

Editor in Chief

Radu Ion Badea

Associate Chief Editor

Petru-Adrian Mircea

Senior Editor

Dan L. Dumitraşcu

Honorary Board Adviser

Monica Acalovschi

Associate Editors

Ioana Berindan Neagoe

Radu Nicolaie Oprean

Editorial Assistant

Monica Platon Luşor

Editorial Office

Mîndra Eugenia Badea

Mihaela Băciuţ

Cristian Bârsu

Cosmin-Nicolae Caraiani

Simona Clichici

Horaţiu Colosi

Doiniţa Crişan

Ofelia Crişan

Diana Dudea

Sorin Marian Dudea

Daniela Fodor

Călin Lazăr

Felicia Loghin

Valentin Muntean

Andrada Seicean

Copy Editor

Ioana Robu

Website Manager

Daniel-Corneliu Leucuţa

Art and Graphic Design

Adrian Grecu

Desktop Publishing

Anne-Marie Constantin

Editorial Secretary

Dorina Sorcoi

MPR - Medicine and Pharmacy Reports

Vol. 94, No. 1, 2021

p-ISSN 2602-0807, e-ISSN 2668-0572

CONTENT

EDITORIAL

The centennial of the medical journal *CLUJUL MEDICAL**Dan L. Dumitrascu* 5

REVIEWS

Gastroenterology

Chronic atrophic gastritis: an update on diagnosis

Adriana Botezatu, Nicolae Bodrug 7

Internal Medicine

Metabolic syndrome and heart failure: mechanism and management

Sidhi Laksono Purwowiyoto, Ananta Siddhi Prawara 15

Dental Medicine

The advantages of the dental operative microscope in restorative dentistry

Marius Bud, Stefan Jitaru, Ondine Lucaciu, Bora Korkut, Lucia Dumitrascu-Timis, Corina Ionescu, Sanda Cimpean, Ada Delean 22

Pharmacology

Safety and efficacy of iota-carrageenan nasal spray in treatment and prevention of the common cold

Diana Bichiri, Ana Rita Rente, Ángelo Jesus 28

ORIGINAL RESEARCH

Embryology

Early development of human ganglionic eminences assessed *in vitro* by using 7.04 Tesla micro-MRI – a pilot study*Dan Boitor-Borza, Flavius Turcu, Stefan Farcasanu, Carmen Crivii* 35

MPR - Medicine and Pharmacy Reports

Vol. 94, No. 1, 2021

p-ISSN 2602-0807, e-ISSN 2668-0572

Gastroenterology

Young age and short duration of the disease are associated with more frequent relapses in inflammatory bowel disease patients

Radislav Nakov, Ventsislav Nakov 43

Hematology

Comparative survival analysis using the International Stratification Score (ISS) in newly-diagnosed multiple myeloma in the Uruguayan population

David Israel Garrido, Virginia Bove, Victoria Matosas, Eloisa Riva 48

Immunology

Comparison of immunoglobulin E anti-thyroid peroxidase antibodies in patients with Hashimoto thyroiditis and chronic spontaneous urticaria

Songül Çildağ, Çiğdem Yenisey, Mustafa Ünübol, Taşkın Şentürk 53

Medical Imaging

Asymptomatic COVID-19 cancer patients incidentally discovered during F18-FDG PET/CT monitoring

Andra Piciu, Simona Manole, Doina Piciu, Teodora Dreve, Andrei Roman 58

Oncology

Immunohistochemical analysis of beta-catenin expression: a probable prognostic marker and potential therapeutic target in renal cell carcinoma

Ayan Kundu, Anway Sen, Shouvik Choudhury, Tapan Kumar Mandal, Debasish Guha, Sandeep Lahiry 65

Pediatrics

Changes in the parameters of the rectoanal inhibitory reflex in children with functional constipation and large rectum

Daniela Pop, Simona Tătar, Otilia Fufezan, Dorin Farcău 73

Psychology

Assessment of psychological distress in end stage renal disease: is it spirituality related?

Evangelos C. Fradelos, Victoria Alikari, Konstantinos Tsaras, Ioanna V. Papathanasiou, Foteini Tzavella, Dimitrios Papagiannis, Sofia Zyga 79

Editorial Board

Ludovico Abenavoli (Italy)

Andrei Achimaş (Romania)

Istvan Altorjay (Hungary)

Dinu Antonescu (Romania)

Adriana Băban (Romania)

Grigore Băciuş (Romania)

Marius Bojiţă (Romania)

Ion I. Bruckner (Romania)

Anca Buzoianu (Romania)

Radu Câmpian (Romania)

Constantin Ciuce (Romania)

Ştefan Ciurea (TX, USA)

Anne-Marie Constantin (Romania)

Douglas Drossman (NC, USA)

Dorin Farcău (Romania)

Ioan Ştefan Florian (Romania)

Shigeo Fuji (Japan)

Ion Fulga (Romania)

Alexandru Georgescu (Romania)

Liana Gheorghe (Romania)

Gabriel Ghiaur (MD, USA)

Ravnit Grewal (South Africa)

Mircea Grigorescu (Romania)

Waseem TY Hamoudy (Jordan)

Nicolae Hâncu (Romania)

Laszlo Herszenyi (Hungary)

Alexandru Irimie (Romania)

Cornel Iancu (Romania)

Vladimir Lazar (France)

Sorin Man (Romania)

Peter Manu (NY, USA)

Traian Mihăescu (Romania)

Adriana Mureşan (Romania)

Dafin Mureşanu (Romania)

Laurenţiu Nedelcu (Romania)

Manuela G. Neuman (Canada)

Angelo Paradiso (Italy)

Alina Pârnu (Romania)

Virgil Păunescu (Romania)

Aurel Popa-Wagner (Germany)

Mihai Popescu (Romania)

Paul J. Porr (Romania)

Piero Portincasa (Italy)

Liren Qian (China)

Liliana Rogozea (Romania)

Vlaicu Sandor (Romania)

Adrian Săftoiu (Romania)

Florin Stamatian (Romania)

Luminiţa Stanciu (United Kingdom)

Ciprian Tomuleasa (Romania)

Radu Tutuiian (Switzerland)

"Medicine and Pharmacy Reports"
Editorial Office
Str. Moșilor, nr. 33
RO-400609 Cluj-Napoca, România
Tel/fax: +40-264-596086

E-mail
info@medpharmareports.com

Site
www.medpharmareports.com

Indexed
PubMed
PubMed Central
SCOPUS
CAB Abstracts
EBSCO
Index Copernicus
getCited
JournalSeek
Open Access Directory
InfoBase
SCIPPIO

Publisher
Iuliu Hațieganu Medical
University Publishing House

MPR - Medicine and Pharmacy Reports

Vol. 94, No. 1, 2021
p-ISSN 2602-0807, e-ISSN 2668-0572

Dental Medicine

- Cytogenetic analysis of genetic damage in young individuals exposed to chronic mechanical irritation in the lateral border of the tongue due to sharp teeth – a novel study
Thuckanickenpalayam Ragunathan Yoithaprabhunath, Nalliappan Ganapathy, Seeni Renugadevi, Jalaludheen Misbha Rafath, Vishnuvarthan Aparna, Janardhanam Dineshshankar 88
- Evaluation of gingival and periodontal status in obese and non-obese type II diabetic patients – a cross sectional study
Kenniyan Kumar SriChinthu, Velusamy Pavithra, G.S. Kumar, Harikrishnan Prasad, Perumal Prema, Thuckanickenpalayam Ragunathan Yoithaprabhunath, Nagarajan Rangarajan 94
- Optical properties and masking capacity of flowable giomers
Mara Elena Rusnac, Cristina Gasparik, Ada Gabriela Delean, Alexandra Iulia Aghiorghiesei, Diana Dudea 99
- Ligature induced periodontitis causes atherosclerosis in rat descending aorta: an experimental study
Tudor Dimitriu, Pompei Bolfa, Zsofia Daradics, Șoimița Suciu, Gabriel Armencea, Cornel Cătoi, Cristian Dinu, Grigore Băciuț, Sergiu Văcăraș, Simion Bran, Mihaela Băciuț 106

CASE REPORTS

Dermatology

- Nevus sebaceus of Jadassohn - high frequency ultrasound imaging and videodermoscopy examination. Case presentation
Artur Bezugly, Tatiana Sedova, Pavel Belkov, Damir Enikeev, Ruslan Voloshin 112

Neurology

- Bilateral Bell's palsy in a young female: a rare case report
Mathangi Kumar, Shruthi Acharya, Ravindranath Vineetha, Keerthilatha M. Pai 118
- Multiple strokes and cerebral microangiopathy in a patient with Churg-Strauss syndrome
Vitalie Văcăraș, Roxana-Maria Radu, Enia Cucu, Fior Dafin Mureșanu 121

THANKS TO OUR REVIEWERS IN 2020 125

