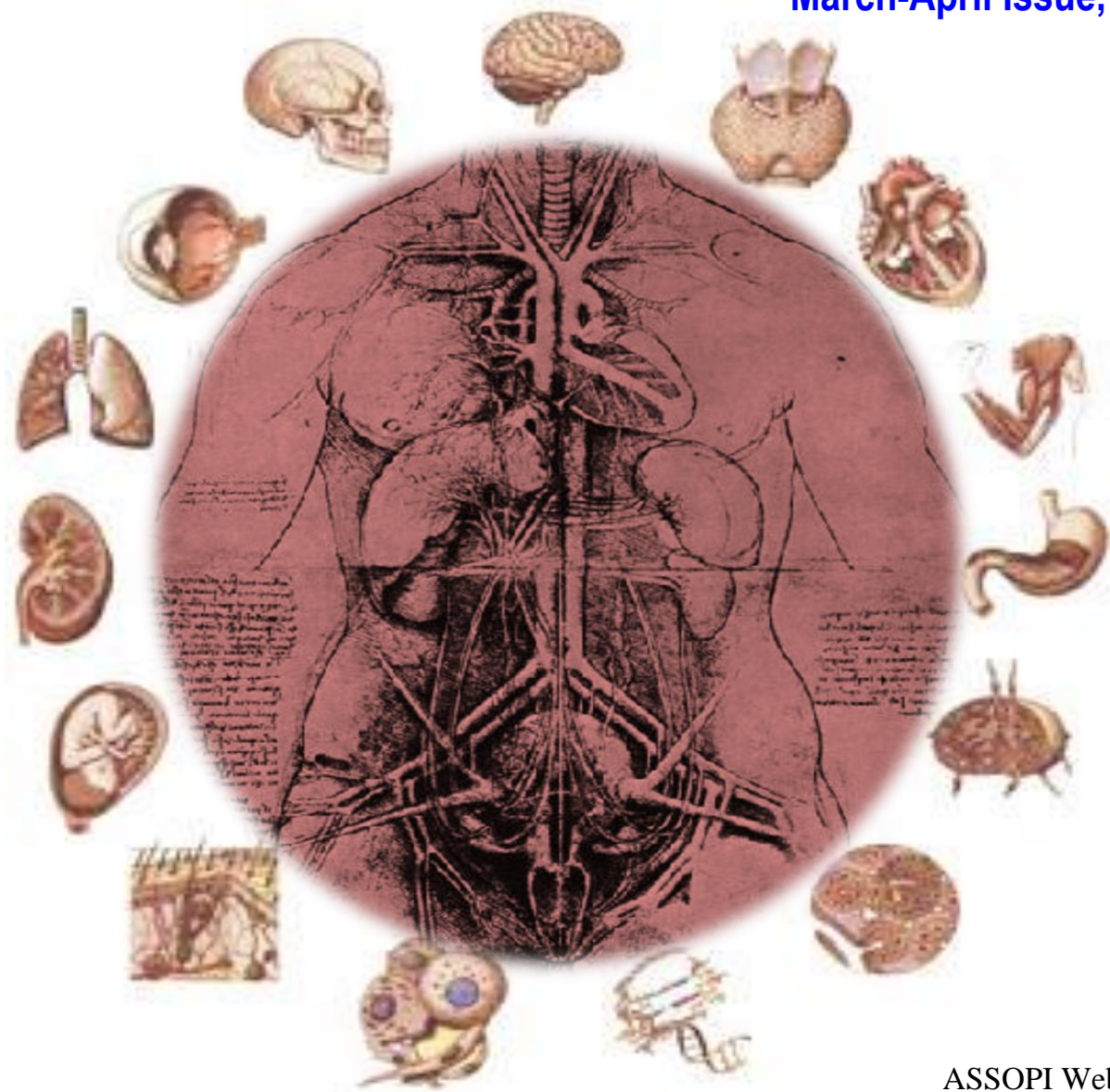


# ASSOCIATION OF PHYSIOLOGISTS OF INDIA (ASSOPI)

(Registered under Act No. XXI of 1860 Registration No. 346/2014)

## ASSOPI NEWS BULLETIN

March-April Issue, 2020



ASSOPI Website:  
[www.assopi.co.in](http://www.assopi.co.in)

Motto of ASSOPI:

*“Preventive and Promotive Physiology”*  
(Physiology for prevention of diseases and promotion of health)

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*PhD Scholar, Office Secretary to General Secretary*

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### **Dr. BINDU M. KUTTY**

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BPS Govt. Medical College for  
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Goa Medical College, Goa

### **Dr. SATISH DIPANKAR**

Associate Professor,  
Department of Physiology,  
AIIMS, Patna, Bihar

## *ASSOPI Webinar – 2020*



## **ASSOPI International Webinar Series**

**On**

**Research and Publications in Physiology**

*Organized by:*

**Department of Physiology,**

**JIPMER, Puducherry - 605 006, INDIA**

**Webinar 1:** Research in Experimental Physiology (with special emphasis on Animal research)

**Webinar 2:** Research in Clinical Physiology

**Webinar 3:** Research in Basic and Molecular Physiology (genomics, proteomics, metabolomics and stem cell research)

**Webinar 4:** Publications in Physiology (how to publish your research data in a PubMed indexed / reputed international journal)

# WEBINAR - 1

## Research in Experimental Physiology (with special emphasis on Animal Research)

**Date:** 22. 05. 2020, (Friday)

**Time:** 2.00 pm - 5.30 pm

### Venue:

JIPMER Telemedicine Studio,

4<sup>th</sup> Floor, JIPMER Academic Center, JIPMER, Puducherry, India.

(**Note:** The JIPMER telecommunication network has wide connectivity and coverage to all the centers / institutes in India and foreign countries)

### Detailed Programme

Time	Topic	Resource Faculty
2.00 – 2.05 pm (5 min)	Inauguration by Lamp Lighting	
2.05 – 2.10 pm (5 min)	Introducing the Speakers	<b>Dr. Y. Dhanalakshmi,</b> Additional Professor of Physiology, JIPMER, Puducherry.
2.10 – 2.20 pm (10 min)	Introduction to the Webinar	<b>G. K. Pal,</b> Professor (Senior Scale), JIPMER, and Dean, Faculty of Medicine, PU
2.20 – 2.35 pm (15 min)	Present scenario of Animal Research in our country and the future scope	<b>Dr. S. B. Deshpande,</b> Professor of Physiology, AIMSR, Chittor, Andhra Pradesh.
2.35 – 2.50 pm (15 min)	How to establish an Animal Physiology Laboratory	<b>Dr. Meenakshi Sinha,</b> Additional Professor of Physiology, AIIMS, Raipur.

2.50 – 3.05 pm (15 min)	Preparing a protocol for Animal Research	<b>Dr. Kalpana. K. Barhwal,</b> Associate Professor of Physiology, AIIMS, Bhubaneswar.
3.05 – 3.25 pm (20 min)	How to conduct the experiments of Animal Research	<b>Dr. Prasunpriya Nayak,</b> Associate Professor of Physiology, AIIMS, Jodhpur.
3.25 – 3.40 pm (15 min)	Ethical issues in Animal Research (including animal handling and disposal).	<b>Dr. Kusal K. Das,</b> Professor of Physiology, BLDE Medical College, Bijapur.
3.40 – 3.50 pm (10 min)	Data Collection & Analysis in Animal Research	<b>Dr. Pravati Pal,</b> Professor and Head, Dept. of Physiology, JIPMER, Puducherry.
3.50 – 4.05 pm (15 min)	Animal Models in Nutrition Research	<b>Dr. Naim A. Khan,</b> Professor of Physiology, and Director, Institute of Nutrition and Toxicology, University of Bourgogne, Dijon, France.
4.05 – 4.25 pm (20 min)	Exotic Animal Models in Experimental Physiology Research	<b>Dr. Thomas M. Ferrari,</b> Assistant Professor of Physiology and Neuroscience, School of Medicine, Oakland University, Rochester, Michigan, USA.
4.25 – 5.25 pm (1 hour)	Question-Answer & Discussion	All participants & Resource faculties
5.25 – 5.30 pm (5 min)	Vote of Thanks	<b>Dr. S. Velkumary,</b> Additional Professor Physiology, JIPMER, Puducherry.

**Note:** The earlier notification of the topics on "Genomics in Physiology" and "Publication of animal data in a journal" have been shifted from Webinar 1 to Webinar 3 and 4 respectively.

## The Organizing Team

1. **Dr. G. K. Pal** – ASSOPI General Secretary & Organizing Chairman of the Webinars
2. **Dr. Pravati Pal** – HoD Physiology, JIPMER, ASSOPI Joint Secretary (South Zone) & Convener of the Webinar Program.
3. **Dr. Ravi Kumar Chittoria** - Registrar (Academics) & Head of IT wing, JIPMER, Puducherry.
4. **Dr. S. Velkumary** – ASSOPI Finance Secretary & Co-convener of the Webinar Program.
5. **Dr. Y. Dhanalakshmi** – ASSOPI Head Quarter Office Secretary & Co-convener of the Webinar Program.
6. **Mrs. Bharathi Balakumar** – Senior Technical Officer, Physiology, JIPMER, and Telemedicine Center.
7. **Mr. Mohamed Ishaq** – Telemedicine Infrastructure & Network Administrator, JIPMER, Telemedicine Center.
8. **Dr. Abirami M** – 2<sup>nd</sup> Year MD Resident & Technical Coordinator
9. **Ms. A. Sirisha** – ASSOPI Office Secretary (1), PhD Scholar & Technical Coordinator.
10. **Ms. M. Renugasundari** – ASSOPI Office Secretary (2), PhD Scholar & Technical Coordinator.

### National Advisors:

1. **Dr. Narsingh Verma** – President, ASSOPI
2. **Dr. Shripad B. Deshpande** – Immediate Past President, ASSOPI
3. **Dr. B. S. Shankaranarayana Rao** – Vice President (South Zone), ASSOPI
4. **Dr. Hemant B. Mehta** – Vice President (West Zone), ASSOPI
5. **Dr. Latika Mohan** – Vice President (North Zone), ASSOPI
6. **Dr. Raj Kumar Yadav** – Editor-in-Chief, ASSOPI Journal
7. **Dr. Hasmukh Shah** – Joint Secretary (West Zone), ASSOPI

8. **Dr. Rajeev Sharma** – Joint Secretary (North Zone), ASSOPI
9. **Dr. Rituparna Barooah** – Joint Secretary (East Zone), ASSOPI

### How to join the Webinar (For Participants):

1. Download and install Zoom Cloud Meetings App in your desktop/ laptop/ android mobile/ Apple using the below link  
<https://zoom.us/support/download>
2. Click 'Zoom icon' in your system.
3. Click 'Join a meeting'.
4. After registration of participation in Webinar, enter Zoom meeting ID given to you and enter your Name and Registration ID and click 'Join'.
5. After joining, you can test your mike, speaker and camera.
6. Click 'Join with video' or 'Call via device audio'.
7. After joining the meeting put your mike in 'Mute'.
8. You are requested to join 15 minutes before the Webinar.

### ***Instructions for Question-answer and discussion:***

1. Post your questions in 'chat box' available in the App.
2. Click 'Raise hand' option if you wish to ask question, then you will be unmuted.

### Instructions to the Resource Faculty

1. Download and install Zoom Cloud Meetings App in your desktop/ laptop/ android mobile/ Apple using the below link  
<https://zoom.us/support/download>
2. Click "Zoom icon" in your system.
3. Click "Join a meeting"
4. After registration of participation in Webinar, enter Zoom meeting ID given to you and enter your Name and Registration ID and click 'Join'.
5. After joining, you can test your mike, speaker and camera.
6. Click 'Join with video' or 'Call via device audio'.



7. After joining the meeting put your mike in 'Mute'.
8. You are requested to join 15 minutes before the Webinar.

***Instructions to deliver your talk/presentation:***

1. During your session, your presentation (PPT) given to us will be shared from our end. PPTs can be mailed to us 2 days before the Webinar rehearsal.
2. Unmute your mike and start speaking when you are asked to present.
3. When you want to change your next slide say 'next', then your slide will be changed by us.
4. You are requested to contact our Technical Team (Mr. Mohamed Ishaq, Mobile: 9751590265; or Mrs. Bharathi Balakumar, Mobile: 9489146567) for any technical queries, before rehearsal.
5. You are requested to join for rehearsal on 20<sup>th</sup> May, 2020 between 3.00 to 3.30 PM for Indian Speakers. The rehearsal timing for abroad speakers will be decided according to their availability.
6. A WhatsApp group exclusively for all the resource faculty will be made for close interaction and effective implementation of the programme.

**How to register for the Webinar:**

For participation in the Webinar, the registration is a must. The interested members of ASSOPI and other (non-members) Physiologists can register.

The **Certificate of Participation** will be issued to all the registered delegates. The name to be depicted in the certificate will be exactly the name written in the Proforma / Format, as given below.

The **registration is free** for all the ASSOPI members and non-members for this Webinar on Animal Research (for Webinar 1 only).

**Last date and time of registration: 18<sup>th</sup> May, 2020, 5 PM**

The **Registration Format** is given below.

<b>Participant details for Webinar registration</b>	
Name (in CAPS)	
Designation	
Institute	
Email ID	
Mobile No.	
ASSOPI Life Membership No. (if you are a member of ASSOPI)	

The **filled-in format** of registration [in word file](#) for the Webinar should be sent to the following email address.

**Note:** The participants can type the above mentioned format in word file and send to us, to enable us to copy and paste their name and designation from this format to the certificate to be prepared for them, to avoid typographical error in the certificate.

**[Request of registration to be sent to the following mails:](#)**

[renu231994@gmail.com](mailto:renu231994@gmail.com) with a Cc to [siribangaram2020@gmail.com](mailto:siribangaram2020@gmail.com) and [drqkpal@gmail.com](mailto:drqkpal@gmail.com)

**Special Note:** It is requested that the registered participants do not share the Zoom ID and password with others who have not registered for this Webinar, for logistic and security reasons.

**For any further query, please contact:** (through WhatsApp message or E-mail)

1. Dr. G. K. Pal, Organizing Chairman,

WhatsApp No: +91 - 93442 91160; E-mail: [drqkpal@gmail.com](mailto:drqkpal@gmail.com)

2. Ms. M. Renugasundari, Technical Coordinator,

WhatsApp No: +91 - 82207 03908; E-mail: [renu231994@gmail.com](mailto:renu231994@gmail.com)

We welcome all to join this ASSOPI International Webinar on Research in Experimental Physiology (with special emphasis on Animal Research).

**Dr. Pravati Pal**  
Convener

**Dr. S. Velkumary**  
Co-convener

**Dr. Y. Dhanalaksmi**  
Co-convener

**Dr. G. K. Pal**  
Organizing  
Chairman

## **ASSOPICON – 2020**

The 7<sup>th</sup> Annual Conference of Association of Physiologists of India (ASSOPICON 2020) is scheduled to be organized by Dept. of Neurophysiology, NIMHANS, Bangalore, Karnataka, and it was informed earlier that the conference will be held from **14<sup>th</sup> to 17<sup>th</sup> September, 2020**.

However, due to prolonged national lockdown for COVID-19, there may be change in the schedule of the conference. The details of the schedule (if any change) will be intimated later.

Also, the announcement for **nomination of ASSOPI awards and election of EC/OB members** will be notified along with the detailed schedule of the conference.

## ***Official Journal of ASSOPI:***

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### **The Journal of Physiology & Health Care Medicine**

The ASSOPI members are requested to send their articles (original research articles/ review articles/case reports/short communications/ letters to editor/ guest editorials) for our proposed journal, 'The Journal of Physiology & Health Care Medicine'.

Please send your articles at [assopijournal@gmail.com](mailto:assopijournal@gmail.com)

#### **About the Journal**

Journal of Physiology & Healthcare Medicine (JPHM), an official Journal of Association of Physiologists of India (ASSOPI), is a peer-reviewed online journal with three issues per year (January-April, May-August, September-December), and print on request only. The journal allows free access (Open Access) to its contents and permits authors to self-archive final accepted version of the articles. The journal does not charge for submission, processing or publication of manuscripts and even for colour reproduction of photographs. JPHM follows double-blind peer review process.

## **Scope of the Journal**

The Journal of Physiology & Healthcare Medicine (JPHM) publishes quality research papers in Physiology & Healthcare that may have clinical applications in medicine with better understanding of human physiology. The journal is also open to new and innovative research methodologies that would benefit Healthcare.

## **Subjects covered in the Journal**

Primarily Physiology & Healthcare Medicine-related topics including Endocrinology, Neurophysiology, Cardiovascular Physiology, Gastrointestinal Physiology, Respiratory Physiology, Molecular and Genomic Physiology, Exercise Physiology, Nutrition, Sports Physiology, Space Physiology, Behavioural Medicine, Reproductive Physiology, Ophthalmic Physiology, Bone & Muscle Physiology, Lifestyle and Stress, and Yoga.

**Special Note of Request:** Though the intimation was sent in the previous news bulletin for submission of research articles to the Editor-in-Chief, till date the editorial office has not received adequate number of papers for publication of the 1<sup>st</sup> issue. Therefore, ASSOPI members are requested to send their quality research papers to ASSOPI journal at the earliest possible.

## ***Change of WhatsApp group of ASSOPI to Telegram group:***

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The official WhatsApp group of "ASSOPI Life Members" has exceeded its upper limit. Though it shows 256 participants, it has actually 365 members in this group. Now it does not take up addition of new members into this WhatsApp forum. As our membership is

above 400 and many more will be joining soon, it was proposed that we start the 'Telegram forum' for members, in addition to the current ASSOPI WhatsApp group. In Telegram, about 2,00,000 can be added in the group and there are many advantages and additional features in Telegram.

Therefore, a Telegram group "ASSOPI Official Forum" has been made for all the Life members. For this to be made fully operational, all have been requested to join the group.

### **How to join Telegram group:**

Install Telegram app in your mobile. And then, please intimate to these two mobile/WhatsApp numbers (Sirisha 9489332439, Renugasundari 8220703908) that you are in Telegram, which will enable us to immediately add you to the new Telegram group.

### 21 hospitals in India selected by ICMR for plasma trials

21 hospitals had been finalized by the Indian Council of Medical Research (ICMR) to initiate clinical trials for convalescent plasma therapy, which uses antibodies from the cured patient's blood, to treat critically ill coronavirus patients. Many of these hospitals chosen are in Maharashtra.

ICMR has selected 5 hospitals in Maharashtra, 4 hospitals in Gujarat, 2 hospitals each in Rajasthan, Tamil Nadu, Madhya Pradesh and Uttar Pradesh, and one hospital each in Punjab, Karnataka, Telangana and Chandigarh to initiate the clinical trials. The plasma therapy includes drawing out whole blood from a COVID-19 recovered patient and separating the plasma. Around 400 ml plasma is drawn out from one person and can be used to treat two patients.

Out of the 5 hospitals in Maharashtra, 2 are in Pune, 1 in Mumbai, 1 in Nagpur and 1 in Kolhapur. Sir H N Reliance Foundation Hospital and Research Centre of Mumbai are been chosen for these trials. The multi-centre trials are to be conducted on 452 patients across centers.

The project of ICMR's is named as PLACID - 'Phase-II Open Label Randomized Controlled Trial to Assess the Safety and Efficacy of Convalescent Plasma to Limit COVID-19 Associated Complications in Moderate Disease'. The study has already received approval from the COVID-19 National Ethics Committee (CONEC) last week.

On 29th April, the health ministry had labelled as "illegal" of any use of the therapy beyond clinical trials.

### Blood thinners may boost survival rates of Covid-infected patients:

As per the Washington report published in the American Journal of Cariology on May 6<sup>th</sup> 2020, a study conducted over 2,733 Covid-infected patients says treating these patients with blood thinners may help in boosting their prospects for survival, according to preliminary findings from physicians at New York City's largest hospital system that offers another source of hope in treating the deadly infection.

These observations were based only on a review of medical records and that more rigorous and randomised studies are needed to draw broader conclusions. Since March, when coronavirus hit Europe and the United States, doctors have been reporting mysterious blood clots, which can be gel-like or even semisolid, in a significant subset of coronavirus patients. Autopsies of patients who died of respiratory arrest have shown that some had unusual micro clots in their lungs rather than the typical damage expected.

Last month, doctors reported in the New England Journal of Medicine on five unusual cases of Covid-19 positive people in their 30s and 40s experiencing large strokes. The Mount Sinai study focused on hospitalised patients who were treated from March 14 to April 11. Among the patients, those who were not on ventilators and treated with blood thinners died at similar rates in comparison to those who did not receive blood thinners. But the group of patients who received blood thinners lived longer -- a median of 21 days compared to 14 days, the study said.

For patients on ventilators, the difference was more significant. About 63 per cent of patients who did not receive the medications died compared with 29 per cent who received the treatment. Another critical finding of the study was that giving blood thinners to these patients appeared to be relatively safe. There was not a significant difference in the most dangerous side effect of anticoagulants 'bleeding' in those who were on the drugs and those who were not. A number of medical societies, including the International Society on Thrombosis and Haemostasis and the American Society of Hematology, have put out guidance recommending the use of blood thinners for some Covid-19 patients, but the advice has taken a conservative approach.

# Join ASSOPI

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## **Membership Form**

Any person having a bachelor or postgraduate degree in Physiology or allied sciences can become a member of ASSOPI. Students pursuing PG course in Physiology or allied subjects are also eligible to become ASSOPI members.

Membership Fee: Annual Membership – Rs. 500/- and Life Membership – Rs. 3000/-

**Name:**

**Date of Birth:**

**Educational Qualification:**

**Present Designation and Institute:**

**Field of Interest:**

**Address for communication:**

**Pincode:**

**E-mail:**

**Mobile:**

**DD Number:**

**DD Date:**

**Name of the Bank & Branch:**

**Upload scanned DD copy:**

**Address to send DD:**

Application can be filled and submitted online in ASSOPI website: [www.assopi.co.in](http://www.assopi.co.in). However, DD of membership has to be sent by speed-post to the address given below.

Pay by demand draft drawn in Favour of 'ASSOCIATION OF PHYSIOLOGISTS OF INDIA' Payable at 'Puducherry' and send it to:

Dr. G.K. Pal,  
General Secretary, ASSOPI,  
Senior Professor, Dept. of Physiology,  
1st floor, JIPMER Academic Center,  
JIPMER, Puducherry- 605 006

**OR, for new membership registration by online transfer of money to ASSOPI Account directly:  
General Secretary or Office Secretary to General Secretary may be contacted through his/her e-mail ID.**

Note: Kindly mention your individual name(s), college/institute name with contact number on the backside of Original Demand Draft while despatching the DD to above address.