

Association of Physiologists and Pharmacologists of India
(Registered under Act XXI of 1960)



APPI News Letter
September 2007
Number 2



Let's take Physiology from lab to bedside



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Lucknow

Number 2

September 2007

Dear Friends

Greetings! I invite you on behalf of the organizing secretary APPICON 2007, Prof. Swaroopa Rani, to participate in the conference to be held on 27-30 Dec 2007 at Visakhapatnam. Several leading scientists in the field of Physiology and Pharmacology of national and international repute are expected to participate. Since this is the last letter before the conference every detail about orations, awards, elections, subsistence allowance and other important information are being conveyed to you through this newsletter.

I am thankful to the APPI local branch officials who have communicated their branch activities and achievements to me, which I am very proudly publishing here. I urge the other branches who could not communicate these details so far, to do so in the near future. Also please continue sending me personal achievements for publishing in the newsletter. The email, phone and contact address of members help in keeping the address-book updated and facilitates communication with all members. I am thankful to those who have sent the same to me.

The dates for the pre-conference programmes (Workshop on Yoga & CME) and the annual meeting of APPI (APPCON 2007) are respectively 27 and 28-30 December 2007. You may contact the conference organizing secretary Prof Swaroopa Rani, HOD Physiology, Andhra Medical College, Visakhapatnam- 530001 (AP). You can also visit the APPICON conference website, <http://www.appicon2007vsp.com>. Kindly make it a commitment to attend the conference.

I wish to convey my heartiest congratulations to the newly elected office bearers of the local branches of APPI and to esteemed members of APPI who have been honoured and awarded this year.

Wishing you a very happy and fruitful annual meet at Visakhapatnam.

Yours truly,
PROF. U.S. PANDEY

PLEASE NOTE

1. Those Annual Members who have not paid their annual subscription for the year 2007, should pay the same to **Prof. H.N. Malik**, Finance Secretary, APPI (address given on page 3).
2. Fellow Life Members are requested to motivate the new entrants of their department to become Life Member of the association. The form and desired information for becoming Life/Annual Member is printed on the last page.
3. Those Life Members who have not received their life membership certificate or who need a change in their mailing addresses may write to the General Secretary, APPI and simultaneously to the Executive Editor, Dr. D. Ghosh and Executive Officer Mr. R.L. Gupta on the address given below.
4. **Members are hereby requested to give their mailing address, telephone numbers (land line & mobile), and e-mail address for communication and correspondence purposes. These will also be required for updating the APPI directory (in progress at the moment).**
5. Those members who have not received the copies of Indian Journal of Physiology and Pharmacology, are advised to write to Dr. D. Ghosh, Executive Editor, IJPP and/ or Sri RL Gupta, Executive Officer, IJPP.

Address of the General Secretary, Executive Editor, Finance Secretary & Executive Officer, APPI

Dr. US Pandey, General Secretary, APPI, 19/333, Indira Nagar, Lucknow – 226 016 (UP);
Phone: (0522) 2716011, Mobile 9415029729; Email: uspandeygeorgian@yahoo.com/
narsinghverma@hotmail.com/ onkar_t@yahoo.com

Dr. D. Ghosh, Executive Editor, IJPP, Department of Physiology, AIIMS, New Delhi – 110 029, e-mail: dghosh_57@hotmail.com, Phone: 011-26594625

Dr. H.N. Malik, Finance Secretary, APPI, Department of Physiology, AIIMS, New Delhi - 110 029.

Sri RL Gupta, Executive Officer, IJPP, A/3 Ashoka Enclave, Peergarhi Chowk, Rohtak Road, New Delhi – 110 087.

APPI ORATIONS AND AWARDS FOR THE YEAR 2007

1. Maj. Gen. S.L. Bhatia Oration Award given to an Indian Scientist of eminence who would have substantially contributed to the research and development in the field of Physiology or allied sciences through outstanding research work carried out primarily in India.
2. Prof. Baldev Singh Oration Award for recognition of outstanding work carried out in the field of Neurophysiology/ Neurosciences.
3. M.L Gupta prize in Medical Education and Technology for recognition of substantial contribution to Medical Education and Technology with special reference to Physiology / Pharmacology / Allied Sciences in India.
4. B.K. Anand Research Prize for the best paper in Physiology.
5. C.L. Malhotra Research Prize for the best paper in Pharmacology.
6. Dev Raj Bajaj Research Prize in Techniques/Instrumentation for the best paper on the development of newer Techniques / Instrumentation in Physiology / Pharmacology / Allied Sciences submitted to General Secretary.
7. H.H. Loescheke Research Prize in Techniques / Instrumentation for the best paper in Respiratory Physiology.
8. A.V. Tilak Parvathy Devi Prize for the best paper submitted in Endocrinology / Neuroendocrinology.
9. Dr. Shushila Thakur Prakruti Mandir Prize for research investigations in the field of natural health, naturopathy and yoga.
10. Prof. R.C. Shukla oration Award for the best paper in Cardiovascular Physiology.
11. Prof. Puthuraya Award for the Best Teacher in Physiology.
12. R. Srinivasan Prize for the best paper presented by a P.G. student during the Annual conference of APPI.
13. Harish Gupta Prize for the best paper presented by an U.G. student during the Annual conference of APPI.

Conditions

1. All the Awards and Prizes are meant for the LIFE MEMBERS of APPI only, except R. SRINIVASAN and HARISH GUPTA Prize, for which the candidate should have enrolled oneself as an Annual Member/Life Member.
2. **Papers/Biodata/Nominations for Awards and Orations from Sr.No. 1 to Sr.No. 11 in the above list should reach the General Secretary, Dr. U.S. Pandey on his residential address 19/333, Indira Nagar, Lucknow – 226 016 on or before 30th October 2007 in 3 sets of printed documents (and 3 CDs if possible). Applications received after this date will not be entertained. It is desirable that the documents, etc. also be sent by e-**

mail to email id: uspandeygeorgian@yahoo.com so that under no circumstances it fails to reach the General Secretary or is delayed in ordinary mail.

3. For the best paper on Sr.No. 12 and 13 i.e. R. Srinivasan Prize and Harish Gupta prize, documents are to be sent directly to the organising secretary, APPICON2007 on her address: Prof Swaroopa Rani, HOD Physiology, Andhra Medical College, Visakhapatnam - 530001 (AP). These documents should reach the organizing secretary on or before 10th November, 2007. Applications received after this date will not be entertained.
4. The applicant should not have received any Prize for the same work / paper in the past, from any other organization. The applicant should enclose a certificate to this effect. However, this is not applicable for awards No. 1,2,3 and 11.
5. Nominations for Awards No. 1, 2, 3 and 11 should include the Bio-data of the nominee, duly proposed and seconded by two life members of APPI, list of references and consent of the nominee.
6. Applications for the award No. 4 to 10 should be based on the original work conducted preferably in India / recently published / under publication. Where there are multiple authors, others must nominate the proposed author for the award based on the major quantum of the work done by the applicant.
7. Prof. R.C. Shukla Award will be given for the best paper published/ accepted for publication in Cardiovascular Physiology. There is no age bar but the applicant should be a Life member of APPI. The paper submitted for this award should be the original work conducted by the scientist in India/Abroad and should not have received any other Award/Prize for the same work.
8. For Prof. Puthuraya Oration Award, interested teachers in Physiology who are the life members of APPI may send their consent letter, duly proposed and seconded by two life members of APPI, along with his/her professional profile as a teacher. The profile should include Educational qualification, number of years of teaching experience (U.G./P.G.), classes taught (U.G./P.G./Ph.D), Awards / Honours received, number of books authored and number of papers published, conferences, workshops, seminars attended at the National and international level. The Proposer/ Secunder should also send the names and addresses of at least nine students (Former/ Present) of the teacher who can be contacted for a confidential assessment of their teacher through a questionnaire specially prepared for the said purpose.

Procedure for selection and award presentation

1. *Procedure for all awards/ nominations from Sr. No. 1- Sr. No. 11:* A panel of judges will be constituted by the General Secretary to assess various nominations/ papers. The judges will be senior Scientists/ Professors with outstanding academic career and experiences in that particular specialty and they shall not be from the same institution from where there are applicants for that particular Award. Overall consensus of the judges will be final.
2. *Procedure for R. Srinivasan and Harish Gupta Prizes:* The organizing secretary will arrange a separate scientific session for these papers and a panel of judges constituted by the General Secretary would assess these papers during their presentation. However, in view of large number of entries for these two prizes it becomes extremely difficult to arrange for their presentations on a single day and get them assessed by a single panel of judges. It was, therefore, decided in the previous General Body that the applicants for R. Srinivasan Prize & Harish Gupta Prize should send THREE SETS of their FULL LENGTH papers and NOT THE ABSTRACTS alone to Prof Swaroopa Rani, HOD Physiology, Andhra Medical College, Visakhapatnam - 530001 (AP) Whenever the number of papers submitted for the said prize exceeds ten, they will be short listed to the best ten papers after scrutiny by a scientific committee constituted by the Organizing Secretary of the conference. Only the best ten short-listed candidates will be permitted to present their papers during the conference for final selection. The winners will be awarded their prizes during the valedictory function of the Annual conference of APPI.

3. All the Award / Prizes of APPI will be decided in the same year and the winners of various Awards and Prizes except award No. 12 and 13 will be informed well in advance by the General Secretary. They will be presented, their Awards / Prizes during the Inaugural/Valedictory function of the Annual Conference of APPI the same year. If any Award / Prize winner is unable to receive his/her Award/Prize in person and present his/her paper during the conference, due to unavoidable circumstances, the said Awards/Prize will be retained in the office of APPI for one more year and will be handed over to the concerned winner during the APPI Annual conference of the subsequent year after the presentation of the said paper.
4. All the Award/Prize winners will be presented a Memento and a Certificate from the APPI but no TA/DA. However they can apply for a subsistence allowance from APPI provided they are not getting any financial assistances from any other sources. The subsistence allowance shall be to and fro second class train fare from the place of their work to the city of the conferences. Payment of TA/DA and providing local hospitality to the Award winners is optional on the part of the organizers of the conference, depending upon their financial position.
5. All the Award/Prize winners are requested to receive their Award/Prize IN PERSON and deliver their oration or present their paper during the Annual conference of APPI of the same year.
6. If no paper is found suitable for a particular Award/Prize, there will be no Award in that year.
7. The selected paper, if not already published will be published in IJPP. In such case, the paper submitted for publication should not contain more than 2500 words.
8. Canvassing of pressurizing for an award will be treated as demerit for the contestants.

Best Branch Award

Nominations for the Best Branch Award should reach the General Secretary, APPI by 15th November 2007 at the address given on page 3 of this newsletter. The Local Branch Secretaries should send these nominations with a list of activities organized by their branch during the year 2006.

SUBSISTENCE ALLOWANCE

APPI has a subsistence allowance fund to provide financial assistance to those young Life Members of APPI who have registered for the Annual Conference and have a paper to present during the conference, provided they are not getting any financial assistance from other sources. This subsistence allowance, will be awarded once only to a member and will be to the extent of a second class to and fro train fare from the place of working to the city of the conference. The applications may be submitted to the Finance Secretary, APPI. Dept. of Physiology, AIIMS, New Delhi- 110 029 (see address on page 3), before the Annual conference duly forwarded and recommended by the Guide who should be a Life Member of APPI.

IJPP Website

You can visit the IJPP website at www.ijpp.com which is being kindly maintained and updated by Dr. Debabrata Ghosh out of his own resources. For conference details you can visit website <http://www.appicon2007vsp.com>.

Important Note

All the office bearers of various chapters of APPI must send their mailing address, mobile and phone number(s) and e-mail address, especially that of the Branch President and Branch Secretary to Prof. U.S. Pandey, General Secretary, APPI, Department of Physiology, King George's Medical University, Lucknow or to the following e-mail addresses: uspandeygeorgian@yahoo.com/ narsinghverma@hotmail.com/ onkar_t@yahoo.com

LETTER FROM THE MEMBERS OF APPI

A letter from Prof. Suresh Babu has been received by me and is reproduced below. Please send me your response for incorporation in the future issues of the newsletter.

Sir,

Physiology forms the basis of Medical Practice and the hub for studying diet and drugs, work and athletic performance, ergonomics of tools and workspaces, etc. In the recent years Physiology is losing its prime position among life sciences due to exciting advances in molecular and cell biology and molecular genetics. In another change Genetic Determinism is giving way to Environmental Control of life processes. Metabolic, bioelectric, bio-electronic, piezo-electric, bio-photonic energy systems are operating at levels of the cell membrane receptor-effector units (REUs). These energies from the tiniest of molecular elements of REUs interplay at various planes of subcellular to organ systems. It may even go well beyond the physical body and can influence environmental and societal planes. Several elusive and mysterious processes like mind, memory, thought, behaviour, consciousness, ESPs, spirituality etc. which can cause perturbations in the living milieu altering behavior and causing evolution are yet to be explained **(where are we with our conventional teaching of Physiology?)**

Hence, an urgent need to reengineer Physiology as an Integrative Physiology is felt by the Physiology Section of the 86th Session of Indian Science Congress (2007) and mooted the establishment of National and Regional Institutes of Physiological Congress to develop as centers of excellence with specialized facilities to carry out multidisciplinary research, postgraduate and doctoral training and to integrate with newer disciplines like Cell and Molecular Biology, Genomics and Proteomics, Neurobiology, Neuroimmunomodulation, microbiology, Mathematical and Computer Modeling, etc. **Do we need it? What will be the locus standi of medical physiologists there?**

Instead let me share some of my thoughts and suggestions to change our status. Anatomy is static and stable. It will remain as such. Biochemistry is a clinically oriented subject and will flourish in the realm of clinical medicine. The problem is faced only by Physiology. Why? Ours is an ever changing and the most dynamic field. But we in third world countries never bothered to imbibe these advances sincerely. So we have to change our aspirations and priorities at least now to strengthen the position of Physiology hereafter (expecting a hot debate on this subject):

1. All medical physiologists must practice Clinical Medicine seriously and continue teaching Physiology in the clinical set up. One year initial core training for MBBS students will continue as on now. But the medical physiologists will have to work in clinical departments. MD (Physiology) training has to be modified accordingly.
2. The non-medical physiologists will lead the research programmes, lectures and practicals of basic physiology during the one year initial core training of medical students. Clinical practicals and related lectures will be handled by medical physiologists only.
3. All physiologists must imbibe the essentials of the newer related subjects and integrate with them.
4. Prune down the Undergraduate syllabus to the optimum utility for clinical practice.

Dr. N. Suresh Baboo,
Professor of Physiology,
Jubilee Mission Medical College & Research Institute,
Thirur – 680005 (Kerala).

AWARDS AND HONOURS

- **Prof. O.P. Tandon** was awarded INDIRA GANDHI AWARD for excellent performance in the field of Basic medical sciences by Indian Medication Association for the year 2006 on 19th Nov., 2006 (Birth anniversary of Late Mrs Indira Gandhi).

- **Dr. G.K. Pal**, Professor of Physiology of JIPMER, Pondicherry, and Secretary of Pondicherry Chapter of APPI has been elected as **Editor-in-Chief** of the journal "**Biomedicine**", the official publication of Indian Association of Biomedical Scientists (IABMS), for a tenure of three years, 2007-2008. Dr. Pal has been elected for the post by the general body of IABMS, held at Rajiv Gandhi Center for Biotechnology, Trivandrum, on 26th November, 2006, during the 26th Annual Conference of IABMS. Biomedicine is a tri-monthly journal that publishes all original works in the field of biomedical research. Physiology and Pharmacology being the important components of Biomedicine, members of APPI are hereby requested to submit their papers to Dr. Pal for publication in "Biomedicine". Dr. Pal may be contacted at: gopalpravati@sify.com.

Branch Activity Reports

Ludhiana Branch



A one day symposium was organized on 27th July 2007 by department of Pharmacology, Christian Medical College, Ludhiana under leadership of Dr Dinesh Badyal. The symposium ("Boning up on Osteoporosis") was inaugurated by Dr John Abraham, Principal, Christian Medical College. It was attended by 50 delegates (Faculty and Postgraduates) from pharmacology and physiology departments of Dayanand Medical College, BJS Dental College and Guru

Angad Dev University, Ludhiana. Dr. Vikas Modgil, Dr. Samuel. S. Singh and a renowned endocrinologist Dr. Jubbin J Jacob were the speakers. Dr. Jubin was highly appreciated to illustrate the link between physiological changes, pathological changes in osteoporosis and their management. The symposium concluded with general body elections of Ludhiana branch. Elections for various posts of office bearers were held. The cohesiveness of Ludhiana branch was represented by unanimous election of the office bearers of the Branch. Dr SC Chopra, Dean and Professor & Head, Department of Pharmacology, Dayanand Medical College was elected President, Dr. Lily Walia, Professor & Head, Department of Physiology, Dayanand Medical college was elected Vice President, Dr. Dinesh K Badyal, Associate Professor and Acting Head, Department of Pharmacology, Christian Medical college was elected as General Secretary, Dr. Gagandeep, Associate Professor, Department of Pharmacology, Christian Medical college was elected as treasurer of APPI, Ludhiana branch. Dr Sheena Singh, Professor & Head, Department of Physiology, Christian Medical college and Dr S Kaushal, Associate Professor, Department of Pharmacology, Dayanand Medical college were elected as representatives to central executive member.

BELGAUM BRANCH

A CME was organised at Department of Physiology, J.N. Medical College, Belgaum through APPI Belgaum Branch. CME from APPI Belgaum branch was inaugurated by Dr. V.D. Patil, Principal, J.N. Medical College, Belgaum on 7th July, 2007. About 60 members, from Department of Physiology, Department of Pharmacology, JNMC, Belgaum, Pharmacy College, Belgaum, BIMS College, Belgaum, BLDE College, Bijapur and JJMC, Davangare attended the CME. Dr. Prakash Rao, Professor of Physiology, KMC, Manipal delivered the Guest Lecture on "Intestinal Transport" Research Methodology. He discussed about transport of sodium, potassium and calcium ions across the intestinal membrane. An introduction to Yoga was given by Dr. R.N. Raichur, Associate Professor of Physiology, J.N. Medical College, Belgaum. Yoga Techniques were demonstrated by Sri Neelkantannavar, M.G., Yoga Lecturer from Hubli. He demonstrated different types of Asanas and Yogas and explained how they are effective for

maintaining the mind and body balance. In another guest lecture by Dr. (Mrs) Rekha Patil, Associate Professor, Department of Medicine, JNMC, Belgaum, on the topic "Pathophysiology of Diabetes Mellitus and its Management", history of insulin, various types of insulin and complications of diabetes mellitus were well explained. The concluding function was chaired by Dr. R.G. Latti, President along with Dr. S.I. Majagi, Secretary, Dr. P.A. Patil, Professor & Head, Pharmacology and Dr. Prakash Rao, Professor of Physiology, KMC, Manipal on the panel. The function concluded with the vote of thanks by Dr. S.I. Majagi.



LUCKNOW BRANCH

Lucknow branch organised All India Physiology Quiz competition in which 9 teams from different parts of country participated. The KGMU team stood first while 2nd position was secured by Era's Lucknow Medical College.

7th Prof. R.C. Shukla Oration was organised by Department of Physiology and Lucknow branch of APPI on 7th July, 2007. Prof. Ved Prakash Mishra, V.C. Datta Megha Institute of Medical Sciences took the oration. His lecture on PG medical Education was well attended and widely appreciated by senior and junior doctors and members of APPI.



MEERUT BRANCH

Dr. Jyoti Kumar has informed that Meerut Branch of APPI at Subharti Medical College has organised a CME-cum-workshop on Medical Education.

Appeal

All the members are requested to suggest the names of senior scientists for the panel of judges for various awards of APPI. You should write their complete names and addresses with telephone number and e-mail. Mail your suggestions to: [uspandeygeorgian@yahoo.com/](mailto:uspandeygeorgian@yahoo.com) [narsinghverma@hotmail.com/](mailto:narsinghverma@hotmail.com) onkar_t@yahoo.com

All the branch executives are requested to mail their branch activities regularly.

FORTHCOMING EVENTS

- The 95th Indian Science Congress with a focal theme "Knowledge Based Society Using Environmentally Sustainable Science And Technology" is scheduled to be held on 3rd to 7th January 2008 at Andhra University, Visakhapatnam. More details can be had from <http://www.sciencecongress.org>.
- The XIX Conference of Physiological Society of India will be held during December 6-8, 2007 at Department of Therapies and Health Science, Faridabad Institute of Technology, Manav Rachna Educational Institutions, Sec-43, Surajkund Badhkal Road, Aravalli Hills, Faridabad -121003, Haryana. Last date for submission of Abstracts: 30th Sept., 2007. Interested persons may write to Dr. G.L. Khanna at the above address or e-mail to gikhanna@gmail.com.

Application for the post of General Secretary APPI

The term of the present General Secretary expires on March 31, 2008. Nomination for this post is hereby invited from the life members of APPI. Interested members may send their nomination duly proposed and seconded separately by two life members of APPI along with their consent form in the format given below to the General Secretary on or before November 30, 2007. The last date for withdrawal of names will be December 15, 2007. Application forms should be sent through Registered mail/ courier/ Speed Post (Not by ordinary mail) to Dr U.S.Pandey, 19/333 Indira Nagar, Lucknow and a copy of the same to be sent by email to uspandeygeorgian@yahoo.com.

Election, if required, will be held during the General Body meeting of APPI scheduled to be held on 29th December 2007 at Andhra Medical College, Vishakapatnam.

Nomination Form

I by name Dr..... a Life /Annual Member of APPI hereby propose/ second the name of Dr working asat for the post of General Secretary, APPI for a period of 3 years ie from 01-04-2008 to 31-03-2010.

Place:

Signature

Date:

Name and Address

Consent Form

I by name Dr a Life/ Annual Member of APPI hereby give my consent for consideration of my name for the post of General Secretary APPI, for a period of 3 years ie from 01-04-2008 to 31-03-2010.

Place:

Signature

Date:

Name and Address

APPICON'2007

PHYSIOLOGY FROM LAB TO BEDSIDE !

MESSAGE

Dear Friends,

Greetings from Visakhapatnam City on behalf of APPICON'2007. As the Organizing Secretary of the 53rd Annual Conference of APPI, it gives me immense pleasure to invite you to actively participate in the conference. This conference is going to be conducted by the Department of Physiology and Pharmacology, Andhra Medical College, Visakhapatnam, Andhra Pradesh.

The theme of APPICON'2007 is Physiology from Lab to Bedside!

We are sure that your stay at Visakhapatnam will be comfortable and memorable moment. Eminent Physiologists and Pharmacologists from all over India are going to participate in the conference and their deliberations will be enriching our knowledge about the newer concepts of the subjects.

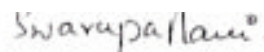
There is going to be grand gala entertainment which is a part of the conference which you will enjoy on the evenings. Our catering committee is making all preparations to tickle your taste buds with the typical Andhra food. There are a lot of tourist attractive spots in and around Visakhapatnam places like beautiful golden sandy beaches adjoining the hillocks (the 32 km stretch from Visakhapatnam to Bheemili), Simachalam temple, Borra and Araku Valley, Annavaram Satyanarayana Swami Temple where you and your family members can have a memorable holiday.

Hoping you to join us and enjoy the fun.

See you in Visakhapatnam



B. Surya Prakasha Rao, M.D.
Chairman



Dr. S. Swarupa Rani
Organizing Secretary

PROVISIONAL PROGRAMME

Venue: AMCOSA & Andhra Medical College for all 4 days

27th December 2007

Workshop & CME	:	8:30 a.m. to 5:00 p.m.
Conference Inauguration	:	6:00 p.m. to 8:00 p.m.
Cultural Programme	:	8:00 p.m. to 9:00 p.m.
Dinner	:	9:00 p.m.

28th December 2007

Breakfast	:	8:00 a.m.
Scientific Sessions (Award paper sessions/ free paper sessions/guest lectures)	:	9:00 a.m. to 5:30 p.m. with Lunch
Executive Body Meeting	:	5:30 p.m. to 6:30 p.m.
Cultural Programme & Banquet	:	7:00 p.m. to 9:00 p.m.

29th December 2007

Breakfast	:	8:00 a.m.
Scientific Sessions	:	9:00 a.m. to 5:00 p.m. with Lunch
General Body Meeting	:	5:00 p.m. to 7:00 p.m.
Cultural Programme & Dinner	:	7:00 p.m. to 9:00 p.m.

30th December 2007

Breakfast	:	8:00 a.m.
Scientific Session	:	9:00 a.m. to 12:00 noon
Valedictory Function	:	12:00 noon
Lunch	:	2:00 p.m.

Printed Matter

Book Post

To,

If undelivered please return to:

Department of Physiology

King George's Medical University, Lucknow – 226 003