

SCIENTIA

International Review of Scientific Synthesis - Founded in 1907

Scientific Editorial Board: Edoardo Amaldi · Ludovico Geymonat
Giuseppe Montalenti
Editor: N. Bonetti

SCIENTIA was born within the framework of a cultural project based on the belief in the fundamental importance of scientific rationality and the necessity for restoring unity to the various fields of knowledge.

This project has lost nothing of its validity today: at present, in fact, the end of rationality is proclaimed on the one hand, while on the other scientific research grows increasingly specialized in directions that appear to be unable to communicate one with another.

For this very reason the need for unifying thought is felt more urgently: Scientia's task is thus carried out with the contribution of scientists and philosophers the world over.

Scientia offers, furthermore, an up-to-date picture of the state of knowledge of the individual disciplines and of the problems connected with scientific research.

Annual subscription: Italy Lit. 40,000 - Europe Lit. 45,000 - Non-European countries \$ 60.00

SCIENTIA - Via Guastalla 9 - 20122 Milano (Italy) - Telephone (02) 780.669

Editada por
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

REVISTA ESPAÑOLA DE FISIOLOGIA

Vol. 47, No. 2, June 1991

ISSN 0034-9402. REFIAS

CONTENTS

MORCILLO, M. A., J. SANTAMARÍA, B. RIBAS and I. BANDO. — Isolation of ²⁰³ Mercury-Induced Metallothionein in Rat Kidney by Direct Connection of HPLC to a β Radioactivity Detector	57
GARRASTAZU, C., M. J. GIMÉNEZ, M. P. INIESTA, M. I ARANGUEZ and M. RUIZ-AMIL. — Propionyl-CoA Synthetase in Mammary Gland and Liver of Cows .	63
DIEZ, N., A. BARBER and F. PONZ. — Effect of DTNB on Rat Intestinal Galactose Transport <i>in vivo</i>	69
PLANAS, J., LL. TORT, P. TORRES and R. FLOS. — Cadmium Induction of Metallothioneins in Several Dogfish Organs	75
SCHWARTZ, S., M. FARRIOL, J. BALCELLS, J. E. MURIO, E. GARCÍA, E. GEMAR, J. LÓPEZ and A. ANDREU. —Effect of Different MCT/LCT Ratios on Protein Synthesis in Injured Rats Fed Parenterally	81
CÓRDOVA, A. and J. F. ESCANERO. — Influence of Lithium and Exercise on Serum Levels of Copper and Zinc in Rats	87
GARCÍA DE LACOB, M., R. FERNÁNDEZ-DURANGO, A. TRIVIÑO, J. M. RAMÍREZ, A. I. RAMÍREZ, J. J. SALAZAR, A. FERNÁNDEZ-CRUZ and J. GUTKOWSKA. — Existence of Atrial Natriuretic Peptide in Choroid, Retina and Ciliary Body of Rabbit	91
BOOK REVIEWS	97

REVISTA ESPAÑOLA DE FISIOLÓGIA

Vol. 47, N.º 2, junio 1991

ISSN 0034-9402. REFIAS

INDICE

MORCILLO, M. A., J. SANTAMARÍA, B. RIBAS and I. BANDO. — Isolation of ²⁰³ Mercury-Induced Metallothionein in Rat Kidney by Direct Connection of HPLC to a β Radioactivity Detector	57
GARRASTAZU, C., M. J. GIMÉNEZ, M. P. INIESTA, M. I ARANGUEZ and M. RUIZ-AMIL. — Propionyl-CoA Synthetase in Mammary Gland and Liver of Cows .	63
DIEZ, N., A. BARBER and F. PONZ. — Effect of DTNB on Rat Intestinal Galactose Transport <i>in vivo</i>	69
PLANAS, J., LL. TORT, P. TORRES and R. FLOS. — Cadmium Induction of Metallothioneins in Several Dogfish Organs	75
SCHWARTZ, S. M., FARRIOL, J. BALCELLS, J. E. MURIO, E. GARCÍA, E. GEMAR, J. LÓPEZ and A. ANDREU. — Effect of Different MCT/LCT Ratios on Protein Synthesis in Injured Rats Fed Parenterally	81
CÓRDOVA, A. and J. F. ESCANERO. — Influence of Lithium and Exercise on Serum Levels of Copper and Zinc in Rats	87
GARCÍA DE LACOBÁ, M., R. FERNÁNDEZ-DURANGO, A. TRIVIÑO, J. M. RAMÍREZ, A. I. RAMÍREZ, J. J. SALAZAR, A. FERNÁNDEZ-CRUZ y J. GUTKOWSKA. — Existencia del péptido atrial natriurético en coroides, retina y cuerpo ciliar de conejo	91
CRÍTICA DE LIBROS	97