

Program

Introduction to Proteomics and biomarker discovery • SDS-PAGE • 2D Gel electrophoresis • 1- and 2- Western Blotting • ELISA • Pathway analysis • PRIDE database • Image Analysis

Convener

Dr. B. K. Das, Director

ICAR- Central Inland Fisheries Research Institute

Course Director

Dr. B. P. Mohanty

Principal Scientist and Head, FREM Division

Course Coordinators

Dr. S. Manna, Principal Scientist

Dr. B. K. Behera, Principal Scientist

D. Karunakaran, Senior Scientist

FREM Division

Course Co-ordinators

- P. Maurye
- Prajna R. Behera
- Dr. Arabinda Mahanty
- Dr. A. K. Sahoo
- Dr. P. K. Parida
- Tanuja Abdulla

Resource Persons from ICAR-CIFRI & Guest Faculties

Dr. B. P. Mohanty, Dr. B. K. Behera, D. Karunakaran, Dr. Arabinda Mahanty, Tandrima Mitra, Satabdi Ganguly-CIFRI; Dr. S. C. Parija, OUAT, Bhubaneswar and Dr. J. Mohanty, ICAR- CIFA, Bhubaneswar

Technical Assistance

Dr. Sanjay Bhowmik, L. R. Mahaver, S. K. Paul, Sk Rabiul, Sujoy Nath

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1st Barrackpore Proteomics Workshop

27 June - 02 July, 2018



Organized by

ICAR- Central Inland Fisheries Research Institute
Barrackpore, Kolkata-700120

Venue:

Division of Fishery Resource and Environmental Management
(FREM)- Biochemistry Laboratory,
ICAR- Central Inland Fisheries Research Institute
Barrackpore, Kolkata-700120

Preamble

Proteomics is the identification and characterization of all the proteins expressed by a genome or organs/tissues/cell types at a particular time, and understanding how these proteins function, both by themselves and in concert, within an organism. It is a highly powerful tool in protein analysis which supplements gene sequence data with protein information about where, in which ratio and under what condition proteins are expressed. Proteomic biomarkers are gaining immense clinical importance in the practice of medicine. Biomarkers are defined as a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathological processes, or pharmacological responses to a therapeutic intervention. Biomarkers, therefore, have potential values in monitoring health status and can be used as a diagnostic tool for disease detection and staging, as well as a tool for disease prognosis. Further, during treatment of disease, they can be used to monitor the therapy, select additional therapy, or monitor recurrent diseases.

Eligibility

Scientists, University Faculty Members, RAs/ SRFs/Students and other Scholars/Industry personnel

Course Fees: ₹ 6,000.00 (for Students/Research Scholars)
₹ 10,000.00 (for Scientist, Faculty)
₹ 12,000.00 (for Industry personnel)

Lodging & Boarding: . Guest House and Hostel facilities available. Lodging and boarding on payment basis.

How to Apply:

Applicants are advised to send their brief resume, along with registration form duly filled in with registration fee. The fee can be paid in form of Demand Draft/NEFT/RTGS. Demand Draft: In favour of "ICAR Unit CIFRI, Barrackpore" payable at State Bank of India, Barrackpore, Kolkata -700120, (Code 00029) or can be transferred online; Account No. 11278713220.

Course content

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Registration Form

1st Barrackpore Proteomics Workshop

27 June-02 July, 2018

Name:

Designation:

Organization:

Address:.....

.....

PIN Mobile:.....

Email:

Accommodation required: YES / NO

If yes: Duration: From..... to

Payment details.....

I am enclosing one page write-up as to how this workshop would benefit me.

(Signature of Participant)

Recommendation/Forwarding Note by Competent Authority of institut

(Signature of C/A)