

Volume 53 Number 1, 2012

(new series)

ROMANIAN JOURNAL

OF

MORPHOLOGY AND EMBRYOLOGY



ROMANIAN ACADEMY PUBLISHING HOUSE

© 2012 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 Rareş 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/jresults.cgi?PC=MASTER&ISSN=1220-0522> >



MEDLINE ®
100100100110
10101010010105
1001000101010

PubMed ®
www.ncbi.nlm.nih.gov/pmc/

A service of the National Library of Medicine
and the National Institutes of Health

< [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]) >



embase ®
BIOMEDICAL ANSWERS

< http://www.info.sciverse.com/UserFiles/title_list.xls > < http://embase.com/info/UserFiles/Files/embase_journal_list_0611.xls >

SJR ®
SCImago
Journal & Country
Rank

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

INDEX COPERNICUS
JOURNALS MASTER LIST

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

**NATIONAL
UNIVERSITY
RESEARCH
COUNCIL**
CNCSIS

< http://www.cnccs.ro/userfiles/file/CENAPSOSS/A_iunie_2011_FI.pdf >

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

Volume 53 Number 1, 2012, p. 1–214
(new series)

CONTENTS

REVIEW

- I. A. CHECHERITĂ, DIANA SMARANDACHE, CRISTIANA DAVID, AL. CIOCÂLTEU, DANIELA ADRIANA ION,
I. LASCĂR,
Vascular calcifications in chronic kidney disease – clinical management 7

ORIGINAL PAPERS

- A. FERNANDEZ-FLORES,
Cannibalism in a benign soft tissue tumor (giant-cell tumor of the tendon sheath, localized type): a study of 66 cases 15
- E. MANDACHE, M. PENESCU,
Nanostructural features of diabetic podocytopathy 23
- CODRUȚA BELIBOU, CODRINA ANCUTĂ, E. ANCUTĂ, CRISTINA FILOȘ, RODICA CHIRIEAC,
Carotid intima-media thickness and plaque as surrogate biomarkers of atherosclerosis among consecutive women with systemic lupus erythematosus 29
- DANA CRISTINA BRATU, EM. A. BRATU, G. POPA, MAGDA LUCA, RALUCA BĂLAN, AL. OGODESCU,
Skeletal and dentoalveolar changes in the maxillary bone morphology using two-arm maxillary expander 35
- SIMONA ENACHE, D. ARSENE, CRISTINA IOSIF, M. STOICEA, ALINA GRIGORE, ANGELA PETRESCU,
V. ENACHE, CARMEN ARDELEANU,
Nestin and caveolin-1 in the diagnosis of GISTS 41
- MIOARA CALIPSOANA MATEI, L. NEGURĂ, LUDMILA LILIAĆ, ANCA NEGURĂ, DOINA AZOICĂI,
Validation of PCR-RFLP techniques for the evaluation of codon 72 of p53 and CYP1A1 gene's polymorphisms in relation with ovarian cancer in a Romanian population 47
- GEORGIANA CRISTIANA CAMEN, O. CARAIAN, MĂDĂLINA OLTEANU, A. CAMEN, ADINA BUNGET,
FLORINA CARMEN POPESCU, ANCA PREDESCU
Inflammatory reaction in chronic periodontopathies in patients with diabetes mellitus. Histological and immunohistochemical study 55
- ELENA COJOCARU, MIOARA TRANDAFIRESCU, MAGDA LEON, C. COTUȚIU, LILIANA FOIA,
Immunohistochemical expression of anti-CD68 antibody in atherosclerotic plaque 61
- T. MEZEI, EMÓKE HORVÁTH, M. TURCU, SIMONA GURZU, M. RAICA, I. JUNG,
Microvascular density in non-Hodgkin B-cell lymphomas measured using digital morphometry 67
-

ANCA ROŞU, CL. MĂRGĂRITESCU, A. STEPAN, ANCA MUŞETESCU, M. ENE, <i>IL-17 patterns in synovium, serum and synovial fluid from treatment-naïve, early rheumatoid arthritis patients</i>	73
N. STĂNCULEȚ, ADRIANA GRIGORAȘ, O. PREDESCU, ALINA FLOAREA-STRAT, CĂTĂLINA LUCA, CARMEN MANCIUC, CARMEN DOROBĂȚ, IRINA-DRAGA CĂRUNTU, <i>Operational scores in the diagnosis of chronic hepatitis. A semi-quantitative assessment</i>	81
L. P. DRAGOMIR, CRISTIANA SIMIONESCU, CL. MĂRGĂRITESCU, A. STEPAN, IULIANA MANUELA DRAGOMIR, M. R. POPESCU, <i>P53, p16 and Ki67 immunoexpression in oral squamous carcinomas</i>	89
D. ENE, SMARANDA POPESCU, RALUCA CIUREA, CRISTINA DANIELA OPREA, LORENA MIHAELA SFÎRLEAZĂ, <i>Surgical management of the esogastric junction adenocarcinoma according to its histological types</i>	95
RALUCA GRIGORE, Ș. V. G. BERTEȘTEANU, CARMEN AURELIA MOGOANTĂ, <i>Immunologic and cytogenetic markers expressed in non-Hodgkin lymphoma of head and neck</i>	99
ALMA FLORESCU, CRISTIANA SIMIONESCU, RALUCA CIUREA, ALLMA PITRU, <i>P53, Bcl-2 and Ki67 immunoexpression in follicular solid ameloblastomas</i>	105
SILVIA MÂRȚU, CORNELIA AMĂLINEI, MONICA TATARCIUC, MARIA ROTARU, OANA POTÂRNICHIE, LUDMILA LILIAC, IRINA-DRAGA CĂRUNTU, <i>Healing process and laser therapy in the superficial periodontium: a histological study</i>	111
M. C. NEAMȚU, LIGIA RUSU, M. MARIN, TAINA AVRAMESCU, P. F. RUSU, OANA MARIA NEAMȚU, MARIA IANCĂU, <i>Morphofunctional aspects of lower limb in multiple sclerosis</i>	117
GH. NINI, M. RAICA, V. NEAMȚIU, M. ONEL, <i>Morphological study of bronchial mucosa in the chronic obstructive pulmonary disease under the influence of therapeutic algorithm</i>	121
I. D. MARINAȘ, RALUCA MARINAȘ, IONICA PIRICI, L. MOGOANTĂ, <i>Vascular and mesenchymal factors during heart development: a chronological study</i>	135
ELENA ANNABEL NIȚULESCU, MONICA MIHAELA CRĂIȚOIU, MONICA ILEANA BANIȚĂ, EMMA DRĂGHICI, ȘTEFANIA CRĂIȚOIU, <i>The involvement of TGF-β1 and CTGF in regional gingival overgrowth</i>	143
C. SURCEL, CARMEN SAVU, C. CHIBELEAN, A. IORDACHE, C. MIRVALD, I. SINESCU, <i>Comparative analysis of different surgical procedures for female stress urinary incontinence. Is stem cell implantation the future?</i>	151
DANA CARMEN ZAHA, ELENA LAZĂR, <i>Molecular characterization of apoptosis by the immunohistochemical evaluation of Bcl-2 in breast cancer</i>	155
PETRA ȘURLIN, ANNE-MARIE RAUTEN, D. PIRICI, B. OPREA, L. MOGOANTĂ, A. CAMEN, <i>Collagen IV and MMP-9 expression in hypertrophic gingiva during orthodontic treatment</i>	161

CASE REPORTS

ALINA GRIGORE, LIANA TOMA, M. STOICEA, M. DINU, CARMEN ARDELEANU, <i>Rare renal tumor – mucinous tubular and spindle cell carcinoma</i>	167
MARIANA DEACU, DOINA ECATERINA TOFOLEAN, MĂDĂLINA BOȘOTEANU, MARIANA AŞCHIE, I. BULBUC, <i>Pulmonary alveolar lipoproteinosis associated with emphysematous areas</i>	173
ADRIENNE HORVÁTH, EMŐKE HORVÁTH, S. POPSOR, <i>Mandibular ameloblastic carcinoma in a young patient</i>	179
JING LI, ZHEN FENG REN, <i>Bilateral extensor indicis brevis: a rare muscular variant</i>	185
B. ROSENBUSCH, KATHARINA HANCKE, <i>Conjoined human oocytes observed during assisted reproduction: description of three cases and review of the literature</i>	189

SIMONA GURZU, T. BARA JR, T. BARA, I. JUNG, <i>Synchronous intestinal tumors: aggressive jejunal carcinoid and sigmoid malignant polyp</i>	193
CAMELIA DOBREA, M. CIOCHINARU, AMELIA GĂMAN, E. DĂNĂILĂ, D. CORIU, <i>Systemic mastocytosis associated with essential thrombocythemia</i>	197
T. RĂȘANU, MIHAELA MEHEDINȚI-HÂNCU, MARILENA ALEXIANU, T. MEHEDINȚI, EMMA GHEORGHE, IRENE DAMIAN, <i>Carnitine deficiency</i>	203

IN MEMORIAM

L. MOGOANTĂ, <i>Professor Florin Bogdan, MD, PhD (1928–2012)</i>	207
--	-----

CONFERENCE ANNOUNCEMENT

M. RAICA, L. MOGOANTĂ, <i>The Xth National Congress of Microscopic Morphology, May 24–26, 2012, Timisoara, Romania</i>	209
Guide for authors	211