

Please send your manuscripts / nominations to:

The General Secretary, IABMS

No.24, Saranga Avenue Main Street, Old Perungalathur,
Chennai – 600063.

OTHER INFORMATIONS REQUIRED FROM LIFE MEMBERS

Life Members are requested to send their academic, teaching and research acumen, the awards owned by them and other vital activities such as visit to foreign countries, delivering invited lectures etc., to the General Secretary for its presentation before the 42nd Annual General Body Meeting of IABMS.

Life Members of IABMS, who would like to host 43rd Annual Conference of IABMS, 2022 are requested to submit their willingness with official permission letter received from their necessary authorities or heads of the institution, in sealed cover for its approval by E.C. and by the General Body.

Life Members who wish to change their addresses for communication are requested to furnish the details as given in the format of this brochure.

Please send the above information to the General Secretary, IABMS (address given above)

Fresh Life / Annual Membership of IABMS

To become Life / Annual Members of IABMS, applicants are requested to submit their applications on-line. (www.iabms.in), A copy of the same may kindly be forwarded along with the DD, CV., Masters Degree Certificate and photo, to the General Secretary, IABMS. In addition to the above items, the members are advised to send either the Life Membership fee of Rs.5000/- or Annual Membership fee of Rs.300/-. Payment must be made in DD only, in favor of "IABMS", payable at Chennai. For any clarification, please feel free to write to the General Secretary, IABMS.

Note: Details regarding Fee, Submission of Abstracts and Accommodation will be issued by the Organizing Secretary of the conference in the second circular.

I look forward to meet you all at the 42nd Annual Conference of IABMS, Nitte (Deemed to be University) 6th Floor, University Enclave, Medical Sciences Complex, Deralakatte, Mangaluru- 575018.

Thanking you, with regards,

Dr. E. Padmini,
General Secretary, IABMS

DECLARATION (FORMAT)

I hereby declare that I am the Annual/Life member (No. _____) of Indian Association of Biomedical Scientists (IABMS) and my research manuscript entitled "....." / "....." / the nomination filed by me, may kindly be considered for the "....." Award, in the 42nd Annual Conference of IABMS, 2021.

I hereby, certify that the research work submitted in the manuscript was done in Indian laboratory and is not presented elsewhere for consideration of any award / publication in any National / International Journal.

My Life Membership Number and Address are as follows / I have applied for Annual Membership / Life Membership during the month year , and its approval by EC of IABMS is awaited:

Signature of Guide/Supervisor Signature of Candidate
(with seal)

Date: *****

Request for Change in Address of present Life Members of IABMS

To: The General Secretary, IABMS,
Madam,

My L.M. No. is and I was inducted as Life member in the year Now I wish to change my address for communication as follows:

(Please specify your Name, age, date of birth, present affiliation, address for communication, email address, mobile No. / land line No. and attach your passport size photograph).

Signature of Life Member



42nd Annual Conference of
Indian Association of Biomedical Scientists (IABMS)

RECENT TRENDS AND ADVANCES IN BIOMEDICAL SCIENCES- AN INTEGRATED APPROACH

&

Dr. SARADA SUBRAMANIAM Memorial Workshop on
BASIC AND ADVANCED TECHNIQUES
IN HEALTH SCIENCE RESEARCH

25-27 November, 2021

Venue: Mangalore



A hybrid mode International Conference
Organized by
Nitte (Deemed to be University)
CRL-KSHEMA & NUCSER

www.nitte.edu.in/www.nitte.ac.in

ORGANIZING CHAIRMAN
Dr. Praveen Kumar Shetty

ORGANIZING SECRETARIES
Dr. Suchetha Kumari N
Dr. Anirban Chakraborty

First Circular from
Dr. E. PADMINI
General Secretary, IABMS

About the conference

It is a great pleasure to announce that Nitte (Deemed to be University) is organizing the 42nd Annual Conference of Indian Association of Biomedical Scientists (IABMS), through a hybrid mode from November 25-27th, 2021. The theme of the conference is ***“Recent Trends and Advances in Biomedical Sciences- An Integrated Approach”***. The event also includes Dr. Sarada Subramaniam memorial pre-conference workshop on ***“Basic and Advanced Techniques in Health Science Research”***. On behalf of the organizing committee, we extend a warm and cordial invitation to all the members of the association and others interested in the theme of the conference, for active participation. The prime goal of this international conference is to provide a common platform for students, research scholars, academicians and industry professionals to share and discuss the recent advances in the field of biomedical and health science. We are confident that this conference will be a road map to initiate partnerships across different disciplines, institutions and countries in order to spearhead cutting edge research in biomedical sciences aimed at significant breakthroughs in the field of diagnostics and therapeutics. The conference is particularly relevant for scientists and clinicians, postgraduate students, doctoral students and postdocs, biotech and pharma industry professionals, allied health professionals, public health professionals and policy makers, professionals from regulatory agencies, and professionals from the fields of dental, pharmacy, nursing and physiotherapy.

About Indian Association of Biomedical Scientists

Indian Association of Biomedical Scientists (IABMS) was formed in the year 1979, with Head Office at Dr. A.L.M. Postgraduate Institute of Basic Medical Sciences, University of Madras, Taramani Campus, Chennai. The acclaimed neurosurgeon, Prof. Dr. B. Ramamurthy was the first President, and Prof. Dr. S. Sarada Subramanyam, a renowned Physiologist was the first General Secretary of IABMS. IABMS is a pan-Indian organization and has grown enormously in the last four decades. Though IABMS had started with a modest bunch of individuals in 1979, presently the number of life members of IABMS is more than 1500. The association recognizes outstanding contributions of individuals in the field of science and has established several awards that are given during their annual conference. IABMS has an official organ of publication of scientific papers related to biomedical research and the title of the journal is ‘BIOMEDICINE’.

About Nitte (Deemed to be University)

Established in the year 2008 under the Nitte Education Trust, Nitte (Deemed to be University) is a centre for excellence in higher education, research and community service in Karnataka. The MHRD, Govt of India has placed Nitte DU under the category “A”. The University has been accredited by NAAC with ‘A+’ Grade. The NIRF has ranked Nitte (Deemed to be University) as 74th in the country in 2020 and it has been in the top 100 universities for the fourth successive year. In the QS I-GAUGE Indian University Rating, Nitte is given the “Diamond” rating and it is in the band of 401 - 450 in the QS World University Rating-Asia. NitteDU is also one of the few E-LEAD certified University in the country. The University has eight constituent colleges namely, K. S. Hegde Medical Academy (established in 1999), A. B. Shetty Memorial Institute of Dental Sciences (established in 1985), N.G.S.M. Institute of Pharmaceutical Sciences (established in 1983), Nitte Usha Institute of Nursing Sciences (established in 1992), Nitte Institute of Physiotherapy (established in 1997), Nitte University Centre for Science Education & Research (established in 2013), Nitte Institute of Mass Communication (established in 2013) and Nitte Institute of Architecture (2015).

AWARDS AND PRIZES OF IABMS 2021

IABMS has instituted various prizes under different categories. Those who would like to apply for the following awards must be an annual or life member of the association. All the papers must be accompanied by a duly filled in declaration form (Format is enclosed). The manuscripts for the prize papers should be in Microsoft format (Times new roman, font size 12) and submitted (soft and hard copies) to “The General Secretary IABMS, No.24, Saranga Avenue Main Street, Old Perungalathur, Chennai – 600 063 on or before **30th September 2021**.”

LIST OF AWARDS AND PRIZES INSTITUTED BY IABMS*

1. M K NAMBIAR MEMORIAL ORATION AWARD FOR AN EMINENT SCIENTIST
2. Dr. E. BALAKRISHNAN MEMORIAL AWARD
3. Mrs. THANGAM VASUDEVAN AWARD
4. INDRA VASUDEVAN AWARD
5. SIRI RESEARCH AWARD
6. Dr. YELLAPRAGADA SUBBAROW MEMORIAL AWARD
7. THE PGIBMS AWARD
8. PROF N PADMANABHAN MEMORIAL AWARD
9. Dr. P S LALITHA AWARD
10. Dr. LEELA KRISHNAMURTI MEMORIAL AWARD
11. Dr. BRAMMAIAH SASTRI MEMORIAL AWARD
12. AGATHIYAR AWARD
13. Dr. C R KRISHNAMURTHY MEMORIAL AWARD
14. Mr. V V SWAMINATHAN DIAMOND JUBILEE RESEARCH ENDOWMENT AWARD
15. Dr. A NAMASIVAYAM AWARD
16. Dr. M S KRISHNAMOORTHY AWARD
17. PROF SUNDARAM SUBRAMANIAM ORATION AWARD
18. PROF. S P THYAGARAJAN-PROF S RAJARAJAN ENDOWMENT AWARD
19. JAYA GROUP OF INSTITUTIONS AWARD

The eligibility criteria and other information pertaining to these awards are mentioned in detail in the website www.iabmscon2021.com

Note: Awards No. 2,3,4 & 5 are based on original work conducted preferably in India and it should not have been published or considered for publication in any journal at the time of submitting it for IABMS awards.

AWARDS FOR YOUNG RESEARCHERS

Awards for the best poster and oral presentations will be given to the young researchers as per IABMS guidelines. Few travel awards shall also be given to the deserving students and young faculty members as per IABMS guidelines.

NOMINATIONS FOR THE TITLE OF FIABMS

Only the life members of IABMS are eligible for the award of the title of FIABMS. The process for application involves sending an application to the General Secretary, IABMS. The terms and conditions are mentioned in detail in the conference website www.iabmscon2021.com

*Only annual or life members are eligible to apply for these awards The details on how to become a member of IABMS are available at <https://iabms.in/membership/>

SCIENTIFIC PROGRAM

The prime goal of this international conference is to provide a common platform for students, research scholars, academicians and industry professionals to share and discuss the recent advances in the field of biomedical and health science. This conference will be a road map to initiate partnerships across different disciplines, institutions and countries in order to spearhead cutting edge research in biomedical sciences aimed at significant breakthroughs in the field of diagnostics and therapeutics. The conference will provide ample opportunities for the young researchers to share their experiences as well as knowledge not only with their fellow researchers but also with renowned scientists. By having interactions, as well as sharing the research work carried out in these areas, the new proposals can be designed with focused themes which shall lead to further development in the biomedical research and thereby improving the existing knowledge. The highlight of the conference would be the plenary lectures by the experts, oral presentations by seasoned scientists, oral presentations by budding scientists, poster sessions, and award sessions.

Major themes

- Cell Signalling
- Infection and Immunity
- Advances in Cancer Diagnosis and Therapeutics
- Traditional Systems of Medicine
- Disease Modeling
- Nanomaterials, Biomaterials and Biosensors
- Bioinformatics and Systems Biology
- Environment and Human Health
- Nutrition, Gut Health and Disease
- Oral health and System Disorders
- Frontiers in Drug Discovery and Development
- Pharmacoeconomics and Outcome Research
- Advances in Critical Care Nursing Management
- Digital Age Health Care

Guidelines for abstract submission

The contents of abstract should include background, objectives, methods, results and conclusions under these headlines. The title should be in capital and in bold followed by name of authors (with first name first, then middle name followed by family name) and their institutional address along with the email address of the corresponding author. Do not append degrees, professional designations, etc to names. The name of presenting author should be underlined. The abstract should be typed using Microsoft Word (Times New Roman, font size 12 and 1.5 point spacing between lines, limit 300 words). Abbreviations used in the body of an abstract should be defined at their first mention in the text. Abstract should be submitted through website www.iabmscon2021.com.

Abstract will be considered for the publication only if the presenting author has registered for the conference. Normally only one paper is allowed per author, unless prior permission of organizers is taken. If an abstract is accepted and Presenter does not register, the abstract will be withdrawn. The last date for submission of abstract is **15th October, 2021**.

Accepted abstracts will be published in the journals Biomedicine and Journal of Health and Allied Sciences as a part of special issues.

Guidelines for oral and poster presentation

Considering the fact that the conference will be held in a hybrid mode, the guidelines pertaining to both oral and poster presentation are explained in detail in the conference website. It is imperative that the guidelines are strictly followed. For details visit www.iabmscon2021.com

Dr. SARADA SUBRAMANIAM Memorial Workshop on

BASIC AND ADVANCED TECHNIQUES IN HEALTH SCIENCE RESEARCH

A pre-conference workshop will be held on the 25th November, 2021 on basic and advanced techniques in health science research in memory of Dr. Sarada Subramaniam (Late), the first president of IABMS. The workshop will include sessions on the principles of important basic and advanced techniques and pre-recorded videos with voiceover on the steps for each of the techniques.

WORKSHOP TOPICS

- Cytogenetics
- Chromatographic Techniques (GC and HPLC)
- Cell culture techniques, flow cytometry and apoptosis assay
- Bio-dosimetry and DNA damage assay (Dicentric, micronucleus and COMET assay)
- Basics of immunohistochemistry and Western blot
- Computational systems biology and Multi-omics analysis in modern medicine
- Detection of gene mutation by droplet digital PCR (ddPCR)
- Basics of plant tissue culture
- Detection of apoptosis in zebrafish by whole mount TUNEL assay
- Real time evaluation of reactive oxygen species (ROS) in live animal model system
- Cell viability assay
- Detection of virulence genes of microorganisms by PCR
- 3D culture of cells
- Antimicrobial susceptibility assays (Disc diffusion & MIC)
- mRNA expression profiling using quantitative PCR
- Negative geotaxis assay to assess locomotory function in Drosophila
- Hemocyte extraction and phagocytosis assay to study immune response in Drosophila
- Water potability assays (Membrane filtration & MPN)
- Proximate analysis of food
- Basics of animal handling
- Introduction to atomic absorption & infrared spectrometry
- Fundamentals of nanotechnology
- Development of food frequency charts for therapeutic nutrition
- Diet modification for diabetes
- Physio yoga in COVID 19
- Yoga in physical fitness
- Basics of radiology imaging and protection

WORKSHOP COMMITTEE

CHIEF COORDINATOR

Dr Praveen Rai
Associate Professor, NUCSER, NitteDU

ASSISTANT COORDINATOR

Dr Tamizh Selvan
Assistant Professor G-I, KSHEMA, NitteDU
and Team

REGISTRATION

Abstract submission/Registration is open from 16th August, 2021 till 1st October, 2021. You can only register online at the conference website www.iabmscon2021.com by paying the registration fee through the payment gateway. The registered delegates would be entitled for virtual/in person admission to opening session, entrance to all scientific sessions, and conference materials, morning and afternoon refreshments and lunch (for in-person delegates). More details are available from the www.iabmscon2021.com.

In-person registered delegates are requested to produce the vaccination certificate along with the registration form

REGISTRATION FEE (inclusive of 18% GST)

Category	Registration Fee (In INR)	Privileges
In-person Registration*		
IABMS Members (Faculty)	Rs 2500	*Includes physical access to all the sessions at the conference venue, lunch, refreshments, registration kit and participation certificate (printed)
Non-members (Faculty)	Rs 3000	
Research scholars/Postdocs (Members)	Rs 1800	
Research scholars/Postdocs (Non-members)	Rs 2000	
Students (Members)	Rs 1500	
Students (Non-members)	Rs 1800	
Spot Registration	Rs 5000	
Virtual Participation Registration*		
IABMS Members (Faculty)	Rs 350	*Includes virtual access to all the sessions and participation certificate (soft copy)
Non-members (Faculty)	Rs 500	
Research scholars/Postdocs (Members)	Rs 300	
Research scholars/Postdocs (Non-members)	Rs 400	
Students (Members)	Rs 250	
Students (Non-members)	Rs 300	
Foreign Delegates	\$ 100	
Cancellation requests would be considered until 15 th October, 2021 with a 50% refund to be processed only after the conference. Cancellations beyond 15 th October, 2021 will not entitle to any refund.		

- Registration for the conference is mandatory for participation in the workshop
- Student delegates should produce a bonafide certificate from their institute

CONFERENCE SECRETARIAT

Prof. Dr. Praveen Kumar Shetty,
Organising Chairman
Prof. Dr. Suchetha Kumari N & Prof. Dr. Anirban Chakraborty
Organising Secretaries
Nitte (Deemed to be University)
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Deralakatte, Mangaluru- 575018
Tel: 0824-2204300/01/02; 9448451318/7022129624
Email: iabmsconference2021@nitte.edu.in
Website: www.iabmscon2021.com

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& Team