

Pabasara Kalansuriya

Department of Biochemistry, Faculty of Medicine, University of Ruhuna, Sri Lanka

• M: +94 773 294 912 • T: +94 912 234 801/Ext: 213

• E: p_kalansuriya@med.ruh.ac.lk

Executive Summary:

- A dedicated professional in bio-organic chemistry with eight years of experience in research and five years of experience in mentoring undergraduates and research scientists.
- An expert in metabolite extraction and isolation (semi-preparative and preparative HPLC), spectroscopic analysis (HPLC-DAD-MS, UPLC-DAD, HPLC-HRMS, UPLC-QTOF-MS, 1D NMR and 2D NMR) of secondary metabolites.
- Specializes in high throughput high sensitivity dereplication for detecting and isolating valuable bioactive secondary metabolites.
- An expert in all aspects of structure elucidation of complex natural products using detailed spectroscopic analysis methods.
- Experienced with chemical synthesis of small molecules, derivatization of polymers and synthesis of nanoparticles.

Academic Qualifications:

PhD (Medicinal and Bio Molecular Chemistry) 2012 - 2016
Institute for Molecular Bioscience, The University of Queensland, Australia.

- PhD degree conferred on 24th November 2016 with the **Dean's Award**.
Thesis Title: Microbial Chemical Diversity: Strategies to Stimulate Microbial Secondary Metabolite Potential. Advisor: Prof. Rob J. Capon

BSc First Class Hons (Chemistry) 2007 - 2011
Department of Chemistry, The University of Colombo, Sri Lanka.

- Subjects followed : Chemistry, Biochemistry, Plant Science and Computer Science
- Thesis Title: Investigation on Bioactive Natural Products of Endophytic Fungi Isolated from Medicinal Plant *Bacopa monnieri*. Advisor: Prof. Dilip de Silva

Awards and Recognitions:

- Dean's Award for Outstanding Research Higher Degree Theses **2016**
PhD thesis was commended by independent examiners as making a substantial contribution to the field of research. Fewer than ten percent of PhD or MPhil graduates from the University of Queensland receive this award.
- American Chemical Society, Editors' Choice Award **2016**
Based on the recommendations by American Chemical Society journals' editors, the article "Talarazines A-E: Non-cytotoxic Fe(III) chelators from an Australian mud dauber wasp-associated fungus, *Talaromyces* sp. (CMB-W045)" was selected to be featured in ACS Editors' Choice in addition to being published in Journal of Natural Products.

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- Institute for Molecular Bioscience (IMB) Thesis Write Up Award **2016**
 - IMB Division of Chemistry and Structural Biology best poster prize **2013**
 - PhD scholarship, The University of Queensland, Australia **2012**
 - Gold medal for Inorganic chemistry, The University of Colombo **2011**
- Professor R.S. Ramakrishna gold medal for inorganic chemistry awarded for the best performance in inorganic chemistry in the special degree examination in science (chemistry).

Research Grants:

▪ **Principal Investigator:**

Faculty Research Grant, Faculty of Medicine, University of Ruhuna, Sri Lanka

Research project title: Enhancing therapeutic values of natural plant products: Development of plant-based nanomedicine/s with potential applications to treat diabetic foot ulcers. – *Ongoing*; Grant Amount: LKR 200,000

▪ **Co-investigator and Deputy Project Coordinator:**

AHEAD Development Oriented Research, Sri Lanka

Research project title: Development of a putative nutraceutical for diabetes mellitus: Bioactivity and toxicological studies of nanoparticle-based formulations encapsulated with Ivy gourd (*Coccinia grandis*) leaf extract. – *Ongoing*; Grant Amount: LKR 35,000,000

Research Experience:

▪ **Principal Investigator**

2021 – to-date

Faculty Research Grant

▪ **Co-investigator and Deputy Project Coordinator**

2019 – to-date

AHEAD Development Oriented Research

▪ **Postdoctoral Research Associate**

2017 – 2018

John Keells Research and Development, Sri Lanka

▪ **PhD Scholar**

2012 – 2016

Institute for Molecular Bioscience, UQ, Brisbane, Australia

▪ **Undergraduate Research Student**

2010 – 2011

Investigation on Bioactive Natural Products of Endophytic Fungi Isolated from Medicinal Plant *Bacopa monnieri*.

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HPLC and LC-MS

- Hands on experience in operations and method developments.
 - ❖ LC-ESI-QTOF-MS/MS (AB SCIEX 500R QTOF-MS/MS)
 - ❖ LC-DAD-ESI-MS (Agilent 1100 series LC and single quad MSD)
 - ❖ UPLC-DAD (Agilent 1200 series)
 - ❖ Analytical/semi-prep/prep HPLC
 - ❖ Bruker micrOTOF
- Maintaining and troubleshooting of Agilent single quad LC-MS, Agilent UPLC 6545 QTOF-MS, Agilent 1200 series UPLC and Agilent 1100 series HPLC (analytical, semi-preparative and preparative)

Dereplication of Natural Products

- Hands on experience in HPLC-DAD-MS and MS/MS-based dereplication techniques.
- Dereplication of microbial metabolites using internal (Capon Group compound library and UV database) and external (SciFinder and ChemSpider) databases.

Purification and characterization of metabolites

- Isolation and purification of secondary metabolites by employing a variety of chromatographic techniques; open column, size exclusion, normal/reverse phase HPLC.
- Characterization of secondary metabolites utilizing UV-Vis, 1D and 2D NMR, LC-ESI-MS, UPLC-QTOF-MS/MS, optical rotation, circular dichroism (CD) and chemical derivatization (C_3 Marfey's analysis).
- Isolation and characterization of over 50 fungal metabolites, including 10 new metabolites.

Experience in microbial natural products

- Isolation and purification of microorganisms from terrestrial samples.
- Microscopic (inverted) examination, isolation of genomic DNA and PCR amplification for sequencing and phylogenetic analysis of microbes.
- Solid and liquid phase micro-scale and scale up cultivation for secondary metabolite extraction.
- Preparation of crude extract libraries, screening for biological activity (antifungal, antibacterial and cytotoxic activity).

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Project and laboratory management

- Laboratory in-charge during post-doctoral research. Maintaining and troubleshooting lab equipment and ensuring that safety standards were met at the JKH Research & Development lab.
- Conducting lab inductions and mentoring scientists on lab safety and best practices at the JKH Research & Development lab.
- Initiated three industry-funded projects and the initial stages were completed with several project milestones at the JKH Research & Development lab.
- A team member of HPLC operations, maintaining and troubleshooting in the Group Capon Laboratory.
- Laboratory representative for conducting bioassays (antimicrobial in 2013 – 2014 and cytotoxic 2014 – 2015) for internal members of the Group Capon.
- Laboratory correspondent for freezers (– 30 °C and – 80 °C) in the Group Capon.

Organizational skills, prioritization of multiple tasks and meeting deadlines

- Managed multiple projects (three different projects in post doc research and four different projects as a PhD scholar) simultaneously.
- Worked with internal group members to screen crude extracts and pure compounds for cytotoxicity and promptly prepared data for publications.

Independence, problem solving, self-motivation and curiosity

- Designed and conducted several research projects, during postdoctoral work.
- Independently collaborated with industry partners and fellow researchers to expand research outcomes.

Other skills

- Screening metabolites and evaluating biological activity against cancer cells proliferation (MTT assay) Mammalian cell handling (KB-3-1, SW-620, NCIH-460, Hep G2) and cytotoxicity (MTT) assays.
- Antimicrobial activity (disc diffusion and microdilution assay) against Gram-negative bacteria, Gram-positive bacteria and fungi.
- Nitric oxide (NO) assay for the detection of NO in fungal/cancer cells.
- Carrying out organic synthesis and isolating analytically pure compounds from reaction mixtures using appropriate chromatographic techniques.
- HTP culturing and chemical profiling of microbes to investigate the effect of microbial silent/cryptic secondary metabolite production by changing culture conditions, co-culturing, using chemical cues/stimuli and chemical inhibitors.

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- Synthesis and characterization of nanoparticles using particle size analyzer (PSA), scanning electron microscope (SEM) and Fourier-transform infrared spectroscopy (FTIR).
- Synthesis of ultraviolet (UV) light sensitive polymer composites.
- Proficiency in using databases and data management.
- Preparation of manuscripts, proofreading and publication of scientific findings.

Skills and Techniques

Instruments

Analytical HPLC, semi-preparative and preparative HPLC, HPLC-DAD-MS, UPLC-DAD, high resolution mass spectrometer (HRMS), Q-TOF LC/MS, 600 MHz NMR spectrophotometer, polarimeter, polar star plate reader, UV-VIS spectrophotometer, CD spectrophotometer, atomic absorption spectrophotometer, NanoDrop, gel electrophoresis, PCR, Particle size analyzer, FTIR, XRD.

Software

MS Office, Adobe Photoshop and Illustrator, ChemBioDraw, ChemBio3D, Prism, SciFinder, BLAST, Fiji, ImageJ, UGENE, JModelTest, Topspin, Agilent ChemStation, Derwent, EndNote, Mendeley

Training and Workshops

- Certificate Course for Professional Development in Higher Education (CCPDHE) – 2019, University of Ruhuna, Sri Lanka.
- Faculty of Science tutor training, 13th of April 2015, Sir Llew Edwards building, the University of Queensland, Australia.
- UniQuest Research Commercialization workshop, 2015, Customs House, Brisbane, Australia.
- Faculty of Science tutor training, 27th of February 2015, Institute for Molecular Biosciences, the University of Queensland, Australia.
- School of Chemistry and Molecular Biosciences tutor training, 26th of February 2015, Molecular Biosciences Building, the University of Queensland, Australia.
- Chemistry tutor training, 25th February 2015, Hawken Building, the University of Queensland, Australia.

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Professional Experience

(1) Senior Lecturer Grade II

2019 – to date

**Department of Biochemistry, Faculty of Medicine,
The University of Ruhuna, Sri Lanka.**

- Preparing lecture notes, tutorials and practical schedules in biochemistry.
- Conducting lectures, tutorial classes and practical sessions.
- Invigilating, marking and assessing examinations.

Other Academic Commitments at Faculty Level

- Student Counselor and Mentor
- Senior Treasurer, Horticulture Society
- Deputy Coordinator, Technology Transfer Cell
- Faculty Representative, Speak Crafting Initiative

- Committee Member, Self-Evaluation Report Writing Committee on Criterion 8: Innovative and Healthy Practices

(2) Deputy Coordinator

2019 – to date

Accelerating Higher Education Expansion and Development (AHEAD)

**Department of Biochemistry, Faculty of Medicine,
The University of Ruhuna, Sri Lanka.**

Research project title: Development of a putative nutraceutical for diabetes mellitus: Bioactivity and toxicological studies of nanoparticle-based formulations encapsulated with Ivy gourd (*Coccinia grandis*) leaf extract.

- Coordinating research project tasks and grant management of LKR 35 million
- Co-supervision of postgraduate students

(2) Postdoctoral Research Associate

2017 - 2018

John Keells Research and Development, Sri Lanka.

- Planned experimental setup, analysis methods on projects (a) synthesis of sugar replacement particle, (b) synthesis of a UV responsive polymer composite and (c) pheromone-based trap for mosquitoes.
- Prepared and presented monthly update progress reports on the assigned projects.
- Conducted laboratory induction sessions for research assistants/scientists.
- Trained researchers/scientists on experiments, analytical instruments and analysis methods.
- Pitched business ideas on (a) Nanoparticle assisted plastic degradation, (b) Gluten fiber composites: bio degradable packaging material, (c) Novel UV responsive polymer composites and (d) Bioremediation using metal hyper-accumulating plants and microbes.

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(3) Consultant in Education Sector **2017 - 2018**

Project: Minamata Initial Assessment (MIA)

Ministry of Mahaweli Development and Environment

Environment Pollution Control and Chemical Management Division, Sri Lanka

- Evaluated and assessed the usage, storage and disposal of elemental mercury, mercury compounds and mercury containing equipment in schools, universities and laboratories in Sri Lanka.
- Prepared inventory and report on mercury usage in the education sector.
- Prepared standards and guidelines to make awareness on health hazards and minimize any potential hazards during handling elemental mercury, mercury compounds and mercury containing equipment for the education sector in Sri Lanka.

(4) PhD researcher **2012 - 2016**

Institute for Molecular Bioscience, The University of Queensland, Australia.

- Trained, taught scientific methods and supervised occupational trainees (3).

(5) Demonstrator **2015 - 2016**

School of Chemistry and Molecular Bioscience (SCMB), The University of Queensland (UQ), Australia.

- Conducted induction and laboratory sessions for CHEM1100 (Chemistry 1), CHEM1200 (Chemistry 2) and CHEM1222 (Chemistry for Pharmacy and Dentistry) courses.
- Guided students on scientific writing, recording results, analyzing and interpreting data.
- Marked exam papers and provided feedback on laboratory reports for CHEM1100, CHEM1200 and CHEM1222.
- Conducted CHEM 1090 (Introductory Chemistry) workshops and laboratory sessions.

(6) UQ college tutor **2015 - 2016**

SCMB, UQ, Australia.

- Conducted induction sessions and laboratory sessions (Atomic Absorption Spectroscopy) for UQ college students.

(7) International Education Services Foundation course tutor **2015 - 2016**

SCMB, UQ, Australia

- Conducted induction and laboratory sessions for the International Education Services (IES) foundation courses in chemistry.

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(8) Demonstrator

2011 - 2012

Department of Chemistry, The University of Colombo, Sri Lanka.

- Assisted laboratory sessions and evaluated reports in the first-year elementary chemistry laboratory.
- Made marking schemes for tutorials and quizzes.
- Conducted tutorial classes for CH1008 (General and Physical Chemistry-Atomic structure, Thermodynamics and Chemical Kinetics), CH1010 (Calculations in Chemistry-Scientific measurement and Significant Figures) and CH1009 (Fundamentals of Organic Chemistry).
- Encouraged and guided first year undergraduate students in writing laboratory reports and solving tutorial questions.

Ongoing Postgraduate Supervision – Research

(1) PhD

- Co-supervisor of Ms. A.S.D. Wickramasinghe
Title: Antidiabetic effects of nanoparticle based herbal nutraceutical formulation in Wistar rats induced with diabetes mellitus

(2) MPhil

- Co-supervisor of Ms. R. R. Wadasinghe
Title: Antidiabetic activity of nanoformulations from selected medicinal plant extracts.

Journal Publications

ResearcherID: AAI-4124-2021, ORCID ID: <https://orcid.org/0000-0003-3502-9287>

Seven publications (three first author articles) shown below;

1. Wickramasinghe, A.S.D.; **Kalansuriya, P.**; Attanayake, A.P. Herbal medicines targeting the improved β cell functions and β cell regeneration for the management of diabetes mellitus. *Evidence-Based Complementary and Alternative Medicine*, **2021**, <https://doi.org/10.1155/2021/2920530>
2. **Kalansuriya, P.**; Khalil, Z. G.; Salim, A. A.; Capon, R. J. Talarophenol sulfate and talarophilones from the Australian mud dauber wasp-associated fungus, *Talaromyces* sp. CMB-W045. *Tetrahedron Letters*, **2019**, 60(43), 151.
3. da Silva, G. S.; Shang, Z.; **Kalansuriya, P.**; Capon R. J.; Espósito, B. P. Antioxidant activity and cellular uptake of the hydroxamate-based fungal iron chelators pyridoxatin, desferriastochrome and desferricoprogen. *Biometals*, **2019**, 32(4), 707.

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4. Quezada, M.+; Shang, Z.+; **Kalansuriya, P.**+, Salim, A. A.; Lacey, E.; Capon, R. J. Waspergillamide A, a nitro *depsi*-tetrapeptide diketopiperazine from an Australian mud dauber wasp-associated *Aspergillus* sp. (CMB-W031). *J.Nat. Prod.*, **2017**, *80* (4), 1192.

+: These authors contributed equally.

5. **Kalansuriya, P.**; Quezada, M.; Espósito, B. P.; Capon, R. J. Talarazines A-E: Noncytotoxic Iron(III) Chelators from an Australian Mud Dauber Wasp-Associated Fungus, *Talaromyces* sp. (CMB-W045). *J.Nat. Prod.*, **2017**, *80* (3), 609. – **ACS Editors' Choice Award**

6. Shang, Z.; Khalil, Z. G.; Li, L.; Salim, A. A.; Quezada, M.; **Kalansuriya, P.**; Capon, R. J. Roseopurpurins: Chemical Diversity Enhanced by Convergent Biosynthesis and Forward and Reverse Michael Additions. *Org. Lett.* **2016**, *18*, 4340.

7. Khalil, Z. G.; **Kalansuriya, P.**; Capon, R. J. Lipopolysaccharide (LPS) stimulation of fungal secondary metabolism. *Mycology: An International Journal of Fungal Biology* **2014**, *5*, 168.

Conference Papers - International

1. **Poster Presentation:** da Silva, G. S.; **Kalansuriya, P.**; Shang, Z.; Capon, R. J.; Espósito, B. P. (2017, July). *Prospection of hydroxamate and quinone-type siderophores for iron overload chelation therapy*. In 46th World Chemistry Congress and IUPAC 49th General Assembly, Sao Paulo, Brazil.

2. **Oral Presentation:** **Kalansuriya, P.**; Quezada, M.; Espósito, B. P.; Lacey, L.; Capon, R. J. (2015, November). *Microbial chemical diversity: Unlocking hidden microbial treasures*. In Division of Chemistry and Structural Biology Symposium, Brisbane, Australia.

3. **Poster Presentation:** **Kalansuriya, P.**; Quezada, M.; Espósito, B. P.; Lacey, L.; Capon, R. J. (2014, December). *New dimerumic acid and desferricoprogen diketopiperazines isolated from mud dauber wasp associated fungus, Penicillium resedanum*. In Brisbane Biological & Organic Chemistry Symposium, Brisbane, Australia.

4. **Poster Presentation:** **Kalansuriya, P.**; Khalil, Z. G.; Piggott, A. M.; Capon, R. J. (2013, November). *Revealing microbial cryptic/silent secondary metabolism by applying chemical cues*. In Institute for Molecular Bioscience, Division of Chemistry and Structural Biology Symposium, Brisbane, Australia. – **Award for the best poster prize.**

Conference Papers - National

1. **Oral Presentation:** Wickramasinghe, A.S.D.; Attanayake, A.P.; Kalansuriya, P. (2021). Optimization of high fat diet fed streptozotocin induced Wistar rat model for screening antidiabetic agents. University of Kelaniya International Conference on Applied and Pure Sciences, Sri Lanka. – To be held on 29th October, 2021

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2. **Oral Presentation:** Wadasinghe, R.R.; Attanayake, A.P.; **Kalansuriya, P.** (2021). *In vitro antidiabetic activity of aqueous bark extract of Spondias pinnata and its encapsulated chitosan nanoparticles*. University of Kelaniya International Conference on Applied and Pure Science, Kelaniya, Sri Lanka. – To be held on 29th October, 2021

3. **Poster Presentation:** Wickramasinghe, A.S.D.; Attanayake, A.P.; **Kalansuriya, P.** (2021, July). *Glucose-lowering activity of Coccinia grandis (L.) Voigt leaf extract encapsulated nanoliposomes in Wistar rats induced with diabetes mellitus*. In College of Biochemists of Sri Lanka, 3rd Conference, Nugegoda, Sri Lanka.

4. **Oral Presentation:** Wadasinghe, R.R.; **Kalansuriya, P.**; Attanayake, A.P.; Bandara, B.M.R. (2021, March). *In vitro α -amylase inhibitory activity of Gmelina arborea Roxb. aqueous extract encapsulated chitosan nanoparticles*. In University of Sri Jayawardenepura Research Conference in Health Sciences 2021, Sri Lanka.

5. **Oral Presentation:** Wadasinghe, R. R.; **Kalansuriya, P.**, Attanayake, A. P.; Bandara, B. M. R. (2021, March). *In vitro α -amylase inhibitory activity of Gmelina arborea Roxb. aqueous extract encapsulated chitosan nanoparticles*. In Research Conference in Health Sciences, University of Sri Jayawardenepura, Colombo, Sri Lanka.

6. **Oral Presentation:** Wadasinghe, R. R.; **Kalansuriya, P.**; Attanayake, A. P.; Bandara, B. M. R. (2021, March). *Gmelina arborea Roxb. Aqueous Extract Loaded Chitosan Nanoparticles: Formulation and Characterization*. In University of Ruhuna 18th Academic Sessions 2021, Galle, Sri Lanka.

7. **Oral Presentation:** Wickramasinghe, A. S. D.; Attanayake, A. P.; **Kalansuriya, P.** (2021, March). *Optimization of Encapsulation Efficiency of Coccinia grandis (L.) Voigt Extract Encapsulated Nanoliposomes*. In University of Ruhuna 18th Academic Sessions 2021, Galle, Sri Lanka.

8. **Poster Presentation:** Wickramasinghe, A. S. D.; Attanayake, A. P.; **Kalansuriya, P.** (2021, March). *Effect of Water: Ethanol Ratio on Extraction Yield, Total Polyphenol Content and Total Flavonoid Content of Selected Sri Lankan Medicinal Plants*. University of Ruhuna 18th Academic Sessions 2021, Galle, Sri Lanka.

9. **Oral Presentation:** Wadasinghe, R. R.; Attanayake, A. P.; **Kalansuriya, P.**; Bandara, B. M. R. (2021, January). *In vitro α -amylase inhibitory activity and total polyphenolic and flavonoid contents of Spondias pinnata (L.f) Kurz and Gmelina arborea Roxb.* In Sri Lanka Association for Laboratory Animal Science 8th Annual Scientific Sessions 2021, Sri Lanka.

10. **Oral Presentation, Completed Post Graduate Studies:** **Kalansuriya, P.**; Khalil, Z. G.; Espósito, B. P.; Quezada, M.; Capon, R. J. (2019, August). *High-throughput screening for drug discovery: Exploring silent microbial secondary metabolites as an untapped molecular resource*. In Faculty of Medicine Academic Sessions – Galle, Sri Lanka.

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Manuscripts under Review

1. De Silva, W. N. D., **Kalansuriya, P.**, Attanayake, A.P, Arawwawala L.D.A.M., *Antioxidants from Sri Lankan Flora: Chemical Diversity and Assessment of Antioxidant Potential*. Evidence-Based Complementary and Alternative Medicine (submitted on 30.08.2021).
2. Wadasinghe, R.R.; **Kalansuriya, P.**; Attanayake, A.P.; Bandara, B.M.R. *Investigation of in vitro antidiabetic activity of chitosan-tripolyphosphate nanoparticles encapsulated with Gmelina arborea aqueous extract*. Young Scientists Conference on Multidisciplinary Research, NIFS, Sri Lanka (submitted the revised final on 28.09.2021).
3. Wickramasinghe, A.S.D.; Attanayake, A.P.; **Kalansuriya, P.** *Development of high fat diet and low dose streptozotocin induced diabetic Wistar rat model for screening of novel antidiabetic agents*. Journal of Pharmacological and Toxicological Methods (submitted on 12.09.2021).
4. Wickramasinghe, A. S. D.; **Kalansuriya, P.**; Attanayake, A. P. *Nanoformulation of plant based natural products for type 2 diabetes mellitus: From formulation design to therapeutic applications*. Current Therapeutic Research (submitted on 10.10.2021).

Manuscripts under Preparation

1. Wadasinghe, R.R., **Kalansuriya, P.**, Attanayake, A.P, Bandara, B.M.R. Bioactive constituents and bioactivities of *Gmelina arborea* Roxb. (Family: Verbanaceae) with special emphasis on diabetes mellitus: A review

Orations

1. **Prof. N.D.W.Lionel Memorial Oration: Kalansuriya, P.**; Espósito, B. P.; da Silva, G. S.; Khalil, Z. G.; Quezada, R. M.; Salim, A. A.; Capon, R. J. (September, 2021). *Revitalizing the drug pipeline; Microbial Secondary Metabolites as an Untapped Molecular Resource of New Therapeutic Agents*. In 134th Anniversary International Medical Congress, Colombo, Sri Lanka.

Editorial Work and National Contributions

1. **Reviewer:** Journal Evidence-Based Complementary and Alternative Medicine published by Hindawi Limited. 3rd Floor, Adam House, 1 Fitzroy Square, London, W1T 5HF, United Kingdom – 2021.
2. **Book Chapter:** Medicinal Chemistry Session 33: Chemistry of inorganic medicinal compounds., Department of Pharmacy, Faculty of Health Sciences, The Open University of Sri Lanka – 2021. *Under review*
3. **National Report:** Member of the SLAAS committee to write the “Biotechnology Research and Applications Landscape of Sri Lanka: the past, the present and the future” - *Under preparation*

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4. **National Report:** National Inventory of Mercury Releases in Sri Lanka, Project: Minamata Initial Assessment (MIA), Ministry of Mahaweli Development and Environment, Environment Pollution Control and Chemical Management Division, Sri Lanka – *Completed*
5. **Newspaper Article:** “Use of mercury, mercury compounds and mercury added products in the education sector in Sri Lanka: Importance of implementing safe handling practices in the laboratories” published in Sinhala “ශ්‍රී ලංකාවේ අධ්‍යාපන ක්ෂේත්‍රය තුළ රසදිය භාවිතය, රසදිය අඩංගු නිෂ්පාදන භාවිතය හා විද්‍යාගාර තුළ එම ද්‍රව්‍ය ආරක්ෂාකාරී භාවිතාව පිළිබඳ පැවතුම් ඇති කිරීම” Vidusara Newspaper – *Published on 23rd August, 2017, Volume 43.*
6. **Reviewer:** Abstracts and papers for International Research Symposium of Uva Wellassa University – IRSUWU 2018.

Other Details

LinkedIn: <https://www.linkedin.com/in/pabasara-kalansuriya-31647933/>

ResearchGate: https://www.researchgate.net/profile/Pabasara_Kalansuriya

Memberships in Professional Societies

1. Full membership – Organization for the Women in Science for the Developing World (OWSD), The World Academy of Sciences (TWAS), Italy
2. Community Member – American Chemical Society (ACS), Membership number: 32642273
3. Life member – Sri Lanka Association for Advancement of Science (SLAAS), Sri Lanka
4. Full membership – College of Biochemists, Sri Lanka
5. Life member – Galle Medical Association, Sri Lanka

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Referees

- ❖ Professor Rob Capon
IMB Group Leader & Director of Postgraduate Studies
Institute for Molecular Biosciences
The University of Queensland
Brisbane QLD 4072, Australia
Email: r.capon@imb.uq.edu.au
Phone: +61 7 334 62979/62372

- ❖ Associate Professor Breno Pannia Espósito
Department of Fundamental Chemistry
Institute of Chemistry
University of Sao Paulo
Sao Paulo 05508-000, Brazil
Email: breno@iq.usp.br
Phone: +55 119 751 30616

- ❖ Dr. Zeinab Khalil
Research Fellow
Institute for Molecular Biosciences
The University of Queensland
Brisbane QLD 4072, Australia
Email: z.khalil@uq.edu.au
Phone: +61 7 334 62980