

Journal of Endocrinology and Reproduction

VOLUME 10

NUMBER 2

DECEMBER 2006

PAGES 73 -145

Founder Editor

Dr. P. GOVINDARAJULU

University of Madras, Taramani Campus, Chennai - 600 113.

INDIA

Editor-in-Chief

Dr. M.A. AKBARSHA

Bharathidasan University, Thiruchirappalli -620024
INDIA

Associate Editor

Dr. OOMMEN V. OOMMEN

University of Kerala, Thiruvananthapuram - 695581
INDIA

Editorial Board

Dr. ARULDHAS, M.M. (Chennai, India)

Dr. CHANDANA HALDAR (Varanasi, India)

Dr. COOKE, P.S. (USA)

Dr. DHARMARAJAN, A. (Australia)

Dr. GAETANO CIARCIA (Italy)

Dr. GOVINDARAJULU, P. (Chennai, India)

Dr. GOYAL, H.O. (USA)

Dr. ILPO HUHTANIEMI (UK)

Dr. KHOLKUTE, S. (Belgaum, India)

Dr. LEWINSKI, A. (Poland)

Dr. LOHIYA, N.K. (Jaipur, India)

Dr. MURALIDHAR, M. (New Delhi, India)

Dr. PEREIRA, B.M.J. (Roorkee, India)

Dr. RAMACHANDRAN, A.V. (Baroda, India)

Dr. SAMIR BHATTACHARYA (Santiniketan, India)

Dr. SAUMEN KUMAR MAITRA (Santiniketan, India)

Dr. SESHAGIRI, P.B. (Bangalore, India)

Dr. SHIVANANDAPPA, T. (Mysore, India)

Dr. SUBRAMONIAM, T. (Chennai, India)

Dr. TULSIANI, D.R.P. (USA)

Dr. TYAGI, R.K. (New Delhi, India)

Dr. VINOD KUMAR (Lucknow, India)

Society for Reproductive Biology and Comparative Endocrinology
Dr.A.L.M. P.G. Institute of Basic Medical Sciences, University of Madras,
Taramani, Chennai - 600 113.
ISSN 0971 - 913 X

The Journal of Endocrinology and Reproduction is printed by P.I. Peter and published by Dr. P. Govindarajulu on behalf of the Society for Reproductive Biology and Comparative Endocrinology, Chennai (Regd), printed at Reliance Printers, Chennai - 20, and published at 7/2, New No. 34/2, KM Street, R.A. Puram, Chennai - 600 028, India.

Correspondence regarding publications and subscriptions should be made to the Editorial Secretariat, JER, Department of Endocrinology, Dr. A.L.M. P.G. Institute of Basic Medical Sciences, University of Madras, Taramani, Chennai - 600 113, India.

Subscription Rates:

India, Rs. 100/- and Rs. 500/- per year for individuals and Institutions, respectively. Other countries, U.S. \$ 25/- and U.S. \$ 60/- per year for individuals and Institutions, respectively.

Rs. 2000/- for life subscription for the Life Members of SRBCE.

When intimating a change of address, please include both the old and the new addresses and allow at least 60 days notice.

No part of the Journal should be duplicated or reproduced without permission of the Editor.

GENERAL

- The blossoming of the Society of Reproductive Biology and Comparative Endocrinology over 25 years with fragrance and elegance** i-ii
P. Govindarajulu

REVIEWS

- Photoperiod, pineal photoreceptors and melatonin as the signal of photoperiod in the regulation of reproduction in fish** 73-87
Maitra SK, Seth M and Chatteraj A
- Antimicrobial peptides: a new dawn for regulating fertility and reproductive tract infections** 88-95
Rana M, Chatterjee S, Kochhar S and Pereira BMJ
- Thyroid hormones regulate mitochondrial respiration as well as antioxidant defense in teleosts too!** 96-105
Oommen OV, Sreejith P, Beyo RS, Divya L, Vijayasree AS and Manju M

ORIGINAL PAPERS

- Cimicifuga racemosa* extract for the treatment of climacteric complaints** 106-110
Wuttke W, Jarry H and Seidlová-Wuttke D
- Adaptive significance of annual variation in immune parameters and endogenous hormones (melatonin and thyroxine) of a tropical rodent *Funambulus pennanti*** 111-116
Rai S and Haldar C
- Duration-dependent histopathological and histometric changes in the testis of aflatoxin B1-treated mice** 117-133
Faridha A, Faisal K and Akbarsha MA
- Thyroid hormone control of tail regeneration: differential *in loco* and systemic effects and seasonal variation** 134-142
Ramachandran AV and Kurup A
- Instructions to Authors** 143-145