

PERSONAL INFORMATION

MEDERLE OVIDIU ALEXANDRU



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Gender Male | Birth date 05/02/1966 | Nationality Romanian

PROFESSIONAL EXPERIENCE

2021–present	Head of Emergency Medicine Department City Hospital Accident and Emergency Timisoara
2019 - present	Director of the Center for Practical Skills "Victor Babeș" University of Medicine and Pharmacy Timișoara
2019 - present	University Professor – Discipline of Emergency Medicine & Honorary Lecturer "Victor Babeș" University of Medicine and Pharmacy Timișoara Emergency Discipline. Department of Surgery 2017 - Emergency Medicine course – the 4th year General Medicine, Romanian, French and English section
2017 - 2019	Associate Professor - "Victor Babeș" University of Medicine and Pharmacy Timișoara Discipline of Emergency Medicine - Department of Surgery 2017 - Emergency Medicine course – the 4th year General Medicine- Romanian, French and English section
2006 - 2017	Associate Professor "Victor Babeș" University of Medicine and Pharmacy Timișoara Discipline of Histology and Cytology, Department of Microscopic Morphology 2006: Histology course – the 2nd year, General Medicine, Romanian and French section
2012- 2016 2020- present	Member of the University Senate "Victor Babeș" University of Medicine and Pharmacy Timișoara

2017 –PRESENT

Head of Emergency Medicine Discipline / Department of Surgery
"Victor Babes " University of Medicine and Pharmacy Timisoara

1999 - 2006

Lecturer

"Victor Babes" University of Medicine and Pharmacy Timișoara

The Discipline of Histology and Cytology, Department of Microscopic Morphology

1995 - 1999

Assistant Professor

"Victor Babes" University of Medicine and Pharmacy Timișoara

Discipline of Histology and Cytology, Department of Microscopic Morphology

1994 - 1995

University Assistant

"Victor Babes" University of Medicine and Pharmacy Timișoara

Discipline of Histology and Cytology, Department of Microscopic Morphology

2001- present

Consultant Emergency Department

City Hospital Accident and Emergency Timisoara

1996 - 2001

Specialist Registrar in Emergency Medicine

City Hospital Accident and Emergency Timisoara

EDUCATION AND TRAINING

2019

Habilitation Thesis

"Contributions to the application of histochemical and immunohistochemical methods in diagnostic procedures and with potential therapeutic impact"

"Victor Babes" University of Medicine and Pharmacy Timișoara

▪ Habilitation certificate No. 4302 / 20.06.2019

2013

Healthcare Management Course

"Victor Babes" University of Medicine and Pharmacy Timișoara

1995 - 1998 **Doctoral School -**
 "Victor Babeş" University of Medicine and Pharmacy Timișoara
 ▪ Doctor of Medicine

1993 - 1996 **Emergency Medicine Residency**
 "Victor Babeş" University of Medicine and Pharmacy Timișoara

1991 - 1993 **Trainee doctor -General Medicine**
 "Victor Babeş" University of Medicine and Pharmacy Timișoara

1985 - 1991 **MD Diploma**

 Graduating thesis: Morpho-histochemical and immunohistochemical research on punch biop in chronic postviral hepatopathy",
 "Victor Babeş" University of Medicine and Pharmacy Timișoara

PERSONAL COMPETENCIES

MOTHER TONGUE(S) Write your mother tongue/languages

Roman

OTHER KNOWN FOREIGN
LANGUAGES

UNDERSTANDING		SPEECH		WRITING
OBEDIENCE	READ	JOIN THE CONVERSATION	ORAL SPEECH	
ENGLISH	B2	B2	B2	B2
FRENCH	C2	C2	C2	C2

Levels: A1/A2: Basic User - B1/B2: Independent User - C1/C2: Experienced User
[Common European Framework of Reference for Languages](#)

PROFESSIONAL SKILLS
AND COMPETENCES

Postgraduate course in "Normal and Pathological Cytology"
Morphohistochemistry and immunohistochemistry of the liver parenchyma
BLS, ALS Course

PROFESSIONAL
ASSOCIATIONS

Member of Romanian Society of Morphology

Member of European Society of Emergency Medicine

Member of Romanian Society of Emergency Medicine

Guest Editor – Special Issue ” Emergency Medicine: Clinical Advances and Challenges in Diagnosis and Treatment”

SCIENTIFIC
PUBLICATIONS

1.Books:

1. M Raica, **Ovidiu Mederle**, Irina-Draga Căruntu, Alina Pinte, Ane-Marie Chindriș-*Theoretical and practical histology*, Publisher- Brumar, Timișoara, ISBN 973-602-047-9, 491p., 2004.
2. **Ovidiu Mederle**, Raica M – *Histology of the Oral Cavity*, Publisher- Mirton, Timișoara, ISBN 973-585-299-3, 146p., 2001.
3. **Ovidiu Mederle**, C Mederle, M Raica - *Renal system histology and physiology*, Publisher- Mirton, Timișoara, ISBN 973-578-717-2, 174 p., 1999.
4. C Mederle, **Ovidiu Mederle** - *Pathogenic mechanisms in bronchial asthma*, PublisherMirton , Timișoara, ISBN 973-578-432-7, 134 p., 1998.
5. M Raica, **Ovidiu Mederle** - *Clinical cytology*, Publisher- Mirton, Timișoara, ISBN 973-578-442-4, 298 p., 1997.
6. M Raica, A Alexa, M Iacovliev, R Lighezan, S Sârb, **Ovidiu Mederle** - *Histology – practical manual vol II*, Publisher- Mirton , Timișoara, ISBN 973-578-449-4, 129 p., 1997.
7. M Raica, D Herețiu, **Ovidiu Mederle** -*Interpretation of liver biopsies*, Publisher - Mirton, Timișoara, ISBN 973-578-320-7, 147 p., 1997.
8. M Raica, M Iacovliev, A Alexa, **Ovidiu Mederle**, S Sârb- *Medical Histology*, Publisher -Mirton , Timișoara, ISBN 973-578-316-7, 432 p., 1997.
9. M Raica, A Dumnici, C Mederle, **Ovidiu Mederle** - *Precancerous gastric lesions*, Publisher- Mirton, Timișoara, ISBN 973-578-250-2, 133 p., 1997.
- 10.M Raica, **Ovidiu Mederle**, A Grigoraș -*Dental Histology*, Publisher- Mirton, Timișoara, ISBN 973-578-147-6, 183 p., 1996
11. Pus Gaje, M Raica, **Ovidiu Mederle**- *Oral histology* Publisher- Lito UMF Timisoara 2010
12. Bernard Elena, M Craina, **Ovidiu Mederle** *Provider Guide Cervical Cancer Screening Programme* Publisher Mirton, Timișoara, 2014, 183p ISBN 978-973-5214388

2. ISI Publications

- 1) Boia, S; Boia, ER; Ceașu, RA; Balica, CN; **Mederle, O** - *HPV18 Associated with E-cadherin Expression in Head and Neck Squamous Cell Carcinoma*, Chemistry Journal, Volume: 69, Issue: 8 Pages 2638-2641, 2018, ISSN: 0034-7752, IF=1,605
- 2) Chivu Oana Roxana, **Mederle O**, Semenescu A, Mateș Ileana, Babiș C, Demetrian Camelia, Negoită Olivia, Demetrian A - *The Determination of the Noise Pollution in a Production Hall and the Diseases Produced by It* – Chemistry Journal, 69, No. 4, 2018, Pages: 875-880, ISSN: 0034-7752, IF=1,605
- 3) Cîmpean Anca Maria, Lalošević D, Lalošević Vesna, Banović P, Raica M, **Mederle O**- *Disodium*

- Cromolyn and Anti-podoplanin Antibodies Strongly Inhibit Growth of BHK 21/C13-derived Fibrosarcoma in a Chick Embryo Chorioallantoic Membrane Model- In vi** vol 32: 791-798 (2018) ISSN: 0258-851X, IF=1,609.
- 4) Gurban Camelia Vidița, Florina-Maria Andrica, Cîtu C, Hogeia Elena, Marincu I, Cornianu Marioara, **Mederle O - Combined Therapies in Abdominal Actinomycosis**, Chemistry journal, 67, No.1, 2016, Pages: 171-173 ISSN: 0034-7752, IF=1,232
 - 5) Gurban, Camelia Vidița; **Mederle, O. The OPG/RANKL system and zinc ions are promoters of bone remodeling by osteoblast proliferation in postmenopausal osteoporosis, Romanian Journal of Morphology And Embryology**, Chemistry Journal Volume: 52 Issue: 3 Supplement: S 2011 Pages: 1113-1119, 2011, ISSN: 1220-0522 IF=0,523
 - 6) Mederle, N; Dărăbuș, G; Oprescu, I; Morariu, S; Hora, FS; Lighezan, R; **Mederle, O -Identification of potential zoonotic parasitic elements in parks and playgrounds for children in Timisoara**, The Romanian Journal of Veterinary Medicine, Volume: 26 Issue: 4 Pages: 23-26, 2016
 - 7) Mederle Narcisa, Maria Luisa Lobo, Sorin Morariu, Florica Morariu, Gheorghe Dărăbuș, **Ovidiu Mederle, Olga Matos - Microscopic and Molecular Detection of Nosema ceranae in Honeybee Apis mellifera L. from Romania Status on pathogen worldwide distribution**, Chemistry Journal Volume 69, No.12, 2018, ISSN: 0034-7752, IF=1,605
 - 8) **Mederle, OA; Balas, M; Ioanoviciu, SD; Gurban, CV; Tudor, A; Borza, C. - Correlations between bone turnover markers, serum magnesium and bone mass density in postmenopausal osteoporosis, Clinical Interventions In Aging**, Volume: 13 Pages: 1383-1389, 2018, DOI: 10.2147/CIA.S170111, IF= 2,585
 - 9) Nicolov Mirela, Heghes Alina, Petre Izabella, **Mederle O- Theoretical and Experimental Analysis of SiO2 - a Proof of Hartman Perdok Method-** Chemistry Journal, volume 69, No. 5, 2018, Pages:948-951, ISSN: 0034-7752, IF=1,605
 - 10) Pirtea L, Grigoraș D, Secoșan Cristina, Sas I, Ilina R, Jitariu Adriana, **Mederle O- Clinical and Histopathological Parameters Correlate with Microvessel Density but Not with Vascular Endothelial Growth Factor Expression in Ovarian Cancer**, Chemistry journal, volume 69, No. 5, 2018, Pages: 1173-1178 ISSN: 0034-7752, IF=1,605
 - 11) Prodea, M; Boia, ER; Ceașu, RA; Librimir., C; Iovănescu., G; **Mederle, O- Lung Delayed Hypersensitivity A case with features**, Chemistry Journal, Volume: 69, Issue: 8 Pages: 2071-2073, 2018, ISSN: 0034-7752, IF=1,605
 - 12) Mareș M, Moroti-Constantinescu Valentina-Ruxandra, Voroneanu Luminița, Doroftei Florica, Covic A, **Mederle O - Invasive pulmonary infection due to Thermoascus crustaceus in a kidney transplant recipient**, Infect Drug Resist. 2019; 12: 1929–1934, doi: 10.2147/IDR.S209164, IF=3
 - 13) Prodea, MC; Sandru, F; Carpenco, E; Gaje, PN; Horhat, ID; Ceașu, AR; Mederle, N; **Mederle, O - A Rare Sweat Gland Tumour- Immunohistochemical Features**, Chemistry Journal, Volume: 70, Issue: 5, Pages: 1863-1865, 2019, ISSN: 0034-7752, IF=1,605
 - 14) Bostanaru, AC; Rosca, I; Minea, B; Nastasa, V; Foia, L; Marincu, I; Mares, M ; **Mederle, OA - Genotype comparison of Candida albicans isolates from different clinical samples**, Romanian Journal of Laboratory Medicine, 27: 3 Pages: 327-33 , 2019, DOI: 10.2478/rrlm-2019-0027 IF=0.8
 - 15) Chioibaș R, Borcan F, **Mederle O**, Stoian D, Șoica C - **Comparative Characterization of Different Samples Containing Nano-ZnO Particles with Applicability in Topical Therapies**, Plastic Materials -chemistry journal, 56, No. 3,2019, Pages: 652-657, IF=1.393
 - 16) Simon C, Bratu C, Motoc A, Popa G, Pop I, **Mederle O - Immunohistochemical Analysis of Gingival Proliferative Processes Associated with Fixed Orthodontic Therapy**, Chemistry Journal, Volume: 72, Issue: 2, Pages: 302-306, 2020, ISSN: 0034-7752, IF=1,605
 - 17) Alina Petrica, Diana Lungeanu, Alexandru Ciuta, Adina M. Marza, Mihai-Octavian Botea, **Ovidiu A. Mederle - Using 360-degree video for teaching emergency medicine during and beyond the COVID-19 pandemic**, ANNALS OF MEDICINE, 2021, VOL. 53, NO. 1, 1520–1530<https://doi.org/10.1080/07853890.2021.1970219>

- 18) Adina Maria Marza, Alina Petrica, Florina Nicoleta Buleu, **Ovidiu Alexandru Mederle -Case Report: Massive Spontaneous Pneumothorax—A Rare Form of Presentation for Severe COVID-19 Pneumonia**, Medicina 2021, 57, 82. <https://doi.org/10.3390/medicina57020082>, IF=1,205
- 19) Alexandra Mocanu, Gratiela Georgiana Noja, Alin Viorel Istodor, Georgiana M, Marius Leretter, Laura-Cristina Rusu, Adina Maria Marza, **Alexandru Ovidiu Mederle- Individual Characteristics as Prognostic Factors of the Evolution of Hospitalized COVID-19 Romanian Patients: A Comparative Observational Study between the First and Second Waves Based on Gaussian Graphical Models and Structural Equation Modelin**, J. Clin. Med. 2021, 10, 1958. <https://doi.org/10.3390/jcm10091958>
<https://www.mdpi.com/journal/jcm>.
- 20) Alexandra Mocanu, Voichita Elena Lazureanu, Adelina Raluca Marinescu, Talida Georgiana Cut, Ruxandra Laza, Laura-Cristina Rusu, Adina Maria Marza, Andreea Nelson-Twakor, Rodica Anamaria Negrean, Irina-Maria Popescu, **Alexandru Ovidiu Mederle - Retrospective Assessment of Laboratory Findings and Cytokine Markers in Severe SARS-CoV-2 Infection among Patients of Roma Population** *J. Clin. Med.* 2022, 11, 6777. <https://doi.org/10.3390/jcm11226777>, <https://www.mdpi.com/journal/jcm>
- 21) Adina Maria Marza, Alina Petrica, Diana Lungeanu, Dumitru Sutoi, Alexandra Mocanu, Ioan Petrache, **Ovidiu Alexandru Mederle- Risk factors, characteristics, and outcome in non-ventilated patients with spontaneous pneumothorax or pneumomediastinum associated with SARS-CoV-2 infection**,<https://doi.org/10.2147/IJGM.InternationalJournalofGeneralMedicine2022:15>
- 22) Alexandra Stanciugelu, Alina Petrică, Sorin Dan Chiriac, Mircea Iurciuc, Madalina Veronica Boruga, Nicolae Balica, Ovidiu Alexandru Mederle- **A rare encounter with two cases of Budd-Chiari syndrome in the Emergency Department: A case report** *EXPERIMENTAL AND THERAPEUTIC MEDICINE* 24: 730, 2022 DOI: 10.3892/etm.2022.11666
- 23) A. Mocanu, V. Lazureanu, T. Cut, R. Laza, V. Musta, N. Nicolescu, A. Marinescu, A. Nelson-Twakor, R. Dumache, **O. Mederle - Angiocatheter Decompression on a Covid-19 Patient with severe Pneumonia, Pneumothorax, and Subcutaneous Emphysema**, *Clinical Laboratory*, Volume 68, Issue 11, Page2403-2412 10.7754/Clin.Lab.2022.220147
- 24) Mocanu, A , Lazureanu, VE; Laza, R; Marinescu, AR; Cut, TG; Sincaru, SV; Marza, AM; Popescu, IM; Herlo, LF; Nelson-Twakor, A; Rivis, M; Bratosinan, F; Porosnicu, TM; **Mederle, AO - Laboratory Findings and Clinical Outcomes of ICU-admitted COVID-19 Patients: A Retrospective Assessment of Particularities Identified among Romanian Minorities**, *JOURNAL OF PERSONALIZED MEDICINE*-Volume13Issue2, DOI10.3390/jpm13020195
- 25) Ana-Maria Marin, **Ovidiu-Alexandru Mederle**, Gianluca Marucci, Dan-Cornel Popovici, Narcisa Mederle. **First Identification and Molecular Characterization of Trichinella britovi (Nematoda: Trichinellidae) from the Pine Marten** (*Martes martes* Linnaeus, 1758) in Romania. 2023, DOI: [10.3390/microorganisms11092339](https://doi.org/10.3390/microorganisms11092339)

Coauthor

- 26) Bocan Elena, **Mederle O.**, Simona Sârb, R. Minciu, Agapie D., Raica M. - **Correlation between histopathological form and the degree of neuroendocrine differentiation in prostate cancer**- Rom J Morphol Embryol 2011, 52(4):1215–1218 ISSN: 1220-0522, IF=0,523
- 27) Ceașu Amalia, Ciolofan A, Cîmpean Anca Maria, Magheți Adina, **Mederle O.**, Raica M - **The Mesenchymal–Epithelial and Epithelial–Mesenchymal Cellular Plasticity of Liver Metastases with Digestive Origin**- Anticancer Research 38: 811-816 (2018) doi:10.21873/anticancerres.11xxxISSN: 0250-7005, , IF=1,937
- 28) Dărbuș, G; Olariu, RT; **Mederle, O**; Mederle, N.; Hotea, I; Sorescu, D; Imre, K; Imre, M - **Zoonotic protozoosis in Romania (giardiasis, cryptosporidiosis, toxoplasmosis, sarcocystosis): epidemiological aspects**, The Romanian Journal of Veterinary Medicine Volume: 26 Issue: 4 Pages: 47-53, Published:

- 29) Djeska, IS; Ceaușu, RA; Gaje, PN; Cimpean, AM; **Mederle, O**; Nicodin, A; Tudorache, V; Raica, M - ***The Reticular Network Contributes To The Staging Of Idiopathic Lung Fibrosis***, *Archives Of Biological Sciences*, Volume: 65 , Issue: 4 Pages: 1599-1604, 2013, DOI: 10.2298/ABS1304599D
- 30) Mederle Narcisa, Marin Ștefania, Marin Minodora Maria, Dănilă Elena, **Mederle O**, Albu Kaya Madalina Georgiana, Ghica Mihaela Violeta - ***Innovative Biomaterials Based on Collagen-Hydroxyapatite and Doxycycline for Bone Regeneration*** Hindawi Publishing Corporation, Advances in Materials Science and Engineering, Volume 2016, Article ID 3452171, 5 pages, <http://dx.doi.org/10.1155/2016/3452171> ISSN: 1687-8434-IF=1,299
- 31) Mederle, N; **Mederle, O**; Țirnea, L; Cerbu, B; Milovanov, C; Ahmadi, M; Marincu, I -***Botulism Associated with Bacterial Pneumonia in An Adult Patient***, The Romanian Journal of Veterinary Medicine, volume 27, issue:1 page: 39-42, 2017
- 32) Osakwe, H; Nicolescu, C; Nicolescu, L; Hoinoiu, B; **Mederle, O**; Mussuto, E; Popoiu, C; Boia, E -***The Impact of Residual Bowel After Extended Bowel Resection on Bacterial Overgrowth and Bacterial Translocation***, Chemistry Journal, Volume: 69 Issue: 8 Pages: 2121-2128, 2018, ISSN: 0034-7752, IF=1,412
- 33) Vieira, PM; Mederle, N; Lobo, ML; Imre, K; **Mederle, O**; Xiao, LH; Dărăbuș, G; Matos, O - ***Molecular characterisation of Cryptosporidium (Apicomplexa) in children and cattle in Romania***, Folia Parasitologica, Volume: 62, Article Number: 002, 2015, DOI: 10.14411/fp.2015.00
- 34) Chioibas, R; Susan, R; Susan, M; **Mederle, O**; Vaduva, DB; Radulescu, M; Berceanu, M; Danciu, C; Khaled, Z; Draghici, G; Marti, D - ***Antimicrobial Activity Exerted by Total Extracts of Germander***, Chemistry Journal, Volume: 70, Issue: 5, Pages: 3242-3244, 2019, ISSN: 0034-7752, IF=1,605
- 35) Morgovan A., Ivan V., Buzaș R., Ardelean M, Albulescu N., Lighezan D., Olariu R., **Mederle O.**, Crisan S., Petrescu L. - ***Clinical and Laboratory Aspects of the Severity of Pulmonary Embolism in Elderly Patients versus Adult Patients A single centre study***, Chemistry Journal , Volume: 70, Issue: 11, Pages: 3851-3856, 2019, <https://doi.org/10.37358/RC.70.19.11.7658> ISSN: 0034-7752, IF=1,605
- 36) Mircea Rivis, Ciprian Ioan Roi, Alexandra Roi, **Ovidiu Alexandru Mederle**, Diana Florina Nica, Doina Chioran, Laura Cristina Rusu, Stela Iurciuc, Adina Valeanu-***Contribution of the cyto-histopathological diagnosis and ultrastructural parameters to the evaluation of maxillary cysts - a 10-year multidisciplinary approach***-Romanian Journal of Morphology and Embryology, Vol. 61 No. 4, 2020 DOI: 10.47162/RJME.61.4.28
- 37) Diana Lungeanu, Alina Petrica, Raluca Lupusoru, Adina Maria Marza, **Ovidiu Alexandru Mederle**, Bogdan Timar- ***Beyond the Digital Competencies of Medical Students: Concerns over Integrating Data Science Basics into the Medical Curriculum***, Int. J. Environ. Res. Public Health 2022, 19, 15958. <https://doi.org/10.3390/ijerph192315958>
- 38) F.C.A. Babalic, C. Borza, C. Ilie Rosca, C.V. Gurban, C.D. Banciu, **O.A. Mederle**, M.D. Popa, S.C. Chelu, P. Marius, A. Sharma, N.R. Kundhani, A.E. Caraba - ***Endothelial dysfunction in psoriatic arthritis patients: correlations between insulin resistance and disease activity*** , European Review for Medical and Pharmacological Sciences 2022; 26: 6796-6804
- 39) Darabus, G, Lupu, MA, Mederle, Darabus, RG, Imre, K, **Mederle, O** Imre, M Paduraru, AA Morariu, S Olariu, TR. -***Epidemiology of Cryptosporidium Infection in Romania: A Review. 2023***, Volume11Issue7 DOI10.3390/microorganisms11071793
- 40) Pacurari, AC, Bhattarai, S, Muhammad, A, Avram, C, **Mederle, AO**, Rosca, O, Bratosin, F Bogdan, I, Fericean, RM, Biris, M, - ***Diagnostic Accuracy of Machine Learning AI Architectures in Detection and Classification of Lung Cancer: A Systematic Review. 2023***, Volume13Issue13 DOI10.3390/diagnostics13132145 Article Number 2145
- 41) Marincu, I Bratosin, F Bogdan, I Dumitru, C Stoica, CN, Csep, AN, Mederle, N, Fericean, RM **Mederle,**

AO, Prathipati, R. ***Concurrent *Sphingomonas paucimobilis* and *Mycobacterium tuberculosis* Meningitis in an Immunocompromised Patient: A Rare Case Report and Comprehensive Review of Literature***, Volume59Issue4 DOI10.3390/medicina59040687 Article Number 687 Published 2023.

3. ISI proceedings

- 1) Mederle Narcisa, Dărăbuș Gheorghe, Morariu Sorin, **Mederle Ovidiu**, Herman Viorel, Oprescu Ion, Ilie Marius, Imre Mirela, Motoc Marilena, Chiș Codruta - ***Therapeutic Efficacy Testing of Plant Dietary Supplement Used for Prevention and Control of Nosemosis in Bees***, Proceedings Of the International Conference On Life Sciences, Pages: 633-639, ISBN 978-88-85813-24-3, 2018

4. BDI Publications

- 1) Barbu D, Mederle O, Izvernariu D A - ***Quantification of the growth of the placental villous vascular tree, in humans, depending on the gestational age***, Rev Rom Anat Clin Antrop; III (1):60-63, 2004.
- 2) Balica Amalia Raluca, Anca Maria Cimpean, Andreea Cioca, Octavian Cretu, Ovidiu Mederle, Alexandru Ciolofan, Pusa Gaje, Marius Raica- ***Endothelial Cell Proliferation and Vascular Endothelial Growth Factor Expression in Primary Colorectal Cancer and Corresponding Liver Metastases***, Asian Pacific journal of cancer prevention: APJCP Volume: 16 Issue: 11 Pages: 4549-53, 2015
- 3) Barbu D, Mederle O, Nitu R, Craina M, Motoc A, Niculescu M - ***Study of placental angioarchitecture on corrosion preparations***, Rev Rom Anat Clin Antrop; III (1):156-60, 2004.
- 4) Dărăbuș, Gh., Mederle, O., Popovici, E.D., Imre, K., Ilie, M., Oprescu, I., Morariu, S. , Mederle Narcisa, Hotea Ionela, Olariu, R.O. , Baditoiu Luminita Mirela ***Prevalence of cryptosporidiosis in animals and humans in western Romania***, Rev. Rom. de Parazitologie, Vol.XVIII, supliment, 2008 ISSN 1221-1796 (Google Scholar)
- 5) Elena V. Bocan, Ovidiu Mederle, Marius Raica ***Immunohistochemistry of prostate specific antigen in advanced stage prostate carcinoma*** Rev Arg de Anat Clin; 2010, 2 (3):106-111
- 6) Florin Ș. Hora, Gheorghe Dărăbuș, Corina Badea, Ovidiu Mederle, Narcisa Mederle, ***Epidemiological, clinical and therapeutic aspects of the infestation with Trichophyton spp.*** (Fungi: Eurotiomycetes: Arthrodermataceae), 2015, Scientia Parasitologica 16 (1-2), 28-32.
- 7) Gaje N, Izvernariu D A, Raica M, Mederle O, Vasile Liliana – ***Dynamics of mast cell subpopulations in benign and malignant breast lesions***, CEMC; 4:178-83, 2005.
- 8) Georgescu Doina, Georgescu C, Mederle O, Tudor C – ***Clinical-morphological aspects regarding the syndrome of portal hypertension in liver cirrhosis***, Infomedica, 2 (72); pag.34-37, 2000.
- 9) Gh. Dărăbuș, O. Mederle, Narcisa Mederle, T.R. Olariu, I. Oprescu, S. Morariu, K. Imre, M. Ilie, Ionela Hotea ***The study of some biochemical parameters in cryptosporidium experimental infection in broiler chickens*** Lucrări științifice Medicină veterinară vol. XL, 2008, Timișoara 344
- 10) Iacovliev M, Raica M, Lighezan R, Mederle O - ***Modificări vasculare din ficatul de iepure tratat cu azotat și azotit***, Cercet exp medico-chir, V, 4: 253-256, 1998.
- 11) Ilie M.S., Dărăbuș Gh., Oprescu I., Morariu S., Mederle N., Ilie A., Imre K., Mândița D., Mederle O., 2008 - ***The electrono-microscopic characterization of some helminths found in birds***, Lucrări Științifice Medicină Veterinară Timișoara, 41, 402-410, ISSN 1221-5295. reviewed and indexed: CAB Internațional, England, categorie B+, cod CNCISIS 259
- 12) Imre, K. Mederle, O.; Mederle Narcisa.; Ilie, M. S.; Hotea, I.; Imre, M.; Indre, D.; Balint, A.; Sorescu, D. ***Molecular characterization of human Cryptosporidium isolates in Banat region***, Romania Scientific Works - Series C, Veterinary Medicine, Bucharest (ISSN 1222-5304, 56, 1, 91-96, 2010, CABI

- 13) Ioanovici S, Lazar Daniela, Cimpean A M, Mederle O, Suciuc C, Raica M – ***Immunohistochemical expression of endothelial growth factor (VGEF) in intestinal-type gastric adenocarcinoma***, CEMC, 2005
- 14) Mederle N., Dărăbuș G., Oprescu I., Morariu S., Ilie M., Imre K., Hotea I., Mederle O., 2008 - ***Correlation between histological, serological and epidemiological investigations in human toxoplasmosis***, Lucrări Științifice Medicină Veterinară Timișoara, 41, 356-360, ISSN 1221-5295. Recenzată și indexată: CAB Internațional, England, categorie B+, cod CNCISIS 259.
- 15) Mederle Narcisa, Dărăbuș, Gh., Ionela Hotea, Mederle, O. -***Sources and methods of infection in toxoplasmosis***, Rev. Rom.Parazitologie, vol. XVII, supliment, 2007(Google Scholar)
- 16) Mederle Narcisa., Dărăbuș Gh., Oprescu I., Morariu S., Ilie M., Indre D., Mederle O. ***Diagnosis of canine demodicosis*** Revista Scientia Parasitologica,(ISSN: 1582-1366, 11, 1, 2010, CABI)
- 17) Mederle O, Izvernariu D A – ***Qualitative and quantitative quantification of the chronic hepatitis***, Rev Rom Anat Clin Antrop; III(1):120-123, 2004
- 18) Mederle O, Izvernariu D A, Raica M, Anghel A: ***Correlation between immunohistochemical expression of hormone receptors and mast cell microdensity in breast cancer***, Craiova Med; 6(4):517-522, 2004.
- 19) Mederle O, Izvernariu D A, Raica M, Anghel A: ***Mast cell microdensity in breast cancer***, CEMC; 4:178-83, 2004.
- 20) Mederle O, Raica M - ***Morphological dynamics of Ito cells in chronic hepatopathy***, Timișoara medicală, 1-2: 18-20, 1996.
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- 41) Adina Maria Mârza, Alina Petrică, Dumitru Șutoi, Cosmin Trebuian, Cosmin Librimir, Ovidiu Mederle- ***Evolution of an atypical case of malaria in Romania***, 14th European Emergency Medicine Congress, Copenhagen, 19-22 sept., 2020.

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- 43) Cosmin Librimir, Cosmin Trebuian, Dumitru Șutoi, Adina Maria Mârza, Ovidiu Alexandru Mederle- **Is there a place for another modified rapid sequence for acutely ill patients in ED?** 14th European Emergency Medicine Congress, Copenhagen, 19-22 sept., 2020.
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- 45) Dumitru ȘUTOI, Daian Ionel POPA, Bogdan Alexandru PUȘCAȘ, Cosmin LIBRIMIR, Cosmin Iosif TREBUIAN, Adina MÂRZA, Iulia CRINTEA, Ovidiu Alexandru MEDERLE- **Positive or negative? Impact of online medical education during the Covid-19 Pandemic period on psychic and development of future medical doctors from Romania. Cross-sectional, observational, multicentric study.** - 15th European Emergency Medicine Congress, Lisabona, 27-31 oct., 2021
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- 47) Adina Maria MARZA, Alina PETRICA, Denisa VOROVENCI, Daniel LUNCA-RAICHICI, Alexandru CINDREA, Ovidiu Alexandru MEDERLE. **Left Hemiplegia: Clinical Presentation for Spontaneous Internal Carotid Artery Dissection.** 17th European Emergency Medicine Congress, Barcelona, 16-20 sept., 2023
- 48) Daian Popa, Carmen Williams, Adina Marza, Dumitru Șutoi, Cosmin Trebuian, Cosmin Librimir, Ovidiu Alexandru Mederle. **Delayed presentation of extended myocardial infarction and multiple sites thrombosis.** 17th European Emergency Medicine Congress, Barcelona, 16-20 sept., 2023

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- 1) Encica S, Scridon T, Mederle O, Raica M -**Histogenesis of cardiac myxoma** , Simp Naț de Morf normală și pat, București, 1998.
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- 3) Mada L, Dumnici A, Mederle O, Raica M - **PCNA expression in gastric precancerous lesions**, Simp Naț de Morf normală și pat, București, 1998.
- 4) Mederle C, Raica M, Mederle O- **Mast cell reaction and oxidative stress in experimental asthma**, Congr Naț de Fiziopatologie, Timișoara, 1997.
- 5) Mederle O - **Immunohistochemical markers with diagnostic and prognostic value in chronic liver disease**, A XXVII-a Conf Naț de Imunologie, Timișoara, 1998.
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- 11) Mederle O, Raica M, Alexa A, Toma M - *Myofibroblastic reaction in chronic glomerulonephritis*, Simp Naț de Morf normală și pat, București, 1998.
- 12) Mederle O, Raica M, Iacovliev M, Lighezan R - *Immunohistochemical identification and prognostic value of Ito cells in chronic liver diseases*, Simp Naț Morfologie norm și pat, București, 1996.
- 13) Pricop N, Nussbaum R, Mederle O - *Structural changes of the marginal periodontium in fixed prosthesis*, Zilele Stomatologice Bănățene, Timișoara, 1998.
- 14) Purice M, Raica M, Mederle O - *Identification and prognostic significance of Ito cells in chronic hepatopathy*, Medis 1997, 22-24 mai, Timișoara
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- 16) Raica M, Dumnici A, Mederle O, Toma M, Alexa A, Vasile L - *Immunohistochemical features of the inflammatory infiltrate from gastric precancerous lesions*, Simp Naț Morfologie norm și pat, București, 1996
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- 18) Raica M, Grigoraș A, Mederle O, Miutescu E - *The value of histochemical methods for the identification of Helicobacter pylori in patients with chronic gastritis*, Simp Naț Morfologie norm și pat, București, 1995.
- 19) Raica M, Lăzureanu C, Mederle O - *The diagnostic value of GFAP - specific neuronal enolase - chromogranin A in the diagnosis of brain tumors*, Simp Naț Morfologie normală și patologică, București, 1997.
- 20) Raica M, Mederle O - *Ultrasound-guided fine needle aspiration puncture: diagnostic significance*, Simp Naț Morfologie norm și pat, București, 1995.
- 21) Raica M, Mederle O, Grigoraș M, Raț G - *Trichrome staining method: technique and application on normal tissues*, Simp Naț Morfologie norm și pat, București, 1995
- 22) Raica M, Mederle O, Rășinaru A - *Technical and interpretation errors in immunohistochemistry*, Simp Naț Morfologie normală și patologică, București, 1997.
- 23) Raica M, Mederle O, Toma M - *Smooth muscle actin: histological and histopathological marker*, Congr Naț de Fiziopatologie, Timișoara, 1997.
- 24) Raica M, Mederle O - *The prognostic value of prostatic neuroendocrine differentiations*, Simp Naț Morfologie normală și patologică, București, 1997.
- 25) Rășinaru A, Ghilezan N, Mederle O, Toma M - *Therapeutic implications of immunohistochemical identification of estrogen and progesterone receptors in breast tumors*, A XXVII-a Conf Naț de Imunologie, Timișoara, 1998.
- 26) Suciu C, Mederle O - *Vimentin immunoexpression in follicular dendritic cells*, A XXVII-a Conf Naț de Imunologie, Timișoara, 1998.
- 27) Suciu C, Mureșan R, Mederle O, Iacovliev M, Raica M - *Immunohistochemical expression of HMB 45 and S 100 protein in melanin tumors*, Simp Naț de Morf normală și pat, București, 1998.
- 28) Ovidiu Mederle- *Management of life- threatening bleeding in anticoagulated patients*, Cursul International de ghiduri si protocoale in anestezie, terapie intensiva si Medicina de urgenta, Timisoara, 20-30 sep, 2023

Awards

1. 29 august 2020 (Toronto, Canada) iCan 2020 **Gold Award** Lumbar region mold for the practice of lumbar puncture and loco-regional spinal Anesthesia At the 5-th Anniversary edition of the

International Invention Innovation Competition in Canada, organized by Toronto International Society of Innovation and Advanced Skills

2. August 2020 (Seoul, Korea) World Invention Creativity Olympic. Korea -**Gold Award** In honor of the Best Presentation and Outstanding Creativity and Innovativeness of the Invention Entitled Lumbar Region Mold For The Practice Of Lumbar Puncture And Loco-Regional Spinal Anesthesia
3. iSif 20 (Turk patent) **Gold Award** In recognition to excellent and creative effort to invent Lumbar Region Mold For The Practice Of Lumbar Puncture And Loco-Regional Spinal Anesthesia
4. 21 octombrie 2020 (Warsaw, Polonia) Iwis 2020 Warsaw International Invention Show **Bronze Medal** Lumbar Region Mold For The Practice Of Lumbar Puncture And Loco-Regional Spinal Anesthesia.
5. Noiembrie, 2020 (Zagreb, Croatia) iNova Croatia **Gold Award** Lumbar Region Mold For The Practice Of Lumbar Puncture And Loco-Regional Spinal Anesthesia.
6. 10-12 December 2020, Silver Medal, Kaohsiung International Invention Design EXPO- KIDE
7. 29 – 31 july 2020 (Iași, Romania) INVENTICA 2020 **Gold Award** for Lumbar Region Mold For The Practice Of Lumbar Puncture And Loco-Regional Spinal Anesthesia In recognition of high scientific contribution and loyalty to the XXIV-th International Exhibition of Inventics
8. 15 octombrie 2020 (Timișoara, România) Invention and Innovation Show "Traian Vuia" **Gold Award** for Lumbar Region Mold For The Practice Of Lumbar Puncture And Loco-Regional Spinal Anesthesia

- 1) Boia, S; Boia, ER; Ceașu, RA; Balica, CN; **Mederle O A - HPV18 Associated with E-cadherin Expression in Head and Neck Squamous Cell Carcinoma**, Rev. Chim, Volume: 69, Issue: 8 Pages 2638-2641, 2018, ISSN: 0034-7752, IF=1,412
- 2) Cîmpean Anca Maria, Dușan Lalošević, Vesna Lalošević, Pavle Banović, Marius Raica, **Ovidiu Alexandru Mederle- Disodium Cromolyn and Anti-podoplanin Antibodies Strongly Inhibit Growth of BHK 21/C13-derived Fibrosarcoma in a Chick Embryo Chorioallantoic Membrane Model- In vi** vol 32: 791-798 (2018) ISSN: 0258-851X, IF=0,953.
- 3) Gurban Camelia Vidița, Florina-Maria Andrica, Cosmin Cîtu, Elena Hoge, Iosif Marincu, Marioara Cornianu, **Ovidiu Alexandru Mederle- Combined therapies in abdominal actinomycosis**, REV.CHIM., 67, no.1, 2016, Pages: 171-173 ISSN: 0034-7752, IF=1,232
- 4) Gurban, Camelia Vidița; **Mederle, O. The OPG/RANKL system and zinc ions are promoters of bone remodeling by osteoblast proliferation in postmenopausal osteoporosis**, *Romanian Journal Of Morphology And Embryology*, Volume: 52 Issue: 3 Supplement: S 2011 Pages: 1113-1119, 2011, ISSN: 1220-0522 IF=0,523
- 5) **Mederle, OA**; Balas, M; Ioanoviciu, SD; Gurban, CV; Tudor, A; Borza, C. - **Correlations between bone turnover markers, serum magnesium and bone mass density in postmenopausal osteoporosis**, *Clinical Interventions In Aging*, Volume: 13 Pages: 1383-1389, 2018, DOI: 10.2147/CIA. S170111
- 6) Pirtea Laurentiu, Dorin Grigoraș, Cristina Secoșan, Ioan Sas, Răzvan Ilina, Adriana Andreea Jitariu, **Ovidiu Alexandru Mederle - Clinical and Histopathological Parameters Correlate with Microvessel Density but Not with Vascular Endothelial Growth Factor Expression in Ovarian Cancer**, Rev. Chim., 69, No. 5, 2018, Pages: 1173-1178 ISSN: 0034-7752, IF=1,232
- 7) Prodea, M; Boia, ER; Ceașu, RA; Librimir, C; Iovănescu., G; **Mederle, OA- Lung Delayed Hypersensitivity A case with particular features**, Rev. Chim., Volume: 69, Issue: 8 Pages: 2071-2073, 2018, ISSN: 0034-7752, IF=1,412
- 8) Bocan Elena Viorica, **O. Mederle**, Simona Sârb, R. Minciu, D. Agapie, M. Raica - **Correlation between histopathological form and the degree of neuroendocrine differentiation in prostate cancer-** Rom J Morphol Embryol 2011, 52(4):1215-1218 ISSN: 1220-0522, IF=0,523
- 9) Ceașu Amalia Raluca, Alexandru Ciolofan, Anca Maria Cîmpean, Adina Magheți, **Ovidiu Mederle**, Marius Raica- **The Mesenchymal-Epithelial and Epithelial-Mesenchymal Cellular Plasticity of Liver Metastases with Digestive Origin- Anticancer Research** 38: 811-816 (2018)doi:10.21873/anticancer.11xxxISSN: 0250-7005, , IF=1,937
- 10) Djeska, IS; Ceașu, RA; Gaje, PN; Cîmpean, AM; **Mederle, O**; Nicodin, A; Tudorache, V; Raica, M - **The Reticular Network Contributes To The Staging Of Idiopathic Lung Fibrosis**, *Archives Of Biological Sciences*, Volume: 65 , Issue: 4 Pages: 1599-1604, 2013, DOI: 10.2298/ABS1304599D
- 11) Mederle Narcisa, Ștefania Marin, Minodora Maria Marin, Elena Dănilă, **Ovidiu Mederle**, Madalina Georgiana Albu Kaya, Mihaela Violeta Ghica - **Innovative Biomaterials Based on Collagen-Hydroxyapatite and Doxycycline for Bone Regeneration Hindawi Publishing Corporation, Advances in Materials Science and Engineering**, Volume 2016, Article ID 3452171, 5 pages, <http://dx.doi.org/10.1155/2016/3452171> ISSN: 1687-8434-IF=1,299
- 12) Osakwe, H ; Nicolescu, C ; Nicolescu, L; Hoinoiu, B; **Mederle, O**; Mussuto, E; Popoiu, C ; Boia, E -**The Impact of Residual Bowel After Extended Bowel Resection on Bacterial Overgrowth and Bacterial Translocation**, Rev.Chim, Volume: 69 Issue: 8 Pages: 2121-2128, 2018, ISSN: 0034-7752, IF=1,412

**PARTICIPATION IN
SCIENTIFIC RESEARCH
GRANTS**

Project manager of two national grants between 1997 and 2010.

1. Possible epidemiological chains and control modalities in cryptosporidiosis in animals and humans. CNMP no. 51-034 /2007; 2008; 2009; 2010

2. Effect of mast cell degranulants and degranulation inhibitors on tumor angiogenesis –
Ovidiu Mederle - CNCSIS

Brevete

1. AHMADI-KHOIE M, HORABLAGA A, HORABLAGA N M, MEDERLE N, **MEDERLE O A**, MILOVANOV C, MORARIU F, MORARIU S, POPESCU G -
**MOISTURIZING BODY AND FACE CREAM BASED ON OENOTHERA
BIENNIS** comprises mixture of natural oils of evening star RO132235-A0, 2017

2. AHMADI-KHOIE M, HERMAN V, MEDERLE N, **MEDERLE O A**,
MILOVANOV C, MORARIU F, MORARIU S, POPESCU G, RADULOV I-
HAIR AND NAILS-REGENERATIVE COMPOSITION RO131851-A0, 2017

3. DARABUS G, ILIE M S, MEDERLE N, **MEDERLE O**, MORARIU F,
MORARIU S, NEGRESCU I A, OPRESCU I-
GEL FOR TREATMENT OF DRY WOUNDS IN CANINE DEMODICOSIS gel
consists, in mass percentage, of 25% honey
RO131619-A0, 2017

**Specializations in the country
and abroad:**

2008, General Hospital of Athens, Gennimatas – Epidemiological study of
Cryptosporidium spp. in **Greece**.

**ERASMUS TEACHING
ASSIGNMENT MOBILITY**

28.06. – 05.07. 2010, Adnan Menderes University Faculty of Veterinary Medicine,
Turkey