

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

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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

Hokkaido University Japan (2006)



MPhil

University of Peradeniya Sri Lanka (2002)



BSc

University of Peradeniya Sri Lanka (1997)

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)

Positions Held

| ② | Chairman, National Institute of Fundamental Studies, Sri Lanka- (2025 April to date) |
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| ② | Dean, Faculty of Science, University of Peradeniya- (2022 April to date) |
| ② | 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 !!!

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