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Assistant Professor
Department of Biochemistry
Bharathiar University

Organizing Committee Members

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Dr. R. Kavitha, Assistant Professor
Dr. M. Rajesh, Guest Lecturer

Research Scholars & M.Sc., Students
Department of Biochemistry
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DEPARTMENT OF BIOCHEMISTRY
BHARATHIAR UNIVERSITY
COIMBATORE - 641 046
State University "A++" Grade by NAAC
21st Rank in MoE-NIRF

RUSA

RUSA 2.0 - BCTRC Sponsored Hands on Workshop on

Quantitative Real- Time PCR by SYBR Green Chemistry

Venue: Translational Genomics Research Laboratory

10th - 11th January 2024

Organized by
Dr. K. M. Saradhadevi
Assistant Professor
Department of Biochemistry
Bharathiar University
Coimbatore – 641 046
Tamil Nadu, India.

About the programme

Real-time polymerase chain reaction (PCR) has emerged as a powerful and indispensable tool in the modern scientific era and has a numerous applications across various scientific disciplines, making it a cornerstone technology in molecular biology, genetics, clinical diagnostics, and environmental research. As technology continues to evolve, real-time PCR remains at the forefront of nucleic acid analysis, playing a pivotal role in shaping our understanding of biological processes and improving diagnostic capabilities.

The fundamental goal of this workshop is to illuminate the participants with theoretical and hands on practical insights of advanced Real time PCR techniques. The intended aspirants are assured to be armed with valuable technical skills and catchup lectures by experts on gene/protein expression studies in cancer cells.

This will be a great starting point to springboard into the world of cellular and molecular biology. This advanced programme will encourage all candidates to meet , discuss and emphasis the basic and applied aspects of relative gene expressions via Real – Time PCR technique.

With this background, the lecture workshop is designed to have invited lectures/hands on training with the following themes:

- RNA isolation from cell lines.
- C-DNA synthesis by reverse transcription
- Hands-on experience with Real-Time PCR instruments
- Clinical Applications of PCR

Registration Fee

For Students/Research scholar : Rs. 400/-
Faculty members/Post Doc Fellows : Rs. 500/-

Registration Link:
https://docs.google.com/forms/d/e/1FAIpQLSc83gKB-RCJJvV6k9-K9HVz1NhGYReHw7XhpNOEydJ5WYIrsg/viewform?usp=sf_link

For payment: Dr. K. M. SARADHADEVI, RUSA 2.0 BCTRC WORKSHOP, A/C 822610210000036, IFSC: BKID0008226

- Workshop kit, Certificate, Refreshment and Lunch will be provided to all delegates.
- TA/DA will be provided only for Resource persons.
- **Maximum 20 participants are permissible on first come first serve basis.**
- Last date for registration **08.01.2024** and selected participants will be announced on or before **09.01.2024**

Resource Person

Biological experts from academic and research institutions will deliver lectures in the hands-on training workshop