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
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)

<table>
<thead>
<tr>
<th>Time</th>
<th>Resource person</th>
<th>Scientific Talk</th>
</tr>
</thead>
</table>
| 10.45AM - 11.30AM | Dr. M. Prakash Hande  
Department of Physiology  
Yong Loo Lin School of Medicine and Tembusu College  
National University of Singapore | Mechanism-based combination therapy in cancer: Telomerase and DNA repair inhibition                                                                |
| 11.30AM - 12.15PM | Dr. Vivek Kumar Sharma  
Dean  
Government Institute of Medical Sciences  
Greater Noida, UP | Applications of mind-body medicine                                                                                                                  |
| 12.15PM - 01.00PM  | Dr. P. S. Suresh  
Assistant Professor  
School of Biotechnology, NIT Calicut | Exploring nuclear receptor in health and diseases                                                                                                 |
| 01.30 PM - 02.15 PM | Dr. Jalaj Gupta  
Assistant Professor,  
Stem Cell Research Center (SCRC),  
Department of Hematology,  
Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow | Adult Stem Cells in Cancer Therapy                                                                                                               |
| 02.15 PM - 03.00 PM  | Dr. P. F. Kotur  
DEAN  
AVMC, Puducherry | Panel Discussion : Enabling research in the institute                                                                                           |
| 03.00 PM - 03.45 PM  | Dr. Vishnu Bhat  
Director - Medical Research  
AVMC, Puducherry |                                                                                                                                                  |
| 03.45 PM - 05.30 PM  | Dr. V. N. Mahalakshmi  
DEAN - HPE  
AVMC, Puducherry |                                                                                                                                                  |
| 09.30 AM - 10.15 AM | Dr. Dinesh Kumar Srinivasan  
Department of Anatomy  
Yong Loo Lin School of Medicine and Tembusu College  
National University of Singapore | Smart scaffolds for skin wound healing                                                                                                         |

### PROGRAMME SCHEDULE ON DAY 2-FRIDAY (18.09.2020)

<table>
<thead>
<tr>
<th>Time</th>
<th>Resource person</th>
<th>Scientific Talk</th>
</tr>
</thead>
</table>
| 09.30 AM - 10.15 AM | Dr. Vaithinathan Selvaraju  
Visiting Scientist  
Department of Nutrition, Dietetics and Hospital Management, Auburn University, Auburn, AL USA | Novel Luminex and multiplex high throughput technology for the diagnostic characterization of clinical disease                                    |
| 10.15 AM - 11.00 AM | Dr. Pushkar Kulkarni  
Senior Research Scientist  
Dr. Reddy’s Institute of Life Sciences, BITS Pilani Hyderabad, Telangana | Zebrafish use in medical research                                                                                                               |
## PROGRAMME SCHEDULE ON DAY 3 - SATURDAY (19.09.2020)

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

**Notes:**
- Development of physiologically relevant disease platforms for therapeutic development
- Robotics in healthcare
- Innovation in research, diagnostics and health-care sparked by COVID-19 crisis
- Emerging trends of brain stimulation in neuroscience
- Ethical issues in biomedical research
- e-workshop on molecular techniques - Basics for beginners
- Translational animal research in developing medicines
# 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
- **Dr. Rajan T.**, Professor & Head, Department of Anatomy
  - Vice Principal

### Joint Organizing Secretary
- **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
- **Treasurer Dr. Gopinath M.**, Associate Professor, Department of Physiology
- **Joint Treasurer Dr. Ilankathir S.**, Associate Professor, Department of Anatomy

## Registration, Certificate and Sponsorship Committee
- **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. Prithiviraj 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

<table>
<thead>
<tr>
<th>Delegates</th>
<th>Category</th>
<th>Early bird registration (31.08.2020)</th>
<th>Late registration (12.09.2020)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>India</td>
<td>Other country</td>
<td>India</td>
</tr>
<tr>
<td>UG students</td>
<td>₹ 200</td>
<td>10 USD</td>
<td>₹ 250</td>
</tr>
<tr>
<td>Ph D Research scholars and PG Students*</td>
<td>₹ 200</td>
<td>10 USD</td>
<td>₹ 300</td>
</tr>
<tr>
<td></td>
<td>₹ 300</td>
<td>20 USD</td>
<td>₹ 400</td>
</tr>
<tr>
<td>Faculty*</td>
<td>₹ 300</td>
<td>30 USD</td>
<td>₹ 400</td>
</tr>
<tr>
<td></td>
<td>₹ 400</td>
<td>40 USD</td>
<td>₹ 500</td>
</tr>
</tbody>
</table>

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

Account details

<table>
<thead>
<tr>
<th>Bank Details for Online Transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/c Name</td>
</tr>
<tr>
<td>Account Type</td>
</tr>
<tr>
<td>A/c No.</td>
</tr>
<tr>
<td>IFSC Code</td>
</tr>
<tr>
<td>SWIFT Code</td>
</tr>
<tr>
<td>Bank Name</td>
</tr>
</tbody>
</table>

Contact details

<table>
<thead>
<tr>
<th>Registration, Payments, Receipt, Certificates &amp; Program coordination, Abstract &amp; Paper Submission</th>
<th>Anatomy</th>
<th>Physiology</th>
<th>Biochemistry</th>
<th>Biomedical Research &amp; Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sudagar M. 8248416179</td>
<td>Dr. Gopinath M. 7373734943</td>
<td>Dr. Suryapriya R. 7502462266</td>
<td>Dr. Satheesh kumar S. 9940074536</td>
<td></td>
</tr>
</tbody>
</table>
We cordially invite you to the inaugural ceremony of

The International e-Conference on

“Emerging Trends in Research - Emphasis on Basic Medical Sciences”

organized by the Departments of Anatomy, Biochemistry, Physiology & Center for Bio-Medical Research

Organizing Committee
BMS e-con2020

When: 9.45 AM
Where: Online (Zoom Platform)

+91 7708110875  bmscon@avmc.edu.in  www.bmscon.com

17th September

INVITATION
to commemorate the
20th Anniversary of
Vinayaka Mission’s Research Foundation
# Inaugural Program
From 09.45 AM to 10.45 AM (60 minutes)
Thursday, 17th September, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Organizer/Spokesperson</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.45 AM</td>
<td>Invocation</td>
<td></td>
<td>5 min</td>
</tr>
<tr>
<td>09.50 AM</td>
<td>Welcome Address</td>
<td>Dr. Lakshmi Jatiya, Organizing Chairperson</td>
<td>5 min</td>
</tr>
<tr>
<td>10.00 AM</td>
<td>Theme of the conference</td>
<td>Dr. Sasmita Mishra, Organising Chairperson</td>
<td>5 min</td>
</tr>
<tr>
<td>10.05 AM</td>
<td>Inauguration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.05 AM</td>
<td>a. Lighting of the lamp</td>
<td>Dr. A. S. Ganesan, Hon Chancellor, VMRF</td>
<td>5 min</td>
</tr>
<tr>
<td>10.10 AM</td>
<td>b. Inaugural address</td>
<td>Dr. A. S. Ganesan, Hon Chancellor, VMRF</td>
<td>10 min</td>
</tr>
<tr>
<td>10.20 AM</td>
<td>c. Release of Souvenior</td>
<td>Dr. Anuradha Ganesan, Director, VMRF</td>
<td>5 min</td>
</tr>
<tr>
<td>10.30 AM</td>
<td>Address by Guest of Honour</td>
<td>Mr. J. Suresh Samuel, Member BOM, VMRF</td>
<td>5 min</td>
</tr>
<tr>
<td>10.35 AM</td>
<td></td>
<td>Dr. P. K. Sudhir, Hon Vice Chancellor, VMRF</td>
<td>5 min</td>
</tr>
<tr>
<td>10.40 AM</td>
<td>Presidential Remarks</td>
<td>Dr. P. F. Kotur, Dean, AVMC</td>
<td>5 min</td>
</tr>
<tr>
<td>10.45 AM</td>
<td>Vote of Thanks</td>
<td>Dr. T. Rajan, Organizing Secretary</td>
<td>5 min</td>
</tr>
</tbody>
</table>

NB: Link for online participation shall be sent