

JOANNE KATHERINE TALENS MANLUSOC

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CORE COMPETENCIES

With five (5) years of post-graduate experience on basic sciences and experimental research on natural products with focus on polysaccharides and other secondary metabolites on marine macroalgae as a possible therapy and drug delivery system for cancer.

With two (2) years of experience on research project management.

World Intellectual Property Organization (WIPO)-certified on Advance Course on Patents and Patent Information Search

EDUCATIONAL ATTAINMENT

Postgraduate Degree

Mahidol University – Faculty of Pharmacy (Faculty of Graduate Studies)

Doctor of Philosophy in Phytopharmaceutical Sciences

Ratchatewi, Bangkok, Thailand

January 2021 – present

Recipient: MUPY Graduate Scholarship for International Students

University of Santo Tomas – Graduate School

Master of Science in Pharmacy Batch 2016

España, Manila, Philippines

Recipient: Science Education Institute - Department of Science and Technology (DOST-SEI) Accelerated Science and Technology Human Resource Development Program (ASTHRDP) Scholar

Thesis Title: Facile Green Synthesis of Gold Nanoparticles from Codium edule:

Assessment of Cytotoxicity and Potential as Anticancer Drug Carrier (Meritus Grade)

Undergraduate Degree

University of Santo Tomas – Faculty of Pharmacy

Bachelor of Science in Pharmacy Batch 2010

España, Manila, Philippines

Thesis Title: Pediculicidal Activity of a Shampoo Formulated from the Crude Ethanolic Extract of Tinospora rumphii Boerl (Menispermaceae) Stems (Excellent Grade)

RELEVANT EXPERIENCES

Faculty Member / Researcher

Adamson University

900 San Marcelino St., Ermita, Manila, Philippines

June 2016 – present (5 years on-going)

Tenured faculty member handling laboratory (experimental) and lecture class on pharmaceutical organic and inorganic medicinal chemistry, and research classes. Currently with ongoing research on marine-based pharmacologic therapies and drug delivery system delivered as faculty research under the College of Pharmacy and AdU – Center for Research and Development.

Research Coordinator

Adamson University – College of Pharmacy

900 San Marcelino St., Ermita, Manila, Philippines

August 2019 – July 2021 (2 years)

Chairman of the research, publication, and intellectual property committee of the AdU – College of Pharmacy spearheading the creation and implementation of programs related to research activities of the College.

Faculty Exchange

Department of Medical Science Industry-Chang Jung Christian University

No. 1 Changda Road, Gueiren District, Tainan City, Taiwan, R.O.C.

June 2018 – July 2018 (2 months)

Cancer cell line training under Professor Yi-Chiang Hsu Nano-Med Laboratory with introduction to cancer cell line handling and testing using various assay methods.

Adjunct Faculty

Nueva Ecija Doctors' College Inc.

AH26, Cabanatuan City, Nueva Ecija, Philippines

June 2014 – March 2015 (10 months / 2 semesters)

Handled laboratory (experimental) and lecture classes on organic chemistry, biochemistry, and pharmaceutical organic medicinal chemistry

Adjunct Faculty

PLT College Inc.

33 Zulueta St., Bayombong, Nueva Vizcaya, Philippines

June 2013 - March 2014 (10 months / 2 semesters)

Handled laboratory (experimental) and lecture classes on pharmaceutical organic medicinal chemistry, biochemistry, and clinical toxicology

Regulatory Pharmacist

BLA International Trading

Angel Linao St., Malate, Manila, Philippines

February 2011 – June 2013 (2 years 5 months)

Solely in-charge in the preparation of dossier needed for the application and renewal of product notification of products carried by the establishment and its license to operate. Research and market monitoring has also been part of the job to ensure that all products are highly suitable and do not render any harm in the clients/customers.

Drug Information System Editorial Pharmacist

MediMarketing Inc. (UBM Medica)

BDO Equitable Tower, Paseo de Roxas, Makati City, Philippines

July 2010 - December 2010 (6 months)

Edit/encoding, review/updating and proofreading/revision of product information submitted by manufacturers, according to editorial guideline and format for MIMS and MIMS Annual Hong Kong, Indonesia, Malaysia, Philippines, Singapore and Thailand.

PUBLICATIONS

Preliminary Characterization, Antioxidant and Antiproliferative Properties of Polysaccharide from *Caulerpa taxifolia*

April 2021 - Pharmaceutical Sciences and Research 8(1)

DOI: [10.7454/psr.v8i1.1102](https://doi.org/10.7454/psr.v8i1.1102)

ACE Inhibitory Activity and Functional Group Analysis of Solvent- Partitioned Fractions of *Eleusine indica*

April 2020 - Pharmaceutical Sciences and Research 7(1)

DOI: [10.7454/psr.v7i1.1054](https://doi.org/10.7454/psr.v7i1.1054)

Pharmacologic Application Potentials of Sulfated Polysaccharide from Marine Algae

July 2019 - Polymers 11(7):1163

DOI: [10.3390/polym11071163](https://doi.org/10.3390/polym11071163)

SCHOLARLY PRESENTATIONS

Oral Presentations

Faculty of Pharmacy Universitas Indonesia, Indonesia and The Asian Federation for Pharmaceutical Sciences, Japan

4th International Conference on Advance Pharmacy and Pharmaceutical Sciences (ICAPPS 2019) in conjunction with the Asian Federation for Pharmaceutical Sciences (AFPS) Conference 2019

Title: ACE Inhibitory Activity and Functional Group Analysis of Solvent-Partitioned Fractions of *Eleusine indica*
October 2019

**Merck Life Sciences PH, Philippines
Young Scientist Award 2018 Finalist**

Proposal Title: Anticancer Potential of Sulfated Polysaccharide Fractions from *Caulerpa cupressoides*
November 2018

**South Manila Education Consortium (SMEC), Philippines
3rd International Research Congress Knowledge 2018**

Title: Preliminary Evaluation of the Heavy Metal Adsorbing Property of Crude Sulfated Polysaccharide of *Caulerpa lentillifera* (Caulerpaceae) in Lead-induced Sprague-Dawley Rats
February 2018

Poster Presentations

**National Research Council of the Philippines, Philippines
NRCP Annual Scientific Conference & 85th General Membership Assembly**

Title: Green Synthesis of Gold Nanoparticles from *Codium edule* (Codacidae): Assessment of Cytotoxicity and Potential as Anticancer Drug Carrier
March 2018

**Metro Manila Health Research and Development Consortium, Philippines
1st International Symposium & 8th Annual Scientific Convention**

Title: Preliminary Evaluation of the Heavy Metal Adsorbing Property of Crude Sulfated Polysaccharide of *Caulerpa lentillifera* (Caulerpaceae) in Lead-induced Sprague-Dawley Rats
May 2017

TRAININGS / SYMPOSIA / SHORT COURSE / DISTANT LEARNING / WORKSHOPS

Faculty of Pharmacy Universitas Indonesia, Indonesia

Pharmaceutical Sciences & Research (PSR) Mini Symposium 2019

Patra Jasa Resort and Villas, Bali, Indonesia
October 2019

Philippine Council of Health Research and Development (PCHRD) & Philippine Association of Medical Journal Editors (PAMJE), Philippines

13th National Medical Writing Workshop & 6th Writeshop for Young Researchers
The Oriental Hotels and Resorts, Legazpi City, Philippines
January 2018

World Intellectual Property Organization, Switzerland

Patent Information Search (DL-318)

Distant Learning
September 2017 – January 2018

University of Santo Tomas & Adamson University, Philippines

IP 101 Symposium & Patent Information Search Workshop 1 & 2

University of Santo Tomas, Manila, Philippines
September 2017

World Intellectual Property Organization, Switzerland

Advance Course on Patent (DL-301)

Distant Learning
April 2017 – July 2017

**University of the Philippines Manila National Institute of Health and Institute of Herbal
Medicine, Philippines**

***3rd Short Course on Transforming Philippine Plants into Quality Herbal Medicines for a
Healthier Nation***

L' Fisher Hotel, Bacolod City, Philippines

June 2017

Metro Manila Health Research and Development Consortium, Philippines

1st International Symposium & 8th Annual Scientific Convention

“Training Course on Ethical Ethnologic Studies for Drug Discovery”

De La Salle University Manila, Manila, Philippines

May 2017