



DEPARTMENT OF BIOLOGICAL SCIENCES UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES LAHORE, PAKISTAN

No. BTNY-2482

Date: 21-12-2020

The Vice Chancellor
UVAS, Lahore

Through proper channel

Subject: **Approval to conduct one day online seminar on "Molecular Phylogenetics and its Applications"**

Sir,

It is submitted that one day training workshop entitled "**Molecular Phylogenetics and its Applications**" has been planned to be conducted in Department of Biological Sciences, Faculty of Fisheries and Wildlife, Ravi campus, Pattoki. The seminar will provide useful insight into the CRISPR, current popular genome editing tool for being simple and efficient.

The training will comprise of following sessions:

1. Introduction to Phylogenetics
2. Basic tools and softwares for phylogeny
3. Applications of phylogenetics tools for phylogeny of different organisms.

The sessions will be conducted by resource person, Dr. Muhammad Ashfaq, Assistant Professor, from Department of Animal Breeding and Genetics, University of Veterinary and Animal Sciences-Lahore, Ravi campus, Pattoki. Kindly approve to conduct the training on 29-12-2020 via google meet at the Department of Biological Sciences, Ravi campus, UVAS.

Thanking you in anticipation.

Forwarded

Mubashir
21/12/2020

Muhammad
21/12/2020
o/c

Dr Abdul Razaq
Assistant Professor
Department of Biological Sciences
Faculty of Fisheries and Wildlife
Ravi Campus, UVAS
21/12/2020

**One Day Seminar
On
"Molecular Phylogenetics and it applications"**

Molecular Phylogenetics techniques in biotechnology, used for identification of different organisms and construction of their evolutionary history. This tool has replaced the traditional taxonomy with modern and more authentic taxonomy. Currently, scientists around the world are rapidly applying this technology in an attempt to categorize different organisms, plants, animals, fungi, algae, bacteria etc., this method is a bit sophisticated and expensive but more accurate and reliable as compared to conventional methods. So, Department of Biological Sciences, Faculty of Fisheries and Wildlife, University of Veterinary and Animal Sciences, Ravi Campus, Pattoki is going to organize a One day online seminar on "Molecular Phylogenetics and it applications" to introduce the research the significance of this method and its applications.

Objectives:

- Use of Molecular Phylogenetics for species identification
- How different molecular can be used for phylogeny
- Determination of general editing efficiency with a PCR-based DNA mismatch method

Couse Duration: One day (December 29, 2020)
Course Timing: 12:00 pm to 2:00 pm
Venue: via google meet/Department of Biological Sciences, UVAS, Ravi Campus, Pattoki
Participation: Students and Teachers working in universities and research institutions
No. of Participants: 60
Resource Persons: Dr. Muhammad Ashfaq,
Assistant Professor
Department of Animal Breeding and Genetics,
University of Veterinary and Animal Sciences,
Ravi campus, Pattoki.

REFGISTRATION FEE: Free of cost

REGISTRATION PROCEDURE For registration, e-mail secretary of event (email address given below)

Dr. Abdul Razaq (Assistant Professor)

Chief Organizer

Department of Biological Sciences, Faculty of Fisheries and Wildlife, University of Veterinary and Animal Sciences, Ravi Campus, Pattoki

E-mail: abdul.razaq@uvas.edu.pk

Dr. Sehrish Sadia (Assistant Professor)

Secretary

Department of Biological Sciences, Faculty of Fisheries and Wildlife, University of Veterinary and Animal Sciences, Ravi Campus, Pattoki

E-mail: sehrish.sadia@uvas.edu.pk

Other faculty members are members of organizing committee.