

Junio 20, 1966

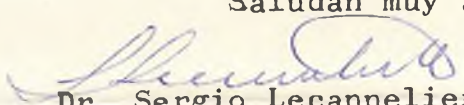
Doctor
Plutarco Naranjo y Sra.
Casilla 2339
QUITO
ECUADOR

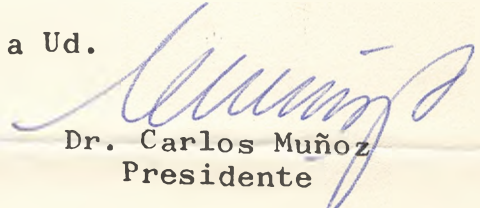
Estimado Doctor:

Tenemos el agrado de adjuntarle una copia del programa definitivo del simposio internacional sobre "Efectos de analgésicos en el sistema nervioso central", que tendrá lugar en Santiago los días 20, 21 y 22 de Julio. Este simposio ha sido organizado con ocasión del III Congreso Internacional de Farmacología de Sao Paulo, Brasil, y es auspiciado por las siguientes instituciones: International Union of Pharmacology (IUPHAR); Asociación Latinoamericana de Ciencias Fisiológicas (ALACF); Sociedad de Biología de Chile; Facultad de Medicina de la Universidad de Chile y Colegio Médico de Chile.

El Comité Organizador varía con suma complacencia que Ud. y sus colaboradores pudieran asistir a esta importante reunión científica.

Saludan muy atentamente a Ud.


Dr. Sergio Lecannelier
Secretario


Dr. Carlos Muñoz
Presidente

SYMPOSIUM ON "CNS EFFECTS OF ANALGESICS DRUGS"

Santiago - Chile, July 20 to 22, 1966

P R O G R A M

July 20 A.M.

- 9.00 - 9.10 Introductory remarks
- 1.- Effect of analgesic drugs on CNS electrical activity
- 9.10 - 9.40 1.1. Action of analgesics on the electrical brain activity. Marcel Monnier, G.L. Nosal and C. Radouco-Thomas. Physiologisches Institut der Universitat Vesalianum, Basel, Switzerland
- 9.40 -10.10 1.2. Assay of the effect in man of analgesic drugs by the quantitative EEG technique. Carl C. Pfeiffer and Leonide Goldstein, New Jersey, Neuropsychiatric Institute, Princeton, USA.
- 10.10 -10.25 1.3. Comparison of the electroencephalographic effects of some central analgesics in rabbits. Ximena Acevedo and Carlos Muñoz, Instituto de Farmacología, Universidad de Chile.
- 10.40 -11.10 1.4. Effect of analgesics on the electrogram of deep brain structures. Vincenzo Longo, Istituto Superiore di Sanita, Roma, Italia.
- 11.10 -11.40 1.5. Computer analysis of the EEG effects of analgesics drugs. Henry B. Murphree, New Jersey Neuropsychiatric Institute, Princeton, USA.
- 11.40 -12.45 Discussion.

July 20 P.M.

- 2.- Analgesic drugs and brain neurotransmitters.
- 3.00 - 3.30 2.1. Effect of analgesic drugs on acetylcholine and certain other neurotransmitters. E.W. Maynert Department of Pharmacology, University of Illinois, USA.
- 3.30 - 4.00 2.2. Relationship between the analgesia and brain monoamines: catecholamines and 5-hydroxytryptamine. S. Radouco-Thomas et P. Singh. Département de Pharmacologie, Université Laval Québec, Canada.
- 4.15 - 4.30 2.3. Changes in morphine analgesia induced by drugs which modify catecholamine content of the brain. Carlos Muñoz and Carlos Paeile, Instituto de Farmacología, Universidad de Chile, Santiago, Chile.
- 4.30 -4.45 2.4. Influence of changes on brain 5-hydroxytryptamine on morphine analgesia. Enrique Contreras and Lya Tamayo, Departamento de Farmacología, Universidad de Concepción, Concepción, Chile.

4.45 - 5.15

- 2.5. The effect of Morphine on nucleic acids (RNA) of the CNS neurons. Gl. Nosal et C. Radouco-Thomas. Département de Pharmacologie, Université Laval, Québec, Canada.

5.15 - 6.15

Discussion.

July 21 A.M.

3. Metabolism of analgesics.

9.00 - 9.30

- 3.1. The CNS distribution of analgesics and its pharmacological implications. E. Leong Way, Department of Pharmacology, University of California, School of Medicine, San Francisco Cal. USA.

9.30 - 9.50

- 3.2. Studies on morphine metabolism in mice. Catalina Maggiolo and Fernando Huidobro, Departamento de Farmacología, Universidad Católica, Santiago-Chile.

9.50 -10.10

- 3.3. Metabolism of morphine in normal and tolerant rats. Ana Penna-Herrereros and Lutske Tampier, Instituto de Farmacología, Universidad de Chile, Santiago-Chile.

10.10 -10.45

Discussion.

4. Neuroendocrine effects of analgesics.

11.00 -11.30

- 4.1. Effects of analgesics on the hypothalamus-pituitary-adrenal-thyroid axes. Robert George Department of Pharmacology, University of California, School of Medicine, Los Angeles, California, USA.

11.30 -12.00

- 4.2. Investigations on the central effects of morphine on body temperature. Peter Lomax, Department of Pharmacology, University of California, School of Medicine, Los Angeles, California, USA.

12.00 -12.30

Discussion.

July 21 P.M.

5. Synergisms and antagonisms of analgesics.

3.00 - 3.30

- 5.1. Relationship between analgesics and psychotomimetic drugs. J. Jacob, Institut Pasteur, Paris, France.

3.30 - 4.00

- 5.2. C.N.S. effects of the analgesic antagonists. Louis S. Harris, Department of Pharmacology, University of North Carolina, Chapel Hill, N.C., U.S.A.

4.15 - 4.45

- 5.3. The influence of CNS stimulant drugs on the effects of analgesics. Wayne O. Evans, U.S. Army Medical Research, Fitzsimons General Hospital, Denver, Colorado, USA.

- 4.45 - 5.00 5.4. Analgesic effect of salicylic and pyrazolon derivatives associated with morphine. Sergio Lecannelier and Monica Quevedo, Instituto de Farmacología, Universidad de Chile, Santiago-Chile.
- 5.00 - 6.00 Discussion.
- July 22 A.M.
6. Influence of analgesic drugs on behavior.
- 9.00 - 9.30 6.1. Some behavioral and electrophysiological changes produced by low doses of morphine in the cat. Daniel M. Buxbaum, Department of Pharmacology, University of California, School of Medicine, San Francisco, California, USA.
7. Side effects of analgesic drugs.
- 9.30 -10.00 7.1. Experimental dependence to morphine. Fernando Huidobro, Departamento de Farmacología, Universidad Católica, Santiago-Chile.
- 10.00 -10.30 Discussion.
8. Mechanisms of action of analgesics.
- 11.00 -11.30 8.1. Mechanism of action of narcotic analgesic drugs. C. Radouco-Thomas, G. Lamarche et S. Radouco-Thomas. Département de Pharmacologie, Université Laval, Québec, Canada.
- 11.30 -12.00 8.2. Central and peripheral mechanisms of analgesia and pain. Frank Guzman and Robert K.S. Lim, Miles Laboratories, Inc., Elkhart, Indiana, USA.
- 12.00 -12.45 Discussion
- 12.45 -13.00 Concluding Remarks.
