

Mr. Ivan Lawag
School of Allied Health
Type of address: Postal address.
The University of Western Australia (M315), 35 Stirling Highway,
6009
Perth
Western Australia
Australia
Email: ivan.lawag@uwa.edu.au



Qualifications

Pharmacy, Doctor of Philosophy, An Investigation of the Antioxidant Activity and Phenolic Constituents in Western Australian Honeybee Products, The University of Western Australia
Feb 2019 → Aug 2023
Award Date: 28 Aug 2023

Chemistry, Organic, Natural Products, Master of Science in Chemistry, Bloassay Guided Isolation of the Alpha Glucosidase Inhibitors from Antidesma Bunius, University of Santo Tomas
Nov 2007 → Oct 2013
Award Date: 16 Oct 2013

Chemistry Education, Bachelor in Secondary Education, Evaluation of the Upgrading of Math and Science Teacher's Program of the Department of Science and Technology and Department of Education, West Visayas State University (Philippines)
Jun 2003 → Mar 2007
Award Date: 23 Mar 2007

Nov 2018 → Sept 2022 Registered Chemical Technician of the Republic of the Philippines, RCT
Jun 2018 → Apr 2022 Licensed Professional Teacher of the Republic of the Philippines, LPT

Employment

Adjunct Research Fellow

School of Allied Health
1 Dec 2023 → present

Balik Scientist (2024 Awardee, Short-term)

Department of Science and Technology - Philippine Council for Health Research and Development (DOST - PCHRD)
Philippines
27 Aug 2024 → 11 Mar 2025

Guest Editor

MDPI
1 Aug 2024 → 1 Apr 2025

Research Assistant

The Kids Research Institute Australia (Telethon Kids Institute)
Perth, Australia
17 Mar 2022 → 10 Apr 2022

Lecturer

Assumption College
Philippines
15 Jun 2018 → 12 Dec 2018

Facilitator/Mentor for Medical Writing Workshops

Department of Science and Technology - Philippine Council for Health Research and Development (DOST - PCHRD)
Philippines
1 Aug 2016 → 1 Oct 2020

Lecturer

San Beda University
Manila, Philippines
17 Jun 2016 → 12 Dec 2018

Assistant Professor 3

Adamson University
Philippines
1 Jun 2012 → 1 Dec 2018

Research outputs

Estrogenic Isoflavones in Clover Plants, Flower Nectar, Unripe Honeys and Mature Honeys: A Natural Biochemical Transformation of Isoflavones by Honeybees

Sultana, S., Foster, K. J., Lawag, I. L., Lim, L. Y., Hammer, K. & Locher, C., Jun 2024, In: *Foods*. 13, 11, 15 p., 1739.

Bioactivities and Phenolic Profiles of Honeys Derived from Plants of the Goldfields, Esperance and Wheatbelt Regions of Western Australia

Lozada Lawag, I., Green, K. J., Khairul Islam, M., Locher, C. & Hammer, K. A., Dec 2023, In: *Chemistry and Biodiversity*. 20, 12, 10 p., e202301678.

A Modified Folin-Ciocalteu Assay for the Determination of Total Phenolics Content in Honey

Lawag, I., Nolden, E., Schaper, A., Lim, L. Y. & Locher, C., 7 Feb 2023, In: *Applied Sciences (Switzerland)*. 13, 4, 17 p., 2135.

Antioxidant Activity and Phenolic Compound Identification and Quantification in Western Australian Honeys

Lawag, I., Islam, M. K., Sostaric, T., Lim, L. Y., Hammer, K. & Locher, C., 12 Jan 2023, In: *Antioxidants*. 12, 1, 35 p., 189.

An investigation of the antioxidant activity and phenolic constituents in Western Australian honeybee products

Lawag, I., 2023, (Unpublished)

Honeys derived from plants of the coastal sandplains of Western Australia: antibacterial and antioxidant activity, and other characteristics

Green, K., Islam, M. K., Lawag, I., Locher, C. & Hammer, K., 2023, In: *Journal of Apicultural Research*. 62, 4, p. 909-922 14 p.

The Development and Application of a HPTLC-Derived Database for the Identification of Phenolics in Honey

Lawag, I., Sostaric, T., Lim, L. Y., Hammer, K. & Locher, C., 6 Oct 2022, In: *Molecules (Basel, Switzerland)*. 27, 19, 6651.

Correlation of the antibacterial activity of commercial manuka and *Leptospermum* honeys from Australia and New Zealand with methylglyoxal content and other physicochemical characteristics

Green, K. J., Lawag, I. L., Locher, C. & Hammer, K. A., Jul 2022, In: *PLoS One*. 17, July, e0272376.

A Comprehensive Survey of Phenolic Constituents Reported in Monofloral Honeys around the Globe

Lawag, I., Lim, L. Y., Joshi, R., Hammer, K. & Locher, C., 1 Apr 2022, In: *Foods*. 11, 8, p. 1-42 42 p., 1152.

Australian Honey-pot Ant (*Camponotus inflatus*) Honey—A Comprehensive Analysis of the Physicochemical Characteristics, Bioactivity, and HPTLC Profile of a Traditional Indigenous Australian Food

Islam, M. K., Lawag, I., Sostaric, T., Ulrich, E., Ulrich, D., Dewar, T., Lim, L. Y. & Locher, C., 1 Apr 2022, In: *Molecules (Basel, Switzerland)*. 27, 7, 15 p., 2154.

An investigation of the suitability of melissopalynology to authenticate Jarrah honey

Islam, M. K., Lawag, I., Green, K., Sostaric, T., Hammer, K., Lim, L. Y. & Locher, C., Jan 2022, In: *Current Research in Food Science*. 5, p. 506-514 9 p.

α -Glucosidase Inhibitors from the Bark Extract of Ethno-Antidiabetic *Ceriops tagal* (Perr.) C.B. Rob

Canusa, B. S., Lawag, I., Villaflores, O. B., Wagh, V. D., Korinek, M., Tsai, Y-H., Chang, F-R. & Aguinaldo, A. M., 2022, In: Philippine Journal of Science. 151, S1, p. 25-60 36 p.

Optimisation of Bee Pollen Extraction to Maximise Extractable Antioxidant Constituents

Lawag, I., Yoo, O., Lim, L. Y., Hammer, K. & Locher, C., 12 Jul 2021, In: Antioxidants. 10, 7, 41 p., 1113.

Tracking of thermal changes in honey using High-Performance Thin Layer Chromatography

Islam, M. K., Lawag, I., Sostaric, T., Lim, L. Y., Hammer, K. & Locher, C., 1 Jul 2021.

α -Glucosidase inhibitory activity of selected Philippine plants

Lawag, I., Aguinaldo, A., Naheed, S. & Mosihuzzaman, M., 31 Oct 2012, In: Journal of Ethnopharmacology. 144, 1, p. 217-219 3 p.

Survey of the Antidiabetic Plants found in the Philippines

Lawag, I., 2011, (Unpublished).

Engagement/activities

Acta Medica Philippina (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Agronomy (Basel) (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Analytica (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Applied Sciences (Switzerland) (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Arabian Journal of Chemistry (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Foods (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Heliyon (Journal)

Ivan Lawag (Reviewer)

2024 → ...

International Journal of Molecular Sciences (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Molecules (Basel, Switzerland) (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Nutrients (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Plants (Basel, Switzerland) (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Processes (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Results in Chemistry (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Scientia Pharmaceutica (Journal)

Ivan Lawag (Reviewer)

2024 → ...

Sustainability (Switzerland) (Journal)

Ivan Lawag (Reviewer) & Ivan Lawag (Guest editor)

2024 → ...

American Chemical Society (External organisation)

Ivan Lawag (Member)

2023 → ...

Chemistry Education Australia (External organisation)

Ivan Lawag (Member)

2023 → ...

Food Science and Nutrition (Journal)

Ivan Lawag (Reviewer)

2023 → ...

International Association for the Advancement of High-Performance Thin Layer Chromatography (HPTLC Association) (External organisation)

Ivan Lawag (Member)

2023 → ...

International Union of Pure and Applied Chemistry (External organisation)

Ivan Lawag (Member)

2023 → ...

Journal of Planar Chromatography - Modern TLC (Journal)

Ivan Lawag (Reviewer)

2023

PHYTOCHEMISTRY REVIEWS (Journal)

Ivan Lawag (Reviewer)

2023

Chiang Mai University Journal of Natural Sciences (Journal)

Ivan Lozada Lawag (Reviewer)

Dec 2022 → ...

COLOSS Honey Bee Research Association (External organisation)

Ivan Lozada Lawag (Member)

2022 → ...

Royal Society of Chemistry (External organisation)

Ivan Lozada Lawag (Member)

2022

The Royal Australian Chemical Institute (External organisation)

Ivan Lozada Lawag (Member)

2022

World Association of Medical Editors (External organisation)

Ivan Lozada Lawag (Member)

2022 → ...

Investigating the Antioxidant Activity of Western Australian Honey Samples and Phenolic Extracts: Inhibitory Effects against Oxidative Damage to Lipids and Proteins

Ivan Lozada Lawag (Supervisor)

Mar 2021 → Oct 2021

PEERJ (Journal)

Ivan Lozada Lawag (Reviewer)

2021 → ...

Cooperative Research Centre for Honey Bee Products (External organisation)

Ivan Lozada Lawag (Member)

2019 → ...

Philippine Journal for Health Research and Development (Journal)

Ivan Lozada Lawag (Reviewer)

2019 → ...

Asia Pacific Association of Medical Journal Editors (External organisation)

Ivan Lozada Lawag (Member)

2018 → ...

Council of Asian Science Editors (External organisation)

Ivan Lozada Lawag (Member)

2018 → ...

Evidence-Based Complementary and Alternative Medicine (Journal)

Ivan Lozada Lawag (Reviewer)

2018 → ...

Philippine Association of Medical Journal Editors (External organisation)

Ivan Lozada Lawag (Member)

2016 → ...

International Union of Pure and Applied Chemistry (External organisation)

Ivan Lozada Lawag (Member)

2011 → 2012

Asian Network for Research on Antidiabetic Plants (External organisation)

Ivan Lozada Lawag (Member)

2009 → ...

Prizes/awards

3rd Best Oral Presenter

Lawag, Ivan (Recipient), 7 Oct 2023

Best Published Paper

Lawag, Ivan (Recipient), 29 Mar 2014

Fellow, HEJ Research Institute of Chemistry, Pakistan

Lawag, Ivan (Recipient), 2009

GRS Overseas Travel Award

Lawag, Ivan (Recipient), 13 Jul 2023

Researcher Development and Travel Grant

Lawag, Ivan (Recipient), 14 Jul 2023

Research Fellow, Asian Network for Research on Antidiabetic Plants

Lawag, Ivan (Recipient), 2008

RTPFI - RTP International Fees Offset (no stipend)

Lawag, Ivan (Recipient), 2019

UPAIS - University Postgraduate Award (International Students)

Lawag, Ivan (Recipient), 2019

2022	Lorem ipsum dolor sit amet
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