

Volume 52 Number 3 Supplement, 2011  
(*new series*)

***ROMANIAN JOURNAL***  
***OF***  
***MORPHOLOGY AND EMBRYOLOGY***



ROMANIAN ACADEMY PUBLISHING HOUSE

© 2011 ROMANIAN ACADEMY PUBLISHING HOUSE. All rights reserved.

ROMANIAN ACADEMY PUBLISHING HOUSE protects this journal, and the individual contributions contained in it under copyright, in the following terms and conditions apply to their use:

#### Photocopying

Single photocopies of single articles may be made for personal use as allowed by national copyright laws. Permission of the publisher and payment of a fee is required for all other photocopying, including multiple or systematic copying, copying for advertising or promotional purposes, resale, and all forms of document delivery. Special rates are available for educational institutions that wish to make photocopies for non-profit educational use.

Permissions may be sought directly from EDITOR, at the following address: *Romanian Society of Morphology, Research Center for Microscopic Morphology and Immunology, University of Medicine and Pharmacy of Craiova, 2–4 Petru Rareș Street, 200349 Craiova, Romania; Phone/Fax +40251–523 654, e-mail: editor@rjme.ro, rjmorphembryol@yahoo.com.*

#### Derivative works

Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. Permission of the PUBLISHER is required for resale or distribution outside the institution, and for all other derivative works, including compilations and translations.

#### Electronic storage or usage

Permission of the EDITOR is required to store or use electronically any material contained in this journal, including any article or part of an article. Contact the EDITOR at the address indicated. Except as outlined above, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the EDITOR.

Address permissions requests to: *Romanian Society of Morphology, Research Center for Microscopic Morphology and Immunology, University of Medicine and Pharmacy of Craiova*, at the mail, fax and e-mail addresses noted above.

#### Copyright transfer

Articles and any other material published in the *Romanian Journal of Morphology and Embryology* represent the opinions of the author(s) and should not be construed to reflect the opinions of the EDITOR and the PUBLISHER. Submission of an article implies that the work described has not been published previously (except in the form of an abstract or as a part of a published lecture or academic thesis), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other language, without the written consent of the PUBLISHER. Contributions are accepted on the understanding that the authors have obtained the necessary authority for publication. Submission of multi-authored manuscripts implies the consent of each of the authors. The PUBLISHER will assume that the senior or corresponding author has specifically obtained the approval of all other co-authors to submit the article to this journal.

### The ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY

(<http://www.rjme.ro/>)

is abstracted by / indexed in:



THOMSON REUTERS

**FIRST IMPACT FACTOR / 2010: 0.381**  
(2010 *Journal Citation Reports*,  
available June 28, 2011).

*Web of Science – Science Citation Index Expanded*

< <http://scientific.thomsonreuters.com/cgi-bin/jrnlist/jlresults.cgi?PC=MASTER&ISSN=1220-0522> >



A service of the National Library of Medicine  
and the National Institutes of Health  
[www.pubmed.gov](http://www.pubmed.gov)

< [http://www.ncbi.nlm.nih.gov/sites/entrez?Db=nlmcatalog&doptcmdl=Expanded&cmd=search&Term=9112454\[NlmId\]](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=nlmcatalog&doptcmdl=Expanded&cmd=search&Term=9112454[NlmId]) >



< [http://www.info.sciverse.com/UserFiles/title\\_list.xls](http://www.info.sciverse.com/UserFiles/title_list.xls) >

< [http://embase.com/info/UserFiles/Files/embase\\_journal\\_list\\_0611.xls](http://embase.com/info/UserFiles/Files/embase_journal_list_0611.xls) >



SCImago  
Journal & Country  
Rank

< <http://www.scimagojr.com/journalsearch.php?q=12200522&tip=iss&clean=0> >



< <http://journals.indexcopernicus.com/karta.php?action=masterlist&id=4922> >



NATIONAL  
UNIVERSITY  
RESEARCH  
COUNCIL

< [http://www.cncsis.ro/userfiles/file/CENAIPOSS/A\\_iunie\\_2011\\_FI.pdf](http://www.cncsis.ro/userfiles/file/CENAIPOSS/A_iunie_2011_FI.pdf) >

---

**ROMANIAN JOURNAL**  
**OF**  
**MORPHOLOGY AND EMBRYOLOGY**  
**(Journal of the Romanian Society of Morphology)**

Volume 52 Number 3 Supplement, 2011, p. 957–1166  
(new series)

**CONTENTS**

**REVIEWS**

- ALIS DEMA, SORINA TĂBAN, ELENA LAZĂR, ANGELA BORDA, CODRUȚA LĂZUREANU, DIANA HERMAN, ANCA MUREȘAN, MĂRIOARA CORNIANU, DENISA ANDERCO, ANDRADA LOGHIN,**  
*Pseudobenevolent prostate carcinomas: causes of false-negative biopsy results* ..... 963
- IOANA GABRIELA FIȚA, ANA-MARIA ENCIU, B. P. STĂNOIU,**  
*New insights on Alzheimer's disease diagnostic* ..... 975

**ORIGINAL PAPERS**

- A. MARZULLO, M. M. CICCONE, CLAUDIA COVELLI, GABRIELLA SERIO, D. RIBATTI,**  
*Macrophages and mast cells are involved in carotid plaque instability* ..... 981
- CL. MĂRGĂRITESCU, D. PIRICI, CRISTIANA SIMIONESCU, A. STEPAN,**  
*The utility of CD44, CD117 and CD133 in identification of cancer stem cells (CSC) in oral squamous cell carcinomas (OSCC)* ..... 985
- MONICA STAVARACHI, N. M. PANDURU, C. SERAFINCEANU, E. MOȚA, MARIA MOȚA, D. CIMPONERIU, DANIELA ADRIANA ION,**  
*Investigation of P213S SELL gene polymorphism in type 2 diabetes mellitus and related end stage renal disease. A case-control study* ..... 995
- S. ȘUȘMAN, D. RUS-CIUCĂ, OLGA SORIȚĂU, C. TOMULEASA, R. BUIGĂ, D. MIHU, V. I. POP, CARMEN MIHAELA MIHU,**  
*Pancreatic exocrine adult cells and placental stem cells co-culture. Working together is always the best way to go* ..... 999
- EMŐKE PÁLL, I. GROZA, M. CENARIU, OLGA SORIȚĂU, ELEN GÓCZA, C. TOMULEASA,**  
*Establishment of an embryonic stem cell line from blastocyst stage mouse embryos* ..... 1005
- FLORINA CARMEN POPESCU, CRISTINA JANA BUSUIOC, G. D. MOGOȘANU, O. T. POP, H. PĂRVĂNESCU, I. LASCĂR, CORINA IVONA NICOLAE, L. MOGOANTĂ,**  
*Pericytes and myofibroblasts reaction in experimental thermal third degree skin burns* ..... 1011
- AURORA ALEXA, FLAVIA BADERCA, RODICA LIGHEZAN, DELIA ELENA ZĂHOI, D. IZVERNARIU,**  
*The diagnostic value of EMA expression in the renal parenchyma tumors* ..... 1019
- F. R. BOB, GH. GLUHOVSCHI, DIANA HERMAN, GH. BOZDOG, CRISTINA GLUHOVSCHI, SILVIA VELCIOV, ELENA POTENCZ, LIGIA PETRICA,**  
*Histological changes and immunohistochemical markers in the assessment of glomerulosclerosis in patients with glomerulonephritis* ..... 1027
-

<b>CARMEN AURELIA MOGOANTĂ, DANIELA ADRIANA ION, G. STANCIU, ELENA IONIȚĂ, ADRIANA BOLD, GAROFIȚA OLIVIA MATEESCU, O. T. POP, IRINA GHEORGHÎȘOR,</b> <i>The importance of tumor proliferation markers in assessing lesions of the palatine tonsil .....</i>	1033
<b>B. BĂLINIȘTEANU, RALUCA AMALIA CEAUȘU, ANCA MARIA CÎMPEAN, IONELA BACIU, NICOLEȚA BĂCULESCU, M. COCULESCU, M. RAICA,</b> <i>Conventional examination versus immunohistochemistry in the prediction of hormone profile of pituitary adenomas. An analysis on 142 cases .....</i>	1041
<b>I. A. CHECHERIȚĂ, CRISTIANA DAVID, V. DIACONU, AL. CIOCĂLȚEU, I. LASCĂR,</b> <i>Potassium level changes – arrhythmia contributing factor in chronic kidney disease patients ...</i>	1047
<b>MIHAELA MITROI, ALINA CĂPITĂNESCU, CLAUDIA VALENTINA GEORGESCU, CARMEN AURELIA MOGOANTĂ, CAMELIA POPESCU, MONICA GEORGESCU, G. MITROI, ELENA IONIȚĂ,</b> <i>Expression pattern of CK7 and CK20 in nasal polyps, at patients with chronic rhinosinusitis with nasal polyposis .....</i>	1051
<b>FELICIA RECĂREANU, CRISTIANA SIMIONESCU, CLAUDIA VALENTINA GEORGESCU, ELENA PIRICI,</b> <i>Ductal invasive mammary carcinoma – clinicopathological prognostic factors related to immunohistochemical expression of hormonal receptors and Her2/neu oncoprotein .....</i>	1059
<b>CORINA TIULEA, CAMELIA PEEV, DIANA BREZOVAN, CRISTINA DEHELEAN, A. MOTOC,</b> <i>A comparison regarding antiproliferative action between soy total extract and genistein .....</i>	1065
<b>Ș. COMȘA, FELICIA CIUCULESCU, R. HENSCHLER, M. RAICA,</b> <i>MCF7–MSC co-culture assay: approach to assess the co-operation between MCF-7s and MSCs in tumor-induced angiogenesis .....</i>	1071
<b>ARZU HIZAY, B. M. DEMIREL, GUZIDE GOKHAN, L. SARIKCIOGLU, N. DEMIR,</b> <i>Does FK506 reduce the size of the watershed area after vascular injury of the sciatic nerve? ...</i>	1077
<b>S. CHAKRAVARTHY MARX, S. DHALAPATHY, C. ANITHA MARX, M. SATISH BABU, T. PULAKUNTA, VASANTHAKUMAR,</b> <i>Ultrasonographical and histological cross-sectional study of the human superficial branch of the radial nerve .....</i>	1081
<b>ADINA OCTAVIA DUȘE, RALUCA AMALIA CEAUȘU, T. MEZEI, ANCA MARIA CÎMPEAN, PUȘA GAJE, HORTENSIA IONIȚĂ, I. JUNG,</b> <i>Mast cells contribute to the angiogenesis in non-Hodgkin lymphoma. An immunohistochemical study based on the relationship with microvessel density .....</i>	1091
<b>B. V. MURLIMANJU, CHANDNI GUPTA, D. SAMIULLAH, LATHA V. PRABHU, MANGALA M. PAI, CHETTIAR GANESH KUMAR, M. S. SOMESH,</b> <i>Morphological investigation of cranial sutures in Indian human adult skulls .....</i>	1097
<b>M. MOISE, A. MOTOC, ANDREEA RĂDUCAN, S. RĂDUCAN, V. NICULESCU, M. NICULESCU,</b> <i>Human epidermal growth factor receptor 2 (HER2/neu) supraexpression in the mammary tumors .....</i>	1101
<b>DIANA STĂNCULESCU, CL. MĂRGĂRITESCU, A. STEPAN, ANCA OANA MITRUȚ,</b> <i>E-cadherin in gastric carcinomas related to histological prognostic parameters .....</i>	1107
<b>CAMELIA VIDICA GURBAN, O. MEDERLE,</b> <i>The OPG/RANKL system and zinc ions are promoters of bone remodeling by osteoblast proliferation in postmenopausal osteoporosis .....</i>	1113

## CASE REPORTS

<b>GH. GHIDIRIM, I. MISHIN, I. GAGAUZ, M. VOZIAN, A. CERNII, M. CERNAT,</b> <i>Duodenal gastrointestinal stromal tumor .....</i>	1121
<b>LAVINIA GHEORMAN, D. ILIESCU, IULIANA CEAUȘU, DANIELA PAULESCU, I. E. PLEȘEA, V. GHEORMAN,</b> <i>Importance of early complex evaluation in high-risk pregnancy associated to diabetes mellitus. Case presentation and review of the literature .....</i>	1127
<b>CRISTINA DANA BRATU, R. V. POP, SILVIA-IZABELLA POP, EM. A. BRATU,</b> <i>Adjusting dento-alveolar morphology with orthodontic mini-implants (miniscrews). A clinical case report .....</i>	1133

---

<b>BIANCA SZABO, DOINIȚA CRIȘAN, I. TOMPA, I. SZABO,</b> <i>Isolated neurosarcoidosis</i> .....	1139
<b>ELENI PANAGOULI, D. VENIERATOS,</b> <i>Right accessory hepatic artery arising from the left gastric artery: a case report</i> .....	1143
<b>CAMELIA DOBREA, MIHAELA MIHAI, E. DĂNĂILĂ, AMELIA GĂMAN, D. CORIU, IULIA URSULEAC,</b> <i>“In situ” mantle cell lymphoma associated with hyaline-vascular Castleman disease</i> .....	1147
<b>LILIANA ANA TUȚĂ, MĂDĂLINA BOȘOTEANU, MARIANA DEACU, E. DUMITRU,</b> <i>McKittrick–Wheelock syndrome: a rare etiology of acute renal failure associated to well-differentiated adenocarcinoma (G1) arising within a villous adenoma</i> .....	1153
<b>SELDA YILDIZ, A. CÖMERT, H. OZAN,</b> <i>A case of connected superior and middle trunks of the brachial plexus or with abnormal upper trunk</i> .....	1157

## CONFERENCE ANNOUNCEMENT

<b>A. FERNANDEZ-FLORES (Course Organizer),</b> <i>1<sup>st</sup> Dermatopathology Course in El Bierzo “Controversies in Dermatopathology”, July 19–20, 2012, Ponferrada, Spain</i> .....	1161
Guide for authors .....	1163

---