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



Dr. Chandima Dhanapala

B.Sc. (Perad.), M.Sc. (Saga, Japan), Ph.D. (CMB)

Head of the Department / Senior Lecturer

malavi@pdn.ac.lk
+94 81 239 (4503)
#

Higher Education Qualifications

PhD

University of Colombo
Sri Lanka
(2018)

MSc

Saga University
Japan
(2003)

BSc

University of Peradeniya
Sri Lanka
(2000)

 © 2022, Faculty of Science, UoP

Awards, Scholarships, Memberships & Fellowships

- Japanese Government Monbukagakusho Scholarship (2001- 2003)
- World Bank HETC Scholarship (2011- 2015)

© 2022, Faculty of Science, UoP

Positions Held

- Senior Student Counselor- (2017 to 2021)
- Member of Safety committee, Faculty of Science- (2017 to 2021)
- Member of Environmental Management Committee, Faculty of Science- (2017 to date)
- Member of Web Developing committee, Faculty of Science- (2017 to date)

© 2022, Faculty of Science, UoP

My Teachings

- BL100: Basic Life Sciences
- MB211: Cell and Tissue Culture
- MB331: Fermentation Technology
- MB416: Environmental Biotechnology
- MB491: Molecular Developmental Biology
- MB495: Seminar
- MB499: Research Project

Research Interests (Research Fields/ Projects)

Micro propagation of endemic plants, Wide hybridization of rice,

Hormonal regulation of plant growth and development

Ongoing Research and Projects

- **Identification and characterization of type of mutation present in three Sri Lankan dwarf rice varieties**
- **Expression of a some Aux/IAA genes in rice during Salicylic Acid treatment and Rice Blast Infectionn**
- **The effect of salt stress on expression of some Aux/IAA genes in different rice varieties in Sri Lanka**
- **Expression of a few Aux/IAA genes in some selected rice varieties under the stress induced by Mannitol and Polyethylene Glycol**
- **Analysis of genetic diversity and population structure of Colletotricum sp. on different fruit and vegetables in Sri Lankan market**
- **Genetic diversity of potential strains of Trichoderma isolates for biological control**
- **Isolation and identification of few helo-tolerant fungi in food**

© 2022, Faculty of Science, UoP

Key Publications

The Plant Journal - (2016)

Calcium/calmodulin regulates plant auxin response through the dual specificity phosphatase IBR5.

Ceylon Journal of Science (Bio. Sci.) - (2015)

An automated system for analyzing agarose and polyacrylamide gel images.

Conferences

Nothing to show under this subheading !!!

My Publications

Please goto the website.

https://sci.pdn.ac.lk/molecular/staff/Chandima-Dhanapala

© 2022, Faculty of Science, UoP