

One Day Symposium and Hands-on Training on Molecular Characterization of Whiteflies (Insecta) in Pakistan

WHY TO ATTEND

Whiteflies can damage plants specially cotton by sucking of the sap and excreting honey dews on which sooty mold grows to reduce photosynthetic activities of the plant. Cotton leaf curl disease caused by begomoviruses (family Geminiviridae) and transmitted by species of whiteflies in the *Bemisia tabaci* complex, is one of the most significant constraints to the production of cotton.

National Institute for Biotechnology and Genetic Engineering (NIBGE), has a well-equipped infrastructure for diverse arrays of work on whiteflies and their viruses transmission research based systems. The field of plant virology at NIBGE is an active platform with most advanced molecular characterization of whitefly *Bemisia tabaci* (Class: Insecta, Order: Homoptera, Family: Aleyrodidae), begomovirus DNA components and virus host interaction studies.

We are delighted to announce “One Day Symposium and Hands-on Training on Molecular Characterization of Whiteflies (Insecta) in Pakistan”. This symposium will serve as a platform particularly for Biotechnologists and Entomologists from diverse scientific backgrounds from all over the country to share their knowledge and expertise. The event will provide participants an opportunity to have an insight on whiteflies and have constructive interaction with experts from various institutions and NIBGE, for controlling of this notorious pest.

Invited Speakers

High profile national and international scientists/researchers with an immense research experience and expertise in the field of whiteflies will be invited as speakers to share their research outcomes, future directions, emerging trends, and role and impact of biotechnology on the pest controlling, etc. Researchers, extension workers, plant protectionists and students are expected and encouraged to avail this opportunity optimally through discussion with the experts.



WHO CAN ATTEND

Scientists, Professionals and Students, working in the areas of Biotechnology and Entomology

Chair of the Organizing Committees

Dr. Shahid Mansoor, *SI* Director NIBGE

Advisory Committee

Dr. Abdul Jabbar Khan D. G. (A & B), PAEC
Dr. Nayyar Iqbal Director (A & B), PAEC
Dr. Zahid Mukhtar Head (ABD), NIBGE

Organizers

Dr. Muhammad Sarwar Pr. Scientist, NIBGE
Dr. Imran Amin Pr. Scientist, NIBGE
Dr. Muhammad Asif Pr. Scientist, NIBGE

Please send complete application form and CV to
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Symposium Organizer
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Cell # 0335/ 0301- 6535526
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Registration

For Students Rs. 500/- (Mandatory)

For Employees Rs. 1000/- (Mandatory)

Accommodation and Meal Charges

(Rs. 1,000 / Person / Day) (Optional)

Note

Accommodation is quite limited. All dues should be paid before or at the time of registration by the participants in the form of Cash/ Bank Draft in favor of “Accounts Officer, NIBGE, Faisalabad”.

Symposium will be held on
November 30, 2018

Registration link

Please click the following link for registration of the event

<http://www.nibge.org/>
Registration Closing Date
November 26, 2018

Special Practical Session

Currently, our special focus in this session will be training by a Chinese expert Dr. Li-Long Pan, from Key Laboratory of Molecular Biology of Crop Pathogens and Insects, Zhejiang University, Hangzhou, China, to demonstrate whitefly's dissection for isolation of bacteriocytes and other parts. Hands-on training in molecular identification of primary and secondary endosymbionts, and whitefly biotypes based on cytochrome oxidase-I gene will also be provided.