

Application:

Name :

Organization :

Address:

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Accommodation:

Own arrangement

University Guest House

Other hotels

Email:

Tel :

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Signature Date

Please Fax or E-mail on or before 23rd

November 2018 to workshop coordinators.

Head/ Department of Veterinary Pathobiology,

Faculty of Veterinary Medicine and Animal

Science, University of Peradeniya, Sri Lanka

Fax : + 94 81 3761083

E-Mail : vetparasitoffice@gmail.com**Venue:**Faculty of Veterinary Medicine and Animal
Science, University of Peradeniya

Sri Lanka

Duration:**28th to 30th November 2018****Registration fee:**

Local Graduate Students	Rs. 5000/=
Other Local Participants	Rs. 7500/=
Foreign Participants	\$100 USD

- Lunch and refreshments will be provided.
- Accommodation will be provided at concession rates as requested.
- All printed material and stationery will be provided.

Restoration payment should be made on or before
23rd November 2018 to:Assistant Bursar,
Faculty of Veterinary Medicine and Animal
Science,
University of Peradeniya.**Bank details:** Account No 0001274694Bank of Ceylon, Peradeniya Branch,
Peradeniya,
Sri Lanka**Please attach your bank slip with the application**

Workshop on

Molecular Taxonomy, Phylogeny, Molecular Genetics and Molecular Epidemiology and Evolution

28th to 30th November 2018

Organized by,

Department of Veterinary Pathobiology,
Faculty of Veterinary Medicine and AnimalScience,
University of Peradeniya,
Sri Lanka*In Collaboration with*School of Marine and Tropical Biology,
James Cook University, AustraliaDepartment of Pathology,
Faculty of Medicine,
Khon Kaen University, Thailand

and

Institute of Biotechnology,
Hanoi, Vietnam

**Training workshop on
Molecular Taxonomy, Phylogeny, Molecular
Genetics and Molecular Epidemiology and
Evolution**

Introduction:

The workshop focuses on training researchers and students in phylogeny and the application of phylogenetic methods in taxonomy, systematics and evolutionary studies. The major objective for the workshop is to provide hands-on experience in the use of databases available on the world-wide-web and the different software both commercial and free software, currently available for alignment of sequences, primer designs, molecular taxonomy, molecular genetics and epidemiology and evolution. The workshop caters for graduates, postgraduates and researchers that have a basic background in the relevant field.

Pre requisition:

Basic knowledge on Molecular Biology, PCR techniques, Sequencing.

Target Group:

Postgraduate students, Academic staff members of Universities, Staff of Research Institutes (Local and Foreign) in same discipline.

Program Outline:

- Defining and basic concepts of molecular taxonomy.
- Phylogenetic analysis, molecular phylogenetic, phylogenetic trees, nested structure, algorithm for printing phylogenetic tree.
- Chromosome structure, genome organization, chromosomal rearrangement and conversions, screening and identification of mutations, production and analysis of genetically modified organisms
- Software available for phylogenetic analysis in world-wide-web and their uses
- Identifying specific pathways molecules and genes that influence risk of developing diseases

Please Contact for further information

Workshop Coordinator

Professor RPVJ Rajapakse,
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Resource Personnel

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