



ANIMAL REPRODUCTION

Official journal of the Brazilian College of Animal Reproduction

v.9, n.2

April/June

2012

Editors-in-Chief

Eduardo L. Gastal - Southern Illinois University, Carbondale, USA
Luiz Renato de França - UFMG, Brazil

Co-Editors-in-Chief

José Ricardo Figueiredo - UECE, Brazil
Mário Binelli - USP, Brazil

Editorial Board

Andrzej Bartke - Southern Illinois University, USA
Antônio Carlos S. Castro - UFMG, Brazil
Arlindo A. Moura - UFC, Brazil
Barry D. Bavister - University of New Orleans, USA
Bart Gadella - Utrecht University, The Netherlands
Brian Setchell - University of Adelaide, Australia
Eduardo Bustos Obregón - Universidad de Chile, Chile
Eduardo Paulino da Costa - UFV, Brazil
Edward L. Squires - Colorado State University, USA
Fernanda da Cruz Landim-Alvarenga - UNESP, Brazil
George E. Seidel Jr - Colorado State University, USA
Goro Yoshizaki - Tokyo University of Marine Science and Technology, Japan
Heriberto Rodriguez-Martinez - SLU, Sweden
Hugo P. Godinho - PUC/Minas, UFMG, Brazil
João Carlos Deschamps - UFPEL, Brazil

J.A. (Lulu) Skidmore - The Camel Reproduction Centre, UAE
Katrin Hinrichs - Texas A&M University, USA
Keith Betteridge - University of Guelph, Canada
Margaret J. Evans - CDHB, New Zealand
Martha C. Gomez - Louisiana State University, USA
Parvathi K. Basrur - University of Guelph, Canada
Peter J. Broadbent - UK
Rex A. Hess - University of Illinois, USA
Ricardo S. Calandra - IMBICE, IBYME, Argentina
Richard Fayrer-Hosken - University of Georgia, USA
Rüdiger W. Schulz - Utrecht University, The Netherlands
Stanley P. Leibo - University of New Orleans; Audubon Research Center, USA
Sue M. McDonnell - University of Pennsylvania, USA
Telma M.T. Zorn - USP, Brazil
William R. Allen - University of Cambridge, UK
Wilma de Grava Kempinas - UNESP, Brazil

Proofreader: Keith Haag, Southern Illinois University, Carbondale, IL, USA

Secretaries: Maria Helena Chaves da Silva, Eunice de Faria Lopes

Animal Reproduction publishes reviews, original articles, and short communications related to the basic, applied and biotechnological aspects of animal reproductive biology. *Manuscripts* should be submitted online to the Editor-in-Chief <http://www.cbra.org.br/portal/index.htm>. Instructions to Authors are available at <http://www.cbra.org.br/portal/index.htm>. *Animal Reproduction* (ISSN 1806-9614 printed; 1984-3143 online) is published quarterly and wholly owned by the Brazilian College of Animal Reproduction (Colégio Brasileiro de Reprodução Animal - CBRA). Subscriptions and renewals are based on the calendar year. Printed versions of the journal are freely available to the members of the CBRA and electronic versions are available at the journal website.

All the correspondence should be sent to the following address:

Editor-in-Chief, *Animal Reproduction*

Colégio Brasileiro de Reprodução Animal - CBRA
Alameda das Princesas, 1275 - Bairro São José - 31275-180 Belo Horizonte, MG, Brazil.
Phone: +55(31)3491-7122, Fax: +55(31)3491-7025, E-mail: animreprod@cbra.org.br,
Website: <http://www.cbra.org.br/portal/index.htm>

Animal Reproduction, v.1- , n.1- , 2004-

Belo Horizonte, MG, Brazil: Colégio Brasileiro de Reprodução Animal, 2004-

Quarterly. ISSN 1806-9614 (printed); 1984-3143 (online)

1. Animal reproduction - Periodicals. I. Colégio Brasileiro de Reprodução Animal. II. Brazilian College of Animal Reproduction.

CDU - 636.082.4 (81) (05) - AGRIS L10

Indexed in:

Biological Abstracts

Biosis Previews

CABI Abstracts

Current Contents: Agric Biol Environ Sci

Directory of Open Access Journals (DOAJ)

CAPES/Qualis