

Volume 57 Number 3, 2016
(*new series*)

ROMANIAN JOURNAL
OF
MORPHOLOGY AND EMBRYOLOGY



ROMANIAN ACADEMY PUBLISHING HOUSE

© 2016 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 Petru Rareș Street, 200349 Craiova, Romania; Phone/Fax +40351-461 458, 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:



2015 JCR Science Edition (available June 13, 2016):

- Impact Factor: 0.811;
- 5-Year Impact Factor: 0.771;
- Article Influence Score: 0.149.

Web of Science – Science Citation Index Expanded

< <http://scientific.thomsonreuters.com/cgi-bin/jnlst/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.ncbi.nlm.nih.gov/nlmcatalog/9112454> >

< http://files.sciverse.com/documents/xlsx/title_list.xlsx >



< https://www.elsevier.com/_data/assets/excel_doc/0005/188807/Embase-journal-list-2016.xlsx >



SCImago
Journal & Country
Rank

< <http://www.scimagojr.com/journalsearch.php?q=83472&tip=sid&clean=0> >



< <http://jml2012.indexcopernicus.com/Romanian+Journal+of+Morphology+and+Embryology.p607.3.html> >



< http://uefiscdi.gov.ro/userfiles/file/CENAPOSS/rev_rom_isi_14%20iun_2016_factori.pdf >

ROMANIAN JOURNAL
OF
MORPHOLOGY AND EMBRYOLOGY

(Journal of the Romanian Society of Morphology)

Volume 57 Number 3, 2016, pp. 909–1180

(new series)

CONTENTS

REVIEWS

- ADRIANA GRIGORAȘ, SIMONA ELIZA GIUȘCĂ, ELENA ROXANA AVĂDĂNEI, CORNELIA AMĂLINEI, IRINA-DRAGA CĂRUNTU,**
Pointing at Ito cell, from structure to function (... or Cinderella story in liver histology) 915
- MIHAIL-LAZĂR MIOC, HORIA GEORGE HĂRĂGUȘ, ANDREI DAN BĂLĂNESCU, POMPILIU HORAȚIU PETRESCU, MIHAELA IACOB, RADU PREJBEANU,**
The utility of bone remodeling markers in the diagnosis, evolution and treatment response evaluation in bone metastases 925
- DAN NICOLAE FLORESCU, ELENA TATIANA IVAN, ADRIANA MIHAELA CIOCĂLTEU, IOANA ANDREEA GHEONEA, DIANA RODICA TUDORAȘCU, TUDOREL CIUREA, DAN IONUȚ GHEONEA,**
Narrow band imaging endoscopy for detection of precancerous lesions of upper gastrointestinal tract 931
- LAURA STĂTESCU, DAN VĂȚĂ, DELIA CIOBANU, LAURA GHEUCĂ SOLOVĂSTRU, MARIA ROTARU,**
Histopathological aspects in autoimmune cutaneous manifestations associated with hepatitis C virus infection 937

ORIGINAL PAPERS

- IOAN AVRĂMOIU, ILEANA OCTAVIA PETRESCU, MARIUS EUGEN CIUREA, ADRIANA BOLD, ISABELA SILOȘI, MARILENA MONICA ȚÂNȚU, MIHAELA NICULESCU, RUMI EUGEN ANGHEL SAVCIU, STELIAN ȘTEFĂNIȚĂ MOGOANTĂ,**
Peritumoral inflammatory reaction in non-melanoma skin cancers – histological and immunohistochemical study 943
- RALUCA-ȘTEFANIA FODOR, ANCA-MEDA GEORGESCU, BIANCA-LIANA GRIGORESCU, ADRIAN-DAN CIOC, MIHALY VERES, OVIDIU-SIMION COTOI, PAL FODOR, SANDA-MARIA COPOTOIU, LEONARD AZAMFIREI,**
Caspase 3 expression and plasma level of Fas ligand as apoptosis biomarkers in inflammatory endotoxemic lung injury 951
- LAURA ALEXANDRA NUSSBAUM, LAVINIA MARIA HOGEA, NICOLETA IOANA ANDREESCU, RALUCA CLAUDIA GRĂDINARU, MARIA PUIU, ANDREI TODICA,**
The prognostic and clinical significance of neuroimaging and neurobiological vulnerability markers in correlation with the molecular pharmacogenetic testing in psychoses and ultra high-risk categories 959
-

SIMONA NEGREȘ, ANCA ZANFIRESCU, FLORIANA ELVIRA IONICĂ, ELENA MOROȘAN, BRUNO ȘTEFAN VELESCU, OANA CRISTINA ȘEREMET, CRISTINA ELENA ZBÂRCEA, EMIL ȘTEFĂNESCU, MANUELLA MILITARU, ANDREEA LETIȚIA ARSENE, DENISA MARILENA MARGINĂ, LIVIA UNCU, CORINA SCUTARI, CORNEL CHIRIȚĂ, <i>Pharmacotoxicological screening on new derivatives of beta-phenylethylamine, potential agonists of beta3-adrenergic receptors</i>	969
ADRIANA FLORENTINA CONSTANTINESCU, MIHAELA IONESCU, VLAD-FLORIN IOVĂNESCU, MARIUS EUGEN CIUREA, ALIN GABRIEL IONESCU, COSTIN TEODOR STREBA, MARIUS-GABRIEL BUNESCU, ION ROGOVEANU, CRISTIN CONSTANTIN VERE, <i>A computer-aided diagnostic system for intestinal polyps identified by wireless capsule endoscopy</i>	979
ROSTYSLAV ANTONYUK, ALEXANDER LUTSYK, VOLODYMYR ANTONYUK, <i>Lectin purification from carp roe (Cyprinus carpio L.), investigation of its carbohydrate specificity and application in histochemistry</i>	985
COSTIN BERCEANU, ALEX EMILIAN STEPAN, CLAUDIA MEHEDIȚU, MONICA MIHAELA CÎRSTOIU, RĂZVAN CIORTEA, SABINA BERCEANU, IOANA ANDREEA GHEONEA, ELVIRA BRĂȚILĂ, <i>Morphological, imaging and surgical aspects in endometrial endometrioid adenocarcinoma</i>	995
ADELINA GABRIELA BOBIC, ȘTEFANIA CRĂIȚOIU, ROXANA MARIA PASCU, ILEANA CRISTIANA CROITORU, MARIUS MATEI, FLORIAN OBĂDAN, MONICA MIHAELA CRĂIȚOIU, <i>Experimental animal model in a histological study of drug-induced gingival overgrowth</i>	1003
CRISTIAN CONSTANTIN, DANA-MARIA ALBULESCU, VALERIA-CARMEN ALBU, ANIELA RALUCA DANCIU, ANDREI-CONSTANTIN DEACONU, <i>Correlations between etiological factors and lesion severity in carotid artery atheromatosis</i> ...	1011
OANA CRISTINA ȘEREMET, FLORICA BĂRBUCEANU, FLORIANA ELVIRA IONICĂ, DENISA MARILENA MARGINĂ, CLAUDIA MARIA GUȚU, OCTAVIAN TUDOREL OLARU, MIHAELA ILIE, VEACESLAV GONCIAR, SIMONA NEGREȘ, CORNEL CHIRIȚĂ, <i>Oral toxicity study of certain plant extracts containing pyrrolizidine alkaloids</i>	1017
IONELA CRISTINA DELIU, CARMEN-DANIELA NEAGOE, MARINELA BEZNĂ, AMELIA-VALENTINA GENUNCHE-DUMITRESCU, SEBASTIAN CONSTANTIN TOMA, BOGDAN SILVIU UNGUREANU, CONSTANTIN DANIEL USCATU, MARIA CRISTINA BEZNĂ, CRISTIAN VIRGIL LUNGULESCU, VLAD PĂDUREANU, DAN IONUȚ GHEONEA, TUDOREL CIUREA, MARIA FORȚOFOIU, <i>Correlations between endothelial cell markers CD31, CD34 and CD105 in colorectal carcinoma</i> ...	1025
ELENA TĂȚĂRANU, SMARANDA DIACONESCU, CAMELIA GEANINA IVĂNESCU, IOAN SÂRBU, MARIA STAMATIN, <i>Clinical, immunological and pathological profile of infants suffering from cow's milk protein allergy</i>	1031
ANDREI IOAN DROCAȘ, PAUL IOAN TOMESCU, GEORGE MITROI, PETRU OCTAVIAN DRĂGOESCU, CLAUDIU MĂRGĂRITESCU, ALEX EMILIAN STEPAN, VALERIU ȘURLIN, ȘTEFANIA CRĂIȚOIU, ILEANA DROCAȘ, ANCA MARILENA UNGUREANU, ALICE ELENA GĂMAN, ADRIANA TURCULEANU, CRISTIANA EUGENIA SIMIONESCU, <i>The cadherin switch assessment in the epithelial-mesenchymal transition of urothelial bladder carcinomas</i>	1037
CONSTANTIN VIRGIL GÎNGU, MIHAELA MIHAI, CĂTĂLIN BASTON, MUGUREL ALEXANDRU CRĂSNEANU, ALEXANDRU VLADIMIR DICK, VLAD OLARU, IOANEL SINESCU, <i>Primary retroperitoneal seminoma – embryology, histopathology and treatment particularities</i> ...	1045
TIBERIU PAUL NEAGU, MIRELA ȚIGLIȘ, CRISTIANA GABRIELA POPP, CRISTIAN RADU JECAN, <i>Histological assessment of fracture healing after reduction of the rat femur using two different osteosynthesis methods</i>	1051
MIHAELA MONICA SCUTARIU, IORDANIS SALAMASTRAKIS, CRISTINEL IONEL STAN, ALIN HORAȚIU NEDELICU, LIVIU CIPRIAN GAVRIL, CLAUDIA FLORIDA COSTEA, ANA MARIA DUMITRESCU, ANCA SAVA, ELENA ȘAPTE, <i>Histopathological consequences of hyperzincemia on rat teeth. Experimental study</i>	1057
CIPRIAN DUȚĂ, SORINA TĂBAN, DIANA AL-JOBORY, ADELINA-ROXANA GHEJU, ROMULUS-BOGDAN TIMAR, SORIN DEMA, POMPILIU HORAȚIU PETRESCU, <i>Histopathological findings regarding oncological feasibility of laparoscopic versus open approach for rectal cancer: a retrospective study</i>	1063

EMANUELA LIDIA CRĂCIUNESCU, MARIUS BOARIU, CIPRIAN IONIȚĂ, DANIELA MARIA POP, COSMIN SINESCU, MIHAI ROMÎNU, MEDA LAVINIA NEGRUȚIU, <i>Micro-CT and optical microscopy imagistic investigations of root canal morphology</i>	1069
---	------

CASE REPORTS

ILEANA OCTAVIA PETRESCU, IANCU EMIL PLEȘEA, MARIA CAMELIA FOARFĂ, SIMONA BONDARI, CRISTINA ELENA SINGER, ELENA MĂDĂLINA DUMITRESCU, RĂZVAN COSMIN PANĂ, GEORGETA LIGIA STĂNESCU, MIRCEA OVIDIU CIOBANU, <i>Rare thymic malignancy of B-cell origin – T-cell/histiocyte-rich large B-cell lymphoma</i>	1075
LAURA OTILIA DAMIAN, SIAO-PIN SIMON, IOANA FELEA, CAROLINA BOTAR-JID, BOGDAN STANCU, LILIANA ROGOJAN, CRISTINA ANA MARIA PAMFIL, ADRIANA ALBU, SIMONA REDNIC, <i>Redundant plantar skin folds</i>	1085
CONSTANTIN-CRISTIAN VĂDUVA, CARMEN CONSTANTINESCU, MIHAELA ȚENOVICI, ALICE ROXANA VĂDUVA, MIHAELA NICULESCU, DAMIAN DIȚESCU, CRISTINA CRENGUȚA ALBU, DINU FLORIN ALBU, <i>Delayed interval delivery in twin pregnancy – case reports</i>	1089
MARIA CRISTINA BEZNĂ, DOINA CÂRSTEA, MARINELA BEZNĂ, OCTAVIAN ISTRĂTOAIE, IONELA CRISTINA DELIU, PETRU RĂZVAN MELINTE, <i>Visceral and tissular reactivity in acute heart failure due to supraventricular tachyarrhythmia in a young patient</i>	1099
FLORIN-LIVIU GHERGHINA, ADRIAN CAMEN, MARIA CRISTINA MUNTEANU, CLAUDIU MĂRGĂRITESCU, CĂLIN-GABRIEL ȘARLĂ, <i>Parotid sclerosing mucoepidermoid carcinoma: a case report and immunohistochemical study</i>	1107
GEORGE LUCIAN ZORILĂ, MARIUS CRISTIAN MARINAȘ, MARIA FLOREA, CIPRIAN LAURENȚIU PĂTRU, ROXANA CRISTINA DRĂGUȘIN, RĂZVAN GRIGORAȘ CĂPITĂNESCU, MARIAN VALENTIN ZORILĂ, ROXANA EUGENIA ZĂVOI, CRISTIANA EUGENIA SIMIONESCU, DOMINIC GABRIEL ILIESCU, ȘTEFANIA TUDORACHE, <i>Stillbirth in dichorionic twins discordant for major and minor anomaly, followed by asynchronous delivery – a rare occurrence. Case presentation</i>	1117
ANDREEA GABRIELLA ANDRONESI, GENER ISMAIL, ANDREEA-CĂTĂLINA FETECĂU, MIHAELA GHERGHICEANU, GEORGE MITROI, MIHAI CRISTIAN HĂRZA, <i>Smoking-associated nodular glomerulosclerosis, a rare renal pathology resembling diabetic nephropathy: case report</i>	1125
ELVIRA BRĂTILĂ, OANA-MARIA IONESCU, COSTIN BERCEANU, CIPRIAN-ANDREI COROLEUCĂ, CARMEN MARIA ARDELEANU, CLAUDIA MEHEDIȚU, <i>Vaginal epithelioid angiosarcoma: a rare case</i>	1131
OLIVERA LUPESCU, MIHAIL NAGEA, RĂZVAN SCURTU, NICOLAE MARIAN CIUREA, ALEXANDRU LISIAS DIMITRIU, NARCIS MARCOV, GHEORGHE ION POPESCU, SIMONA BONDARI, <i>Acute cellulitis as local reaction to orthopedic implant – case presentation</i>	1137
LIGIA-ARIANA BANCU, CORINA URECHE, NICOLETA-MARIA CRĂCIUN, DORIN MARIAN, <i>A case of Sweet's syndrome associated with uveitis in a young male with ulcerative colitis</i>	1145
LUMINIȚA-NICOLETA CIMA, SIMONA VASILICA FICA, ALICE IOANA ALBU, IOANA MARIA LAMBRESCU, IOANA-SMĂRĂNDIȚA LĂCĂU, BOGDAN OVIDIU POPESCU, MIHAELA GHERGHICEANU, CORIN VIRGIL BADIU, CARMEN GABRIELA BARBU, <i>Cerebral arteriopathy with subcortical infarcts and leukoencephalopathy in acromegalic patient with severe headache</i>	1149
CRISTINA GEORGIANA GHIB PARA, MIRCEA FLORIN SFERDIAN, VOICU DAȘCĂU, LUCIAN PĂIUȘAN, IOAN IOIART, <i>Clinical and morphological considerations in one case with cervical cancer and right uretero- hydronephrosis</i>	1155
ALIN HORAȚIU NEDELCU, RĂZVAN TUDOR ȚEPORDEI, ANCA SAVA, CRISTINEL IONEL STAN, ANDA MARIA AIGNĂTOAEI, TRAIAN ȚĂRANU, MANUELA URSARU, <i>Supernumerary fronto-orbital arteries arising from contralateral anterior cerebral artery associated with partially duplicated anterior communicating artery – case study and literature review</i>	1159

ZIZI NICULESCU, VICTORIA ULMEANU, MIHAELA MARIA GHINEA, LILIANA MOCANU, COSTIN NICULESCU, MIRCEA GRIGORIAN, <i>Gallbladder carcinoma – a rare cause of pyloric-duodenal stenosis</i>	1165
AGRIPINA RAȘCU, EUGENIA NAGHI, MARINA-RUXANDRA OȚELEA, FLOAREA MIMI NIȚU, OANA-CRISTINA ARGHIR, <i>Distinction between mesothelioma and lung adenocarcinoma based on immunohistochemistry in a patient with asbestos bodies in bronchoalveolar fluid – case report</i>	1171
Guide for authors	1175
