



# ANIMAL REPRODUCTION

Official journal of the Brazilian College of Animal Reproduction

v.5, n.1/2

January/June

2008

## Editors-in-Chief

Eduardo Leite Gastal - University of Wisconsin, Madison, 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. Basur - 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

Matthew Utt , Virginia Tech University, Blacksburg, VA, USA  
Dee Cooper, University of Missouri, Columbia, MO, USA

*Animal Reproduction* publishes reviews and original articles 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/animreprod>. Instructions to Authors are available at <http://www.cbra.org.br/animreprod>. *Animal Reproduction* (ISSN 1806-9614) is published quarterly and wholly owned by the Brazilian College of Animal Reproduction - BCAR (Colégio Brasileiro de Reprodução Animal - CBRA). Subscriptions and renewals are based on the calendar year. **AR** is freely available to the members of the BCAR (CBRA).

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](mailto:animreprod@cbra.org.br), Website: <http://www.cbra.org.br>

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

Belo Horizonte, MG, Brazil: Colégio Brasileiro de Reprodução Animal, 2004-  
Quarterly. ISSN 1806-9614

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  
Directory of Open Access Journals (DOAJ)

CAPES/Qualis/Veterinary: A (National)