**CALL FOR APPLICATIONS**

**BIOTEC Training Program on Microbial Utilization 2014**

**The National Center for Genetic Engineering and Biotechnology (BIOTEC)** invites research scientists from members of ASEAN Network on Microbial Utilization to apply to BIOTEC Training Program on Microbial Utilization 2014. The Program aims to build up R&D capability for as well as fostering research network among network members. Six training fellowships will be provided in 2014.

**Eligibility**

1. Must be research staff currently being employed in one of the members of ASEAN Network on Microbial Utilization.
2. Must hold at least a **Master’s degree in sciences.** All applicants must have finished course work in biology, microbiology or any related areas that will be required for particular training topics.
3. Must have good command in English.
4. Must be able to attend the course, starting on 2 June 2014. Duration varies from course to course, according to the list of courses below.
5. Must not be older than 35 years of age as of 2 June 2014.
6. Since the training is research-based and trainees will be working in the laboratories, applicants must show on his/her application form that his/her current job involves research, not administrative work.
7. Each selected grant recipient will be assigned to **ONE** of the available courses. Applicants will have to identify only **ONE** course in their application form.

**Sponsorship**

Selected candidate will be provided with accommodation and bench fee. Applicant and head of institute must confirm that he/she or institute will provide airfare, subsistence allowance and health insurance for the duration of the training on an application form.

**Available Training Courses**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course No.** | **Training Topic** | **Training Duration** | **Specific Requirement** |
| 1 | Microbial Genome Annotation and Analysis | 3 months | Candidate must have knowledge in computer programming and database development. |
| 2 | Discovery of microbial-derived bioactive natural products   * Cultivation techniques (fermentation) * Bioassay techniques * Isolation of bioactive compounds from microorganisms | 1-4 months (will be discussed and decided between successful candidate and BIOTEC supervisor) | Candidate must have basic knowledge in chemistry, biology and spectroscopy |
| 3 | Screening and optimization of production conditions for biomass-degrading enzymes for industrial application  Details: The training will include biochemical techniques on (i) screening of biomass degrading enzymes from microbial isolates; (ii) optimization of enzyme production media and conditions in lab-scale using experimental design approaches | 3 months |  |

**Application Procedure**

Each applicant should submit a completed application form along with an English university-transcript, full Curriculum Vitae, certificate of health and copy of passport (if any) to BIOTEC. **The deadline for receipt of application is 30 March 2014**. Selected applicant will be notified by 10 April 2014. For application submission and further inquiries, please contact:

**International Cooperation Section**

**c/o Ms. Papawee Nupason**

National Center for Genetic Engineering and Biotechnology (BIOTEC)

113 Thailand Science Park, Phahonyothin Road

Khlong Nuang, Khlong Luang, Pathum Thani 12120 Thailand

Tel: (66) 2 564 6700 ext.3323 Fax: (66) 2 564 6572

E-mail: [papawee.nup@biotec.or.th](mailto:papawee.nup@biotec.or.th)