Yoshihiro Matsumura and Osamu Onomura. Ring Contraction of α,β -Unsaturated Cyclic Amines with *cis*-Dihydroxylation at the α,β Position. *Heterocycle*, 2009, **77**, 1, 311-321.
- ❖ **Samuel S. Libendi**, Yosuke Demizu, Yoshihiro Matsumura and Osamu Onomura. High Regioselectivity in Electrochemical α -Methoxylation of N-Protected Cyclic Amines. *Tetrahedron*, 2008, **64**, 18, 3935-3942.
- ❖ **Samuel S. Libendi**, Takahashi Ogino, Osamu Onomura and Yoshihiro Matsumura. Stereoselective Introduction of Hydroxyl Groups to Piperidine Ring Using Electrochemical Method. *J. of the Electrochemical Society*, 2007, **154**, 2, E31-E35.

Courses taught

Fundamentals of Inorganic Chemistry

Organic Chemistry I and II

Electrochemistry

Chemistry of Aromatic Compounds

Chemistry of Carbohydrates and Proteins

Radiochemistry and Radiation Chemistry