

News

Indian Academy of Medical Sciences invites young (below 40 years) biomedical scientists to submit papers of their unpublished work in any field of biomedicine for presentation at the Scientific Session of the Academy in November/December 1971. The best paper will be awarded Dr. S.S. Misra's Gold Medal from Dr. Misra's Endowment Fund of the Academy. Other scientists will be awarded certificate of merit.

2. Through the courtesy of Sir Shriram Foundation, the Academy will award Sir Sriram Gold Medal for the best published paper during the preceding three years *on any clinical subject*. The work should have been done in India by any biomedical scientists of any age.

CONDITIONS

1. The scientist should not have received any prize for the same paper in the past.
2. Four copies of each paper should reach Executive Director latest by 30th Sept. 1971.
3. Selected papers may be published in the Annals of the Academy.
4. The selected scientists will be invited, at the cost of Academy, to present their papers at the Scientific Session of the Academy.
5. The awards (Medals and certificates) will be formally presented at the time of Convocation next day.
6. Further information may be obtained from the Executive Director, Indian Academy of Medical Sciences, C-II/2, Ansari Nagar, New Delhi-16.

THE INTERNATIONAL UNION OF PHYSIOLOGICAL SCIENCES will hold the XXV International Congress of Physiological Sciences in Munich, German Fed. Rep. during July 25-31-1971.

An International Congress has as the prime reason for its existence the fostering of an exchange of knowledge among its members. Organizers of this Congress have set the spirit of international communication as their guiding principle. For this purpose, all participants have been strongly urged to

adopt a style and level of address which will reach scientists interested in physiology in general. For the same reason the organizers recommend that the presentations and discussions of a highly specialised character be conducted in the forum of Satellite Symposia.

The XXV International Congress is sponsored by the West German Federal Government, the Government of the State of Bavaria and the city of Munich and the German Physiological Society has the honour of being host to the World physiologists who will meet at the Munich Exhibition Grounds (Messegelände) Theresienhoehe-15.

Congress Symposia :

20 Symposia have been scheduled during this period : 2 each morning and 2 each afternoon in 3-hour sessions. It has been planned to have 4 speakers discussing the respective topic from various points of view. The audience will have the opportunity and will be encouraged to participate in these discussions.

What is New in Epithelial Transport.

Neuronal Mechanisms of the Conditioned Reflex and Habituation.

Cellular Basis of Immunologic Responses.

Photochemical Aspects of the Receptor Process in Vision.

Energy Transformation in Skeletal Muscle.

Neurophysiology of Hearing.

Release of Neural Transmitter Substances.

Cutaneous Sensibility.

Mechanisms of Inhibition in the Central Nervous system.

Cardiac Metabolism and Contractile Function.

Physiology of Mammalian Superior Colliculus and Pretectum.

Transcapillary Exchange in the Peripheral Circulation.

Neuronal Activity in the Human and Primate Forebrain.

Regulation of Respiration and Acid Base Balance.

Frontal Cortex and Behaviour.

Regulation of Tubular Transport.

Intestinal Absorption and Secretion

Hormonal Aspects in Prenatal Ontogenesis.

Environmental Physiology.

Releasing Factors.

Satellite Symposia :

A number of Satellite Symposia will be held throughout Europe before and after the main Congress. These Symposia, which are being organized and financed independently of the main Congress are recognized as part of the XXV International Congress of Physiological Sciences. The list is in part still tentative and may be subject to changes.

| Title | Chairman | Location | Date. |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------|------------|
| Passive Permeability of Cell Membrane | F. Kreuzer The Netherlands | Nijmegen The Netherlands | 18-25 July |
| Glycolipids, Glycoproteins and Mucopolysaccharides of the Nervous System : Chemical and Metabolic Correlations | V. Zambotti Italy | Milan Italy | 2-4 Aug. |
| Recent Progress in Fundamental Physiology of Diving | K.E. Schaefer U.S.A. | Marseille France | 23-24 July |
| Coupling between Electrolyte and Nonelectrolyte Transport in Cells | E. Heinz German Fed. Rep. | near Frankfurt German Fed. Rep. | 3-5 Aug. |
| Brain-Endocrine : Median Eminence, Structure and Function | K.M. Knigge U.S.A. | Munich German Fed. Rep. | 2-3 Aug. |
| Neurophysiology Studied in Man | D. Albe-Fessard and J. Jasper France | Paris France | 20-22 July |
| Vision and Audition ; Comparisons between the Systems | P.O. Bishop Australia | Zillertal Austria | 2-4 Aug. |
| Selected Topics of Renal Function | H. Wirz Switzerland | to be decided | 3-4 Aug. |
| Physiology and Pharmacology of Cyclic AMP ; An International Conference | R. Paoletti Italy G.A. Robison U.S.A. E. W. Sutherland U.S.A. | Milan Italy | 20-23 July |
| Gas Exchange Across the Placenta | H. Bartels West Germany L. Longo U.S.A. | Hannover German Fed. Rep. | 5-7 Aug. |

| Title | Chairman | Location | Date |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------|------------|
| Cerebral Control of Eye Movements and Motion Detection | E. Bizzi U.S.A. | Freiburg German Fed. Rep. | 20-22 July |
| Brain Mechanisms and Motor Control | P. Buser France | Zurich Switzerland | 7-8 Aug. |
| The Somatosensory System | H. H. Kornhuber German Fed. Rep. | Reisensburg (near Ulm) German Fed. Rep. | 2-4 Aug. |
| Invertebrate Neurobiology Mechanisms of Rhythm Regulation | J. Salanki Hungary | Tihany Hungary | 2-5 Aug. |
| Neuroendocrinology | L. Martini Italy | Stresa or Sirmione Italy | 21-23 July |
| Regulation of Coronary Blood Flow | D. E. Gregg U.S.A. | Antwerp Belgium | 4-5 Aug. |
| Bioenergetics and Temperature Regulation | R. Em. Smith U.S.A. | Dublin Ireland | 18-24 July |
| Physiology and Pharmacology of Synapses | D. R. Curtis Australia | Basel Switzerland | 2-3 Aug. |
| Biocybernetics: III Intern. Symp. on Biocybernetics Theory, General Principles, Examples from Autonomic and Sensorimotor Systems | H. Drischel German Dem. Rep. W. D. Keidel German Fed. Rep. | Leipzig German Dem. Rep. | 3-7 Aug. |
| Information Transfer from a Neurophysiological and Neurochemical Point of View | M. Bergstroem Finland | Helsinki Finland | 2-3 Aug. |
| Neural Control of Breathing | W. Karczewski Poland J. G. Widdicombe U. K. | Warsaw Poland | 2-8 Aug. |
| IV International Conference on the Regulation of Food and Water Intake | G. C. Kennedy U. K. J. Le Magnen France | Cambridge England | 2-6 Aug. |
| Frontal Granular Cortex and Behaviour | J. Konorski Poland | Jablonna (near Warsaw) Poland | 2-7 Aug. |

| Title | Chairman | Location | Date |
|------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------|-------------------------------|
| Neuro-humoral and Metabolic Aspects of Injury | A. G. B. Kovach Hungary | Budapest Hungary | 3-7 Aug. |
| Mechanisms of Regulation of the Biogenic Amines Level in the Tissues with a Special Reference to Histamine | Cz. Maslinski Poland | Lodz Poland | 2-8 Aug. |
| Comparative Physiology of Respiration in Vertebrates | J. Piiper German Fed. Rep. | Goettingen German Fed. Rep. | 2-4 Aug. |
| Basic Aspects of Central Vestibular Mechanisms | O. Pompeiano Italy | Pisa Italy | 15-17 July |
| Electric Field of the Heart, Colloquium Vectorcardiographic (XII) | P. Rijlant Belgium | Brussels Belgium | 2-8 Aug. |
| IV International Symposium on Olfaction and Taste | D. Schneider German Fed. Rep. | Starnberg German Fed. Rep. | 2-4 Aug. |
| Central and Peripheral Adrenergic Systems | A. Tizebski Poland | Warsaw Poland | 2 days between 2-8 Aug. |
| Physiology of the Vascular Smooth Muscles | E. Betz German Fed. Rep. | Tuebingen German Fed. Rep. | 20-23 July |
| Physical Fitness | E. Assmussen Denmark | Prague or Carlsbad CSSR | 3-5 Aug. |
| Slow and Fast Muscle | A. F. Huxley Gerta Vrbova U. K. | Birmingham England | 3-4 Aug. |