Virtual Biennial SAAP VII and PSI Conference 2021

Theme: “Physiological Sciences for betterment of health”

Organised by
Department of Physiology
Hamadard Institute of Medical Sciences & Research, Jamia Hamdard, New Delhi - 62

PROGRAM SCHEDULE

Day 1 : 24th March 2021

<table>
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<tr>
<th>S. No</th>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
<th>Title</th>
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<tr>
<td></td>
<td>9:00 am - 10:30 am (IST)</td>
<td>Inaugural Program</td>
<td>Recitation of Quran</td>
<td>Imam Rabiya Mosque</td>
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<td>Lamp lighting ceremony</td>
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<td>Welcome address (9:00 - 9:05 AM)</td>
<td>Prof. Iqbal Alam, Organizing Secretary, SAAP &amp; PSI</td>
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<td>Conclave for Late</td>
<td>Prof. Arif Siddiqui, President, SAAP</td>
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<td>Address By Dean, HIMSR (9:05 - 9:15 AM)</td>
<td>Prof. Mridu Dubeja (India)</td>
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<td>Inaugural Speech by President SAAP</td>
<td>Prof. Iqbal Alam (Pakistan)</td>
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<td>Speech by President PSI (9:25 - 9:35 AM)</td>
<td>Prof. A.K. Chandra (India)</td>
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<td>Guest of Honor (9:35 - 9:45 AM)</td>
<td>Prof. Robert G. Carrol (USA)</td>
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<td>Guest of Honour (President, FAOS) (9:45 - 9:55 AM)</td>
<td>Prof. Chau Hoon Leem, (South Korea)</td>
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<td>Guest of Honour (VC, BLDE Universty, Bijapur)</td>
<td>Prof. M. S. Biradar, (India)</td>
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<td>Chief Guest (President IUPS) (9:55 - 10:10 AM)</td>
<td>Prof. Julie Chan (Taiwan)</td>
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<td>Presidential Address (CEO, HIMSR) (10:10 - 10:25 AM)</td>
<td>Dr. G. N Gazl (India)</td>
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<td>Vote of Thanks, Secretary General (10:25 AM - 10:30 AM)</td>
<td>Prof. Savithri W. Wimalasekera (Sri Lanka)</td>
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SESSION A

CHAIRPERSONS:
1. Prof. M. Aslam, President, SAAP
2. Prof. Kusal Das, Member, Education Committee, IUPS
3. Prof. Rokeya Begum, BFPS Bangladesh
4. Prof. Sunil Kohli, HIMSR, New Delhi

1. 10:30 am - 11:00 am (IST) Keynote Address 1: Prof. Julie Chan (President, IUPS)
The good, the bad and the ugly of nitric oxide in cardiovascular regulation: Perspectives from a physiological perspective.

2. 11:00 am - 11:30 am (IST) Plenary Lecture 1: Prof. Robert G. Carroll, Brody School of Medicine, Greenville, NC, USA
Physiology benefits from the shift to competency-based education.

3. 11:30 am – 12:00 pm (IST) Plenary Lecture 2: Prof. Dewan S. A. Majid, Department of Physiology, Director, Hypertension & Renal Center of Excellence, Tulane University School of Medicine, New Orleans
The Physiological role of cytokines during high salt intake.

SESSION B

CHAIRPERSONS:
1. Prof. Neelam Vaney, UCMS, New Delhi
2. Prof. Ritha Khadka, President, Physiological Society Nepal
3. Prof. Sarwar Alam, Jamia Hamdard, New Delhi

4. 12:00 pm – 12:20 pm (IST) Plenary Lecture 3: Prof. H. R. Ahmad, Sindh Institute of Transplantation and Urology & Dept. of Biological and Biomedical Sciences, Aga Khan University, Karachi
Faculty Instutional Relationship: Conception of Humanistic society

5. 12:20 pm – 12:40 pm (IST) Plenary Lecture 4: Prof. K. K. Deepak, AIIMS, New Delhi
Physiologists role and participation in WHO global action plan for physical activity 2018-2030

6. 12:40 pm – 1:00 pm (IST) Plenary Lecture 5: Prof. Somsath Gangapadhyay, Department of Physiology, University of Calcutta
Health and safety in Indian SMEIs during New Normal Situation.

1.00 pm-1:30 pm (IST) LUNCH BREAK

SESSION C

CHAIRPERSONS:
1. Prof. Savithri, Secretary General, SAAP
2. Prof. Yogesh Tripathy, SMSRH, New Delhi
3. Prof. V P Varshney, WAM, New Delhi

7. 1.30 pm-2.00 pm (IST) Keynote Address 2: Prof. Sinekrk Ayanpetyan, UNESCO Chair, Life Science Yerevan, Armenia
The metabolic driving water efflux from the cell is a fundamental mechanism for metabolic control of semipermeable properties of cell membranes

8. 2.00 pm – 2.20 pm (IST) Plenary Lecture 6: Prof. Maulana Arambawa, Faculty of Medicine, University of Sri Jayewardenepura, Nugegoda, Sri Lanka
Exploring the Tsunami of Disability
**Day 2: 25th March 2021**

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<tr>
<td>1</td>
<td>8:30 am-9:00 am (IST)</td>
<td>Plenary Lecture 13</td>
<td>Prof. Jasimuddin Ahamed</td>
<td>COVID-19 and Cardiovascular Disease</td>
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<td>2</td>
<td>9:00 am-9:20 am (IST)</td>
<td>Plenary Lecture 14</td>
<td>Prof. Sunil Dhunge</td>
<td>Cross talk between Covid and Chemoemensation</td>
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<td>3</td>
<td>9:20 am-3:40 am (IST)</td>
<td>Plenary Lecture 15</td>
<td>Prof. R.V. Kulkarni</td>
<td>Chronic specific responsive drug delivery systems</td>
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<td>4</td>
<td>9:40 am-10:00 am (IST)</td>
<td>Plenary Lecture 16</td>
<td>Prof. Deepthi De Silva</td>
<td>Role of connexins in inner ear function</td>
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<td>5</td>
<td>10:00 am-10:20 am (IST)</td>
<td>Plenary Lecture 17</td>
<td>Prof. G. K. Pal</td>
<td>Dysfunction of Microbiota-Gut-Brain Axis in Clinical Disorders: Role of Sympatho-vagal Imbalance</td>
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<td>6</td>
<td>10:20 am-10:40 am (IST)</td>
<td>Plenary Lecture 18</td>
<td>Prof. Umar Ali Khan</td>
<td>Translational physiology research, clinical practice and public health: A Continuum</td>
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<td>7</td>
<td>10:40 am-11:10 am (IST)</td>
<td>Plenary Lecture 19</td>
<td>Prof. Gautham Azam Khan</td>
<td>Stress induced sterile Inflammation and Infection Resistance: Novel role of Vilein brand Factor</td>
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<td>8</td>
<td>11:10 am-11:30 am (IST)</td>
<td>Plenary Lecture 20</td>
<td>Prof. Samina Malik</td>
<td>First report of Novel PTEN variant in breast cancer from Pakistan: An extropositive variable of diagnostic significance</td>
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<td>9</td>
<td>11:30 am-11:50 am (IST)</td>
<td>Plenary Lecture 21</td>
<td>Prof. Alikumar Nessa</td>
<td>Evaluation of Changes of BMI and serum C-reactive Protein in post-menopausal women</td>
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<td>10</td>
<td>11:50 pm-12:10 pm (IST)</td>
<td>Plenary Lecture 22</td>
<td>Prof. Surendra Chattwijay</td>
<td>Microfluidics based investigation of vascular diseases process</td>
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<td>11</td>
<td>12:10 pm-12:30 pm (IST)</td>
<td>Plenary Lecture 23</td>
<td>Prof. M. B. M. K. Janapol</td>
<td>Study of lung function tests in chronic bronchial asthma with vitamin C supplementation</td>
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<td>12</td>
<td>12:30 pm-12:50 pm (IST)</td>
<td>Plenary Lecture 24</td>
<td>Prof. A. Ray</td>
<td>Nitric oxide (NO) regulates gender based differences in stress susceptibility and adaptation</td>
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<td>13</td>
<td>12:50 pm-1:10 pm (IST)</td>
<td>Plenary Lecture 25</td>
<td>Prof. M. I. Alam</td>
<td>Role of Nitric oxide and Doxorubic in Prostatecancer</td>
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<td>14</td>
<td>1:10 pm-1:30 pm (IST)</td>
<td>Plenary Lecture 26</td>
<td>Prof. Kavita Gulati</td>
<td>Newer insights into the neuromodulatory role of nitric oxide</td>
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<td>1:30 pm-2:00 pm (IST)</td>
<td><strong>LUNCH</strong></td>
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**SESSIONS**

**SESSION E**

**SESSION F**

**SESSION G**

**SESSION H**

**NO and Free radicals**

**SESSION I Neurosciences**

**SESSION D**

**CHAIRPERSONS:**

1. Prof. Charoo Hans, JH, New Delhi
2. Prof. Rahul Arora, VP, Pakistan
3. Prof. Zahid Asraf, JMI, New Delhi
4. Prof. Varma, VC, IPARE Institute, India
5. Prof. R.K. Bhatnagar, JMI, New Delhi
6. Prof. Ahsan, JMI, New Delhi
7. Prof. Meena, JMI, New Delhi
8. Prof. Hadi, JMI, New Delhi
9. Prof. Ashutosh, JMI, New Delhi
10. Prof. Parul, JMI, New Delhi

**Additional Notes:**

- Session D includes a range of lectures and discussions on various topics, such as the relationship of cardiac autonomic dysfunction with iron status in metabolic syndrome patients.
- Session E covers lectures on COVID-19 and cardiovascular disease, cross talk between Covid and chemoemensation, and chronic specific responsive drug delivery systems.
- Session F includes discussions on dysfunction of microbiota-gut-brain axis in clinical disorders and role of sympathovagal imbalance.
- Session G addresses translational physiology research, clinical practice, and public health.
- Session H focuses on nitric oxide and free radicals, with discussions on its role in prostate cancer.
- Session I Neurosciences includes lectures on neurology, physiology, and protein biomarkers in traumatic brain injury management.

**Annual General Meeting of SAAP**

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**Time**

- 2:20 pm-2:40 pm (IST)
- 2:40 pm-3:00 pm (IST)
- 3:00 pm-3:20 pm (IST)
- 3:20 pm-3:40 pm (IST)
- 3:40 pm-4:00 pm (IST)
- 4:00 pm-4:20 pm (IST)
- 4:20 pm-5:00 pm (IST)
- 5:00 pm-6:00 pm (IST)

**Event**

- Plenary Lecture
- Plenary Lecture
- Plenary Lecture
- Plenary Lecture
- Keynote Address

**Speaker**

- Prof. Muhammad Ayub
- Prof. Amal Bera
- Prof. Rizwan Qadri
- Prof. Amit Bandopadhyay
- Keynote Address

**Title**

- Burden of Obesity on the Respiratory System
- Relationship of cardiac autonomic dysfunction with iron status in metabolic syndrome patients
- Cardiovascular autonomic dysfunction in patients with hypo-and hyperlipidostasis
- Prediction of Cardiorespiratory Fitness in Sportspersons and Sedentary Individuals: An Indian Perspective
- Tissue Nanosensorisation for In Vivo Tissue Reprogramming

**ANNUAL GENERAL MEETING OF SAAP**

**Date:** 25th March 2021

**Location:**

- Plenary Lecture 7: Dr. Chandranimali Undugoda, Faculty of Medicine, University of Colombo, Sri Lanka
- Plenary Lecture 8: Prof. Shalina Begum, Bangabandhu Sheikh Mujib Medical University, Bangladesh

**Organizing Committee:**

- Pakistan Physiological Society, Past present and future
- Parinexin-PiX7 receptor-Calcium: a nexus for cell survival and death
- Cardiovascular autonomic dysfunction in patients with hypo- and hyperlipidostasis
- Prediction of Cardiorespiratory Fitness in Sportspersons and Sedentary Individuals: An Indian Perspective
- Tissue Nanosensorisation for In Vivo Tissue Reprogramming