

Research Institute for Biotechnology and Environment, Nong Lam University (RIBE-NLU), Vietnam

Research Institute for Biotechnology and Environment, Nong Lam University (RIBE-NLU) is founded in 2006 and is also committed to prepare competent leaders and professional in the area of biotechnology, genetic resources and plant breeding. Through a dedicated team of docents and researchers, the institute generates knowledge and applied technologies which are developed through basic and applied research addressing the needs of our society, especially small farmers which contribute sustainable development in our country and finally help us to appropriately manage natural resources

National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand

National Center for genetic engineering and Biotechnology (BIOTEC) is one of the National Science and Technology Development Agency (NSTDA) centers and is first set up in 1963 under the Ministry of Science, Technology and Energy. BIOTEC now functions as a research institute, with a funding program specificity addressing platform technology development. BIOTEC research covers a wide spectrum from agricultural science to biomedical science and environmental science. Apart from research laboratories, BIOTEC activities also include policy research, an outreach program, training and international relations. BIOTEC income is sourced from government funding and revenues from providing services/commercialization and non-government entities such as international funding agencies and private foundations

International training course on molecular diagnosis of plant diseases

The concepts of sustainable agriculture always require advanced and innovative approaches/farming systems for enhancing the quality of agricultural products for public health and human communities. To do this, emerging rapid detection platforms will play an important role in providing the timely and actionable information needed to lessen negative impacts on agricultural production economic burdens caused by plant emerging pathogens.

Vietnam is a lower middle income economic and we still face many challenges in food security, particularly in plant protection. Dissemination of innovative tools for rapid detection of plant diseases is one of imperative strategies to tackle those challenges. Therefore, Research Institute for Biotechnology and Environment, Nong Lam University in cooperation with Sardar Vallabhbhai Patel University of Agriculture and Technology (India) and BIOTEC (Thailand) will be a host for this training course to attract approximately 30 - 35 participants domestically and internationally.

The outputs gained from this event will have a big impact on the improvement of sustainable agricultural production not only in Vietnam but also in other countries in ASIA region and worldwide. Additionally, the highlights of this event will include a network discussion for building up potential research collaboration among scientists from many high education institutes in Vietnam, ASEAN and developing countries

NONG LAM UNIVERSITY - HO CHI MINH CITY

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International training course on molecular diagnosis of plant diseases
6-8 March, 2017



Who can apply?

* National and international researchers/lecturers/technicians from academic universities, research institutes and industry

How to apply?

* Registration Form (see Annex 1) and return duly filled to organizing secretary at huyen.ptt2101@gmail.com

*All information of this course, please contact **Dr. Nguyen Bao Quoc** at email:

baoquoc@hcmuaf.edu.vn

* Deadline: **March 3, 2017**

Objectives of the course:

- Enhancing the knowledge and skills on molecular techniques for rapid detection of plant diseases
- Building up a network for potential collaboration in research and academic activities.

3 days program

Day 1: Theoretical lectures on advanced molecular diagnosis of some plant diseases

Day 2: Practical on advanced PCR, qRT-PCR, application of antibodies and LAMP techniques for the detection of plant diseases

Day 3: Practical on advanced PCR, qRT-PCR, application of antibodies and LAMP techniques for the detection of plant diseases (cont.)

Post-course activity: Visiting Can Gio island (please pay extra fee separately)

Registration fee:

Early bird (deadline: **Feb. 5, 2017**):

150 USD for foreigner

3.000.000 VND for Vietnamese

Normal: (deadline: **Mar. 3, 2017**):

200 USD for foreigner

4.000.000 VND for Vietnamese

Students/postdoc:

80 USD for foreigner

1.200.000 VND for Vietnamese

The fee will include the following:

- Lunch and coffee breaks
- Materials and bench fee
- Farewell dinner

Language: English (having interpreter based on request)

Bank transfer: Please transfer the registration fee at the following (for Vietnamese):

Account name: Viện Nghiên cứu Công nghệ Sinh học và Môi trường

Account number: 31410000920664

Bank: Ngân hàng đầu tư và phát triển Việt Nam (BIDV)

Branch: Đông Sài Gòn

For the registration fee of foreigners, please contact directly to Dr. Nguyen Bao Quoc via his email for further guidance

Local organizing committee:

1. **Assoc.Prof. Dr. Le Dinh Don**, Director of Research Institute for Biotechnology and Environment, Nong Lam University, Ho Chi Minh City, Vietnam

3. **Dr. Nguyen Bao Quoc**, Research Institute for Biotechnology and Environment, Nong Lam University, Ho Chi Minh City, Vietnam

4. **Dr. Huynh Van Biet**, Research Institute for Biotechnology and Environment, Nong Lam University, Ho Chi Minh City, Vietnam

5. **Mrs. Pham Thi Thanh Huyen**, Research Institute for Biotechnology and Environment, Nong Lam University, Ho Chi Minh City, Vietnam

International and Local Resource persons:

1. **Dr. Jitender Singh**, Sardar Vallabhbhai Patel University, India

2. **Dr. Alongkorn Amnuaykaanjanasin**, BIOTEC, Thailand.

3. **Dr. Orapapai Gajanandana**, BIOTEC, Thailand

4. **Dr. Nguyen Bao Quoc**, Nong Lam University, Vietnam.

5. **Dr. Huynh Van Biet**, Nong Lam University

6. **Dr. Le Tien Dung**, DEKALB, Vietnam

