Department of Molecular Biology & Biotechnology
Faculty of Science / University of Peradeniya



Prof. R. G. S. C. Rajapakse

B.Sc. (Perad.), M.Phil. (Perad.), Ph.D. (Hokkaido, Japan)

Dean / Senior Professor

malavi@pdn.ac.lk
spkmlv@gmail.com
+94 81 239 (4505)
+94 77 780 1257
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About Me

B.Sc., M.Phil. (University of Peradeniya), Ph.D., (Hokkaido University, Japan); Senior Professor in Molecular Biology and Biotechnology (2022 to date), Professor (2014-2022); Dean, Faculty of Science (2022 to date) University of Peradeniya, Sri Lanka; Chairman/ National Institute of Fundamental Studies, Sri Lanka (2025 to-date); Elected Fellow of the National Academy of Sciences, Sri Lanka (since 2025), Member, Research Council, National Institute of Fundamental Studies (UGC Nominee - 2022 to 2025), Chairman, Board of study in Biochemistry and Molecular Biology, Postgraduate Institute of Science, University of Peradeniya (2017-2022) Member of the Institute of Biology and Institute of Chemistry Ceylon., Google Scholar h-index of 18; 1458 citations; Several National prestigious Awards for Excellence in Research including Presidential Awards for research publications (2004, 2007, 2012, 2013, 2014); SUSRED award, NRC merit award, JSPS Invitation fellowship (long term-2013), JSPS Invitation fellowship Short term - 2023) Research interest: Dissecting molecular mechanisms of ovulation in vertebrates, hydrolytic enzymes, protease inhibitors from Sri Lankan flora, Rhizobial genetics and studies on oral pathogenic microbes

Higher Education Qualifications

PhD	MPhil	BSc
Hokkaido University Japan (2006)	University of Peradeniya Sri Lanka (2002)	University of Peradeniya Sri Lanka (1997)

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Awards, Scholarships, Memberships & Fellowships

2014 SUSRED Award, National Science Foundation, Sri Lanka

2014 Presidential awards for Research

2013 Post-Doctoral Fellowship (Invitation Fellowship) - Japan Society for Promotion of Science

2013 Presidential awards for Research

2012 Presidential awards for Research

2007 Presidential awards for Research

2004 Presidential awards for Research

2002-2006 Japanese Government Monbukagakusho Scholarship for PhD Studies

2010 to date *University of Peradeniya Science Alumni Association UPSAA (Life member)*

2000- to date *Sri Lanka Association for the Advancement of Science (SLAAS) (Life member)*

2007 to date *Institute of Chemistry, Sri Lanka, member*

2010 to date *Institute of Biology, (Life member)*

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Positions Held

- **Chairman**, National Institute of Fundamental Studies, Sri Lanka- (2025 April to date)
- **Dean**, Faculty of Science, University of Peradeniya- (2022 April to date)
- **Member**, Research Council, National Institute of Fundamental Studies (UGC Nominee)- (2022 August to 2025)
- **Head**, Department of Molecular Biology and Biotechnology- (2019 July to 2022 April)
- **Member**, Governing Council of the University of Peradeniya, Sri Lanka- (2019 October to date)
- **Member**, Board of Management, Postgraduate Institute of Science, University of Peradeniya- (2017 April to date)
- **Chairman**, Board of study in Biochemistry and Molecular Biology, Postgraduate Institute of Science, University of Peradeniya- (2017 April to date 2022 April)
- **Director**, Science Education Unit, Faculty of Science- (2017 April to 2019 August)
- **Chairman**, Quality Assurance Committee, Faculty of Science 2016 to date
- **Deputy Proctor**, Faculty of Science- (2016)
- **Head**, Department of Molecular Biology and Biotechnology- (2011 to 2013)
- **Acting Head**, Department of Molecular Biology and Biotechnology- (June-August 2014)
- **Chairman**- Curriculum Development Committee, Faculty of Science, University of Peradeniya- (2010 to 2013)
- **Acting Secretary** - Board of study in Biochemistry and Molecular Biology, Postgraduate Institute of Science- (June to Aug.2014)
- **Faculty Representative** - Staff development Centre, Planning Committee, University of Peradeniya- (2012 to 2013)
- **Member**, Technical evaluation Committee (Laboratory Chemicals and Laboratory equipments, Faculty of Science, University of Peradeniya- (2011 to date)
- **Member**, Editorial Board of the Ceylon Journal of Science (Biological Science)- (2007 to 2015)
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My Teachings

- BL120: Introduction to Biotechnology and its Applications
- MB221: Enzymology
- MB311: Molecular Cell Biology
- MB333: Molecular Phylogenetics
- MB401: Molecular Biology of Plant and Animal Diseases
- MB441: Special Topics in Cell and Molecular Biology
- MB491: Molecular Developmental Biology
- MB492: Applications of Nanobiotechnology
- MB495: Seminar
- MB499: Research Project

Research Interests (Research Fields/ Projects)

Hydrolytic enzymes in Sri Lankan carnivorous plants, Protease inhibitors from Sri Lankan plants, Human and mouse Kallikreins, Anti microbial activities of modified fabrics, Genetic diversity of Rhizobia

Ongoing Research and Projects

Nothing to show under this subheading !!!

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Key Publications

Nothing to show under this subheading !!!

Conferences

Nothing to show under this subheading !!!

My Publications

Please goto the website.

https://sci.pdn.ac.lk/molecular/staff/Sanath-Rajapakse

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