



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



AVMC
AARUPADAI VEEDU MEDICAL COLLEGE



**INTERNATIONAL
e-CONFERENCE
2020**

**17th - 19th
September**

*Departments of Anatomy, Biochemistry, Physiology &
Centre for Biomedical Research*

Organize

**International e-Conference on
“Emerging Trends in Research -
Emphasis on Basic Medical Sciences”**

IMPORTANT DATES

Early Bird registration **31st
AUG
2020**

Last date for Abstract submission **05th
SEPT
2020**

Registration closes **12th
SEPT
2020**

Abstract finalization and
communication **12th
SEPT
2020**

Online platform link communication **16th
SEPT
2020**

Highlights:

- Scientific Talks from International/National Speakers
- Publication of Conference Proceedings in indexed journal
- Oral presentations for Faculty/ PhD Scholars/ PGs
- e-Poster presentations for UG Students
- Young Research Scholar Award
- TMC Credit Hours
- Panel discussion
- e-Workshop

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www.bmscon.com



Dear all,

Greetings from Pre-clinical Departments and Center for Biomedical Research, AVMC

It is our pleasure to invite you for the International e-conference on
“Emerging Trends In Research - Emphasis on Basic Medical Sciences” on 17th -19th September 2020.

About Vinayaka Mission’s Research Foundation (VMRF)

VMRF is a pioneering and vibrant Research Foundation (Deemed to be university) offering multi disciplinary courses in a multi-cultural environment with an ambience marked by harmony in diversity. The VMRF is committed to offer education in the most professional manner and ensures enormous growth potential to the students. One of the biggest Research Foundation in India, VMRF boasts of the most diversified education in terms of number of faculties ranging from Medicine, Allied Health sciences, Engineering and Technology to Management - almost an entire gamut of academic disciplines. VMRF’s main campus in Salem, Tamil Nadu is truly a scenic marvel surrounded by mountains and is a hallmark in the city.

About College

The Aarupadai Veedu Medical College and Hospital was established at Pondicherry in the year 1999, with due approval from the Government of India and Medical Council of India. The Institution offers MCI recognized MD/MS programs in several disciplines in addition to MBBS program. AVMC campus is located in sprawling 100 acres and is home for a variety of flora and fauna. The eco-friendly, plastic and tobacco free campus is Wi-Fi enabled and houses Nursing, Physiotherapy and Allied Health Science colleges. Unique and distinguished program is also offered by BASLP. Presently 800 students are studying in the College. From 2020, 150 students will be admitted in the MBBS program.

About Preclinical Departments

All the 3 Pre-clinical departments of AVMC were established in the year 1999. Major activities of the departments are teaching and research. Department of Anatomy has established a Plastination lab and organized several hands on workshops in Plastination techniques. Department of Biochemistry is known for adopting newer T-L methods. Department of Physiology has a Centre of excellence in Clinical Physiology and offers value added courses in nerve conduction, ECG and Pulmonary function testing. Multidisciplinary Centre for Biomedical research provides multi user, state of art equipment facility in the field of molecular biology. It also supports research activity in all departments and is responsible for initiating several internal and external research grants.

About Conference

Basic science research is not only essential but is also crucial to enhance knowledge and help understand a particular subject in depth. The information thus gathered with respect to the changes in the cells and the molecules associated with any disease process help clinicians to offer better health care delivery. Research demands critical thinking, logical reasoning and creative application by exploring research trends. The next generation Professionals should be aware of the latest research advances and have to be assertive in their practices which should be evidence based for efficient and effective patient care.

Hence, the focus of this conference will be on:

Recent advances in basic medical science research and its application in diagnostics and medical education with special emphasis on:

- a. Artificial intelligence
- b. Medical robotics
- c. Alternate animal models for research
- d. Molecular biology
- e. Cytogenetics

Objective

To Explore the Opportunities and Challenges in Basic Medical Sciences Research in the current scenario.

Benefits

- a. International faculty from renowned Institutions
- b. Publication of conference proceedings an indexed journal
- c. TMC credit points will be obtained





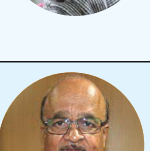

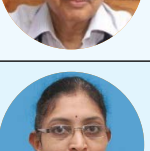

Who can attend:

Faculty, PhD scholars, PGs and UGs of following disciplines

1. Medicine
2. Dentistry
3. Veterinary
4. Nursing
5. Physiotherapy and
6. Allied Health Disciplines.





Mode : Online platform

PROGRAMME SCHEDULE ON DAY 1-THURSDAY (17.09.2020)



Time	Resource person	Scientific Talk
10.45AM - 11.30AM	 <p align="center">Dr. M. Prakash Hande Department of Physiology Yong Loo Lin School of Medicine and Tembusu College National University of Singapore</p>	Mechanism-based combination therapy in cancer: Telomerase and DNA repair inhibition
11.30AM - 12.15PM	 <p align="center">Dr. Vivek Kumar Sharma Dean Government Institute of Medical Sciences Greater Noida, UP</p>	Applications of mind-body medicine
12.15PM - 01.00PM	 <p align="center">Dr. P. S. Suresh Assistant Professor School of Biotechnology, NIT Calicut</p>	Exploring nuclear receptor in health and diseases
01.30 PM - 02.15 PM	 <p align="center">Dr. Jalaj Gupta Assistant Professor, Stem Cell Research Center (SCRC), Department of Hematology, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow</p>	Adult Stem Cells in Cancer Therapy
02.15 PM - 03.00 PM	 <p align="center">Dr. P. F. Kotur DEAN AVMC, Puducherry</p>	Panel Discussion : Enabling research in the institute
	 <p align="center">Dr. Vishnu Bhat Director - Medical Research AVMC, Puducherry</p>	
	 <p align="center">Dr. V. N. Mahalakshmi DEAN - HPE AVMC, Puducherry</p>	
03.00 PM - 03.45 PM	 <p align="center">Dr. Dinesh Kumar Srinivasan Department of Anatomy Yong Loo Lin School of Medicine and Tembusu College National University of Singapore</p>	Smart scaffolds for skin wound healing
03.45 PM - 05.30 PM	Scientific Presentation	

PROGRAMME SCHEDULE ON DAY 2-FRIDAY (18.09.2020)

Time	Resource person	Scientific Talk
09.30 AM - 10.15 AM	 <p align="center">Dr. Vaithinathan Selvaraju Visiting Scientist Department of Nutrition, Dietetics and Hospital Management, Auburn University, Auburn, AL USA</p>	Novel Luminex and multiplex high throughput technology for the diagnostic characterization of clinical disease
10.15 AM - 11.00 AM	 <p align="center">Dr. Pushkar Kulkarni Senior Research Scientist Dr. Reddy's Institute of Life Sciences, BITS Pilani Hyderabad, Telangana</p>	Zebrafish use in medical research

11.15 AM - 12.00 NOON		Dr. Selvakumar Edwardraja Senior Research Officer, Australian Institute for Bioengineering and Nanotechnology The university of Queensland, Brisbane, Australia	Protein biosensor for point of care diagnostics
12.00 NOON - 12.45 PM		Dr. Om Lata Bhagat Additional Professor, Department of Physiology All India Institute of Medical Sciences, Jodhpur	Physiological effects and therapeutic potential of slow deep breathing
02.00 PM - 02.45 PM		Dr. Suchitra Kumari Associate Professor, Department of Biochemistry All India Institute of Medical Sciences Bhubaneswar, Odisha	Artificial intelligence algorithm in detecting epithelial ovarian cancer among patients presenting with ovarian mass
03.00 PM - 04.00 PM		Dr. H.P. Khincha Fr. Vice Chancellor of Visvesvaraya Technological University, Belgaum, Chairman of the Dept of Electrical Engineering, IISc	Capacity building for Research
04.00 PM - 05.30 PM	Scientific Presentation		

PROGRAMME SCHEDULE ON DAY 3 - SATURDAY(19.09.2020)

Time	Resource person	Scientific Talk
09.30AM - 10.15 AM	 Dr. Madhu Lal-Nag Program Director, Research Governance Council Center for Drug Evaluation and Research USFDA, USA	Development of physiologically relevant disease platforms for therapeutic development
10.15AM - 11.00AM	 Prasad Vagdargi Ph.D. in Computer Science, Whiting School of Engineering, Johns Hopkins University, Baltimore	Robotics in healthcare
11.15AM - 12.00 NOON	 Dr. Sajita Setia Executive Director, Transform Medical Communications Auckland, New Zealand	Innovation in research, diagnostics and health-care sparked by COVID-19 crisis
12.00 NOON - 12.45 PM	 Dr. Kaviraja Udupa Additional Professor, Dept. of Neurophysiology National Institute of Mental Health and NeuroSciences (NIMHANS), Bangalore	Emerging trends of brain stimulation in neuroscience
1.30 PM - 2.15 PM	 Dr. M. Vimal Professor, Department of Pathology Sri Manakula Vinayagar Medical College & Hospital Puducherry	Ethical issues in biomedical research
02.15 PM - 03.00 PM	Team Centre for Biomedical Research, AVMC, Puducherry	e- workshop on molecular techniques - Basics for beginners
03.00 PM - 03.45 PM	 Dr. Vetrivelan Subramaniyan Associate Professor of Pharmacology Faculty of Medicine, MAHSA University, Malaysia	Translational animal research in developing medicines
03.45 PM - 05.30 PM	Scientific Presentation	

Conference Committee

Patrons			
Dr. A. S. Ganesan , Chancellor, VMRF		Dr. Anuradha Ganesan , Director, VMRF	
Mr. J. Suresh Samuel , Member, BoM, VMRF			
Dr. P. F. Kotur , Dean, AVMC			
Advisors			
Dr. Vishnu Bhat Director-Medical Research	Dr. Mahalakshmi V. N. Dean-HPE	Dr. Jayasingh K. Medical Superintendent	
Coordination Committee			
Dr. Arunachalam D. VP (Student Affairs)	Dr. Deepa S. DMS-1	Dr. Bharath N. DMS-2	Dr. Sajjan Prashanth RMO & CRRI Coordinator
Organizing Committee			
Organizing Chairpersons			
Dr. Lakshmi Jatiya Professor & Head, Department of Physiology		Dr. Sasmita Mishra Professor & Head, Department of Biochemistry	
Organizing Secretary		Joint Organizing Secretary	
Dr. Rajan T. Professor & Head, Department of Anatomy Vice Principal		Dr. Ravikumar S. Scientist, Centre for Biomedical Research	
Scientific and Publication Committee			
Dr. Sasmita Mishra Professor & Head Department of Biochemistry	Dr. Manju M. Professor Department of Biochemistry	Dr. Ilankathir S. Associate Professor Department of Anatomy	
Dr. Sudagar M. Associate Professor Department of Anatomy	Dr. Gopinath M. Associate Professor Department of Physiology	Dr. Aarthi M. Research Associate Centre for Biomedical Research	
Finance Committee		Registration, Certificate and Sponsorship Committee	
Treasurer Dr. Gopinath M. Associate Professor Department of Physiology	Joint Treasurer Dr. Ilankathir S. Associate Professor Department of Anatomy	Dr. Suryapriya R. Assistant Professor Department of Biochemistry	Dr. Satheesh Kumar S. Research Associate Centre for Biomedical Research
Invitation, Website & Protocol Committee			
Dr. Rajan T. Professor & Head Department of Anatomy Vice Principal	Dr. Lakshmi Jatiya Professor & Head Department of Physiology	Dr. Ravikumar S. Scientist & Head Centre for Biomedical Research	
Technical & Local Arrangement Committee			
Mr. Sridhar K. Assistant Professor Department of Anatomy	Ms. Hemalatha M. Assistant Professor Department of Physiology	Mr. Kumar R. R. Tutor Department of Biochemistry	Dr. Prithviraj N. Research Associate Centre for Biomedical Research
Publicity Committee			
Mr. Mohan S. Assistant Professor Department of Biochemistry	Dr. Susmita Mahapatra Nee Bhattacharya Assistant Professor Department of Physiology	Dr. Naresh D. Tutor Department of Physiology	Mr. Prabudass N. PhD Scholar Centre for Biomedical Research

Registration fee

Delegates	Category	Early bird registration (31.08.2020)		Late registration (12.09.2020)	
		India	Other country	India	Other country
UG students	Participation / e-poster Presentation	₹ 200	10 USD	₹ 250	15 USD
Ph D Research scholars and PG Students*	Participation	₹ 200	10 USD	₹ 300	20 USD
	Participation with Paper Presentation	₹ 300	20 USD	₹ 400	30 USD
Faculty*	Participation	₹ 300	30 USD	₹ 400	40 USD
	Participation with Paper Presentation	₹ 400	40 USD	₹ 500	50 USD

* ₹ 300 (for 3 days) to be paid for TMC credit hours in addition to the registration fee

Account details

Bank Details for Online Transfer	
A/c Name	Aarupadai Veedu Medical College
Account Type	Current
A/c No.	519011003809
IFSC Code	KKBK0008955
SWIFT Code	KKBKINBBXXX
Bank Name	Kotak Mahindra Bank

Contact details

Registration, Payments, Receipt, Certificates & Program coordination, Abstract & Paper Submission	Anatomy	Physiology	Biochemistry	Biomedical Research & Others
		Dr. Sudagar M. 8248416179	Dr. Gopinath M. 7373734943	Dr. Suryapriya R. 7502462266