



NATIONAL CONFERENCE
ON



TOXICITY – CURRENT PERSPECTIVES

6TH JULY 2019

BIORADIANCE'19

Awaiting
TCMC & KDC
Credit Points

ANIMAL
HANDLING
WORKSHOP

5TH
JULY
2019

Jointly Organised by:

PUSHPAGIRI RESEARCH CENTRE & BISHOP MOORE COLLEGE



PUSHPAGIRI

We care God cures

RESEARCH
CENTRE



Venue: Senate Hall, Pushpagiri Medical College Hospital

www.prc.pushpagiri.in

About Conference

Dear friends,

Toxicology or the science of safety deals with harmful effects of chemical substances on animals, humans and the environment. Over the years, this branch of science has evolved and now deals with effects of synthetic substances like nanoparticles, polymeric biomaterials, food additives etc. Keeping its increasing importance in mind, Pushpagiri Research Centre (PRC) in collaboration with Bishop Moor College, proudly announces the VIIth edition of its annual research conference- Bioradiance. The Bioradiance 2019 will focus on the central theme of "Toxicity – Current perspectives" and will feature a pre-conference workshop on Animal Handling.

Pushpagiri Institute of Medical Sciences and Research Centre (PIMS&RC) which is a fully –fledged 1200 bedded, hi-tech super speciality Medical College Hospital, was started 60 year before (1959) as a small clinic with eight beds in 1959 to cater to rural maternity care. During this long 60 years' journey, PIMS&RC has played a vital role in contributing to the economic and social development of Kerala and has continued moving ahead with a renewed understanding and vision, 'We Care God Cures'.

Besides giving a comprehensive overview on recent advances in toxicity, the conference will provide a platform for postgraduate students, researchers and scholars to showcase their work. We warmly welcome you to the conference and sincerely hope that it enriches your career as a researcher.

Organizing Committee

Patrons

Rev. Fr. Jose Kallumalickal

CEO, Pushpagiri Group of Institutions

Rev. Thomas K. Ooman

Manager, Bishop Moor College

Organizing Chairperson

Rev. Dr. Mathew Mazhavancheril

Director of Academics & Research

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Scientist & Research Coordinator

Pushpagiri Research Centre

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Head of the Chemistry Department

Bishop Moore College

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Scientist & Sr. Resident Microbiology

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Scientist & Asst. Prof. Community Medicine

Dr. Prasanth Rathinam

Scientist & Asst. Prof. Biochemistry

Dr. Tressia Alias Princy Paulose

Asst. Prof. Dept. Chemistry, Bishop Moore College

Ms. Rekha Rose Koshy

Asst. Prof. Dept. Chemistry, Bishop Moore College

Ms. Deepa Thomas

Asst. Prof. Dept. Chemistry, Bishop Moore College

Ms. Bessy Mary Philip

Asst. Prof. Dept. Chemistry, Bishop Moore College

Ms. Silpa Anu Mathew

Asst. Prof. Dept. Chemistry, Bishop Moore College

Ms. Linda E. Jacob

Asst. Prof. Dept. Chemistry, Bishop Moore College

Pre-Conference Workshop on Animal Handling

Bioradiance 2019 will have a pre-conference workshop on animal handling and ethics, on 5th July 2019. The main objective of the workshop is to build competence in animal handling and using various animal models for research purposes. This hands-on workshop will be beneficial to researchers who are engaged in or planning animal experiments.

The pre-conference workshop is open to postgraduate or doctoral students, research fellows in veterinary or biological sciences and postgraduates from any biological disciplines. The workshop will include lectures, visit to our animal facility and hands-on practical sessions.

Maximum number of participants allowed	25
Total fee to be paid	Rs. 2500/-
Apply before	15 th JUNE 2019
Notification to the selected candidates	25 th JUNE 2019

Note:

Candidates will be provided with lunch, tea and snacks on the day of training.

Candidates have to make their own arrangements for the accommodation & travel.

Abstract Submission For Poster

Abstracts for Poster presentations are to be submitted on or before 25th June 2019. The abstracts should have a maximum of 300 words and must necessarily contain the following subheadings: Introduction, Materials & Methods, Results and Discussion.

Quiz Competition

The annual quiz competition held as a part of Bioradiance, is one of the most anticipated science events in this part of the state. It tests the knowledge of students on topics like biochemistry, biotechnology, microbiology and molecular biology. The winners of this prestigious event are offered attractive prizes and gift vouchers.

Any department from a college can send a two-member team to represent them at the quiz competition. There will be a screening round in written format, and the final round will be on-stage. We do not charge any entry fee for participation. If you wish to participate, kindly inform Dr Sherly Antony, on or before 01.07.2019 (drsherlyantony@gmail.com)

Registration

For Registration log on to www.prc.pushpagiri.in and clicking on the tab titled "**Bioradiance 2019**".

Type	Last date	Students	Research Scholars & Faculty
Early-bird	Till 31 st May 2019	200	300
Normal	From 1 st June to 30 th June 2019	250	350
Spot Registration		300	400
Last date for Quiz registration : 30th June 2019 (Only 2 members per team per college)			

Programme Schedule

DAY 1 - ANIMAL HANDLING WORKSHOP

Time	Topic	Recourse person
10.00 to 12.30pm	Animal Restarining	Dr. Sachin J. Shenoy , Scientist F, SCTIMST
12.30 to 1.30pm	Lunch	
1.30 to 3.00pm	Drug Administration Blood Collection Anesthesia	Dr. Santosh Pillai Prof. & HOD Pharmacology, PIMS & RC Dr. Nebu G. Thomas Scientist & Prof. Periodontics, PIMS & RC Dr. Yogesh Bharat Dalvi Scientist & Research Coordinator, PRC,PIMS

DAY 2 - BIORADIANCE 19

Time	Topic	Recourse person
8.30 to 9.00am	Registration	
9.00 to 9.30am	Inauguration	
9.30 to 10.00am	ANIMAL MODELS FOR TOXICITY EVALUATION	Dr. Sachin J. Shenoy Scientist F, Division of In Vivo Models and testing, SreeChitraTirunal Institute For Medical Science And Technology, Trivandrum (SCTIMST).
10.00 to 10.30am	TOXICITY OF NANOPARTICLE AND APPLIED POLYMER	Dr. Sailaja G.S Associate professor, Department of Polymer Science and Rubber Technology, CUSAT
10.30 to 10.45am	TEA BREAK	
10.45 to 11.15am	TOXINS AND ALLERGENS FROM MARINE SOURCES: RECENT DIMENSIONS AND RESEARCH ARENAS	Dr. Binsi PK Scientist, Fish Processing Division, Central Institute of Fisheries Technology, Matsyapuri PO, Willington Island, Cochin-29.
11.15 to 11.30am	IN VITRO - IN VIVO TEST FOR TOXICITY & BIODCOMPATIBILITY	Dr. Yogesh Bharat Dalvi Scientist & Research Coordinator, Pushpagiri Research Centre, Pushpagiri Institute of Medical Sciences, Thiruvalla
11.30 to 11.50am	BACTERIAL TOXIN AND DETECTION	Dr. Samitha Nair Mbs,M.D.P.G.Diploma(ID), Consultant Clinical MicrobiologyDDRC SRL, Trivandrum, Kerala, INDIA.
11.50 to 1.15pm	LUNCH & POSTER	
1.15 to 1.45pm	ANTIBIOTIC RESIDUE TEST IN ENVIRONMENT AND FOOD	Dr. ROBIN J. PAUL Quality Manager, State Laboretory for Livestock, Marine and Agricultural Products, Kochi. (Former Asst. Director, Marine Product Export Development Authority)
1.45 to 2.00pm	RESIDUE TESTING USING HPLC	Dr. Prasanth Rathinam, Scientist, Pushpagiri Research Centre& Asst. Prof. Biochemistry, Pushpagiri Institute of Medical Sciences, Thiruvalla
2.00 to 3.00pm	QUIZ	Dr. Tressia Paulose Asst. Prof., Dept. of Chemistry, Bishop Moore College, Mavelikara
3.00 to 3.30pm	VALEDICTORY & PRIZE DISTRIBUTION	

Conference Resource Faculties



Dr. Sachin J. Shenoy

Scientist 'F' (Veterinary), Division of in vivo Models and Testing, Department of Medical Devices Engineering, Biomedical Technology Wing, Sree Chitra Tirunal Institute of Medical Sciences and Technology (SCTIMST), Poojapura, Thiruvananthapuram- 695012. Kerala, INDIA.

Email: sacshen@sctimst.ac.in



Dr. Sailaja G.S.

Associate Professor,

Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology (CUSAT), Cochi, Kerala, INDIA.

Email: sailajags@gmail.com



Dr. Binsi P. K.

Scientist,

Fish Processing Division, Central Institute of Fisheries Technology (CIFT) Matsyapuri PO, Willington Island, Cochi, Kerala, INDIA.

Email: binsipillai@gmail.com



Dr. Samitha Nair

Mbbs, M.D, P.G. Diploma (ID)

Consultant Clinical Microbiology DDRC SRL, Trivandrum, Kerala, INDIA.

dr.samithanair@gmail.com



Dr. Robin Paul

Quality Manager, State Laboratory for Livestock, Marine and Agricultural Products, Kochi. (Former Asst Director, Marine Products Export Development Authority).



CONTACT

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You can pay the registration amount through online transfer / NEFT / IMPS to the following account number

Account Name: Pushpagiri Research Centre

Account Number: 0588053000006790

Branch: Pushpagiri Medical College Branch, SIB,
Thiruvalla

IFSC Code: SIBL0000588

Quiz

1st Prize : 5000

2nd Prize : 3000

3rd Prize : 1500

Attractive Prizes

Poster

1st Prize : 2500

2nd Prize : 1500

3rd Prize : 1000