

## ADVISORY COMMITTEE

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Former Dean & Director CAS in Marine Biology, Annamalai University  
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Former Vice-Chancellor, Thiruvalluvar University, Vellore  
Prof. **K. Kathiresan**,  
Former Dean & Director, Honorary Prof. CAS in Marine Biology  
Prof. **S. Ajmal Khan**, Honorary Prof., CAS in Marine Biology  
Dr. **R. Kirubakaran**, Scientist 'F', NIOT, Chennai.  
Prof. **P. Shanthi**, Dr. ALM Basic Medical Science, Chennai.  
Prof. **P. Perumal**, Head, Dept. of Biotechnology, Periyar University  
Dr. **R. Balagurunathan**, Head, Dept. of Microbiology, Periyar University  
Dr. **T.T. Ajith Kumar**, Principal Scientist, ICAR-NBFGR, Kochi  
Dr. **N. Thajuddin**, Head, Dept. of Microbiology, Bharathidasan University  
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Medical Biotechnology, VIT University, Vellore.  
Dr. **K. Amutha**, Head, Dept. of Biotechnology, Vels University  
Prof. **M. Srinivasan**, Director & Dean, CAS in Marine Biology, AU  
Prof. **N. Veerappan**, Professor, CAS in Marine Biology, AU  
Prof. **A. Shanmugam**, Professor, CAS in Marine Biology, AU  
Prof. **P.S. Lyla**, (BSR Fellowship), Retd. Prof., CAS in MB, AU  
Dr. **P. Sampathkumar**, Professor, CAS in Marine Biology, AU  
Dr. **M. Kalaiselvam**, Professor, CAS in Marine Biology, AU  
Dr. **S.T. Somasundaram**, Professor, CAS in Marine Biology, AU  
Dr. **S. Jayalakshmi**, Professor, CAS in Marine Biology, AU

## ORGANIZING COMMITTEE

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Vice-Chancellor  
Annamalai University

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*President*

**Prof. M. SRINIVASAN**

Director & Dean  
CAS in Marine Biology  
Faculty of Marine Sciences

*Co-Ordinator & Organizing Secretary*

**Dr. B. DEIVASIGAMANI**

Associate Professor & UGC Research Awardee

*Co-Organizing Secretaries*

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Assistant Professor

**Dr. S. BRAGADEESWARAN**

Associate Professor

**Dr. S. KUMARESAN**

Assistant Professor

**Dr. H. ANN SUJI**

Assistant Professor

CAS IN MARINE BIOLOGY

**ANNAMALAI UNIVERSITY**

(Accredited with 'A' Grade by NAAC)  
CELEBRATING 90 YEARS (1929-2019)

**CENTRE OF ADVANCED STUDY IN MARINE BIOLOGY**



**GOVERNMENT OF INDIA  
ICSSR & DBT NEW DELHI**



*Sponsored*

**INTERNATIONAL CONFERENCE ON**

**CURRENT IMMUNOLOGICAL TOOLS FOR  
BIODIVERSITY AND STATUS OF ENVIRONMENT HEALTH**

Date: 21 - 23, August 2019    Venue: CAS in Marine Biology

*President*

**Prof. M. SRINIVASAN**

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CAS in Marine Biology  
Faculty of Marine Sciences

*Co-Ordinator & Organizing Secretary*

**Dr. B. DEIVASIGAMANI**

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**CENTRE OF ADVANCED STUDY IN MARINE BIOLOGY**

**FACULTY OF MARINE SCIENCES**

**ANNAMALAI UNIVERSITY**

**PARANGIPETTAI - 608 502, TAMILNADU, INDIA**

# INTERNATIONAL CONFERENCE ON CURRENT IMMUNOLOGICAL TOOLS FOR BIODIVERSITY AND STATUS OF ENVIRONMENT HEALTH

(ICSSR & DBT Sponsored)

Date: August 21-23, 2019

Venue: CAS IN MARINE BIOLOGY

Faculty of Marine Sciences, Parangipettai – 608 502

## ABOUT THE UNIVERSITY

In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929).

One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University is accredited with 'A' Grade by NAAC in 2014. "The NIRF-2018" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 20<sup>th</sup> in India. In the Medical Category the ranking is 24<sup>th</sup>. "The Times Higher Education World University Ranking - 2019" has ranked Annamalai University in 1000+ for Overall category. In the Subject category Ranking, 2019, the University is ranked in the band of 501-600 for Life Sciences and Pre-clinical, clinical & Health Subjects. 800+ in the Physical Sciences subject. "The QS World University Ranking - 2019" has ranked Annamalai University in the band of 291 - 300 in Asia Ranking, 174 in the BRICS Ranking and 43 in India Ranking. "The CWTS Leiden Ranking 2018", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 20<sup>th</sup> based on the number of publications and 4<sup>th</sup> based on the proportion of publications that, compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. "The MDRA - India Today Ranking" (2018) has ranked Annamalai University 13<sup>th</sup> among the best Government Universities in India. Among the top 197 ranked institutions for Higher Education in India the "SCImago Institutional Ranking (2018)" has ranked Annamalai University as 7<sup>th</sup> in Tamil Nadu and 32<sup>nd</sup> in India.

Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising of 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

## ABOUT THE CENTRE

The Centre of Advanced Study (CAS) in Marine Biology is a reputed marine institute in India which is actively engaged in teaching, research and extension activities with an ideal location and easy access to different biotopes such as estuaries, mangroves, backwaters and coastal waters. It has made rapid strides in various facets of marine science. Research contributions over the years to marine science pertaining to the tropical environment by this Centre resulted in the establishment of exchange programmes with research institutions of the United Kingdom, and the United States of America besides various other countries. The major thrust areas identified for the Centre by the experts of the UGC are Biological, Physical and Chemical Oceanography,

Physiology, Biochemistry, Marine Microbiology, Pharmacology, Fishery Science, Ecology, Aquaculture and Marine Biotechnology. The Ministry of Environment, Forest and Climate Change, Government of India recognizing the expertise available here has established an Environmental Information System (ENVIS) Centre which has database on biodiversity of mangroves, estuaries, corals and lagoons. The Ministry of Science and Technology, New Delhi has also identified the Centre for support under the FIST programme of DST in 2000. The Department of Biotechnology has identified our Centre and funded to start a Post Graduate course on Marine Biotechnology in 2002. The Ministry of Science and Technology has declared our Centre as the Centre of Excellence in 2004. Recently, our Centre has been recognized by University Grants Commission as Centre of Excellence in Marine Biodiversity. Our Centre has been elevated to a level of Faculty of Marine Sciences from 2010 onwards.

## ABOUT THE CONFERENCE

Immunological tools 2019 Conference, is a forum to explore issues of mutual concern as well as exchange knowledge, share evidence and ideas, and generate solutions. The conference is all about promoting global health issues and advanced technologies used to control and regulate the marine ecosystem. This conference includes various types of fish diseases, marine algae, microbial biotechnology, fishery science, human health and diseases, pollutions, human impact on the environment, pollution risk assessment, advanced immunological tools and control methods. The Conference brings together experts, researchers, scholars and students from all areas of Basic science, immunobiotechnology, Chemical engineering, Earth and planetary sciences, Ecology, Environmental science, Environmental toxicology, Bioremediation and Public health, Occupational and industrial safety. This conference provides an intellectual platform for the academia, teacher-educators and research scholars to present their work and exchange ideas and develop a current vision for the future of the society. It helps to answer many unanswered questions which are greatly concerned to the society as a whole.

## CALL FOR PAPERS

In concomitant with the said major themes this conference invites research papers of proven quality on the following sub-themes.

- ❖ Biotechnology & Immunological approach
- ❖ Immune system & Biology of shellfish & finfish
- ❖ Aquaculture & Fishery sciences
- ❖ Microbiology & food technology
- ❖ Diseases and Diagnosis methods
- ❖ Toxicology and Safety Evaluation
- ❖ Nanotechnology
- ❖ Food and Bioengineering
- ❖ Biodiversity Conservation
- ❖ Environmental Biology

## SUBMISSION OF ABSTRACT

The organizing committee invites abstract not exceeding 250 words clearly mentioning the title (Times New Roman 12 bold) and names of the authors (Times New Roman 12) and their affiliations including the email and postal addresses (Times New Roman 10). Please strictly follow the format given below when sending your abstract(s) to us. Send your abstracts to immunoworld2019@gmail.com; b.deivasigamani@gmail.com on or before July 15, 2019.

## REGISTRATION FEE

| Delegates                          | Indian      | Foreign   |
|------------------------------------|-------------|-----------|
| Academicians/ Scientists / Faculty | Rs. 2000 /- | US \$ 200 |
| Students / Research Scholars       | Rs. 500 /-  | US \$ 100 |

The registration fee should be sent through Bank Draft/ Western Union money transfer payable at Annamalainagar/ Chidambaram drawn in favour of **Registrar, Annamalai University, Annamalainagar - 608002**. Registration fees cover attendance at all the conference sessions, morning and afternoon teas, lunches and conference materials. Foreign delegates should pay the processing fee charged by their banks in addition to the full registration fee.

## LAST DATE FOR SUBMISSION OF ABSTRACT

**15 JULY, 2019**

## ACCOMMODATION

Accommodation for invited delegates will be arranged in the University guest house, hostels and hotels on request with payment.

## HOW TO REACH

Chidambaram is situated in the east-central part of Tamil Nadu state of southeastern India. The nearest airports are Tiruchirapalli (195 km), Pondicherry (65 km) and Chennai (245km). Frequent bus and train services are available to Chidambaram from Chennai and Tiruchirapalli. The climate of Chidambaram is tropical with mercury touching up to 28°C in December.

## VISAS

All foreign visitors need visas to visit India. Letter of invitation for visa application will be sent on request after receipt of the registration form. The participants are requested to contact the local Indian Embassy / Consulate for visa details and other requirements.

## Address for Communication

### Dr. B. DEIVASIGAMANI

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Associate Professor & UGC Research Awardee  
CAS in Marine Biology  
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