

PERSONAL INFORMATION

Vaduva Adrian Ovidiu



✉ vaduva.adrian@umft.ro

Date of birth 20/07/1981 | Nationality Romanian

PROFESSIONAL EXPERIENCE

September 2025 – present	Pathology senior consultant Pius Brânzeu County Emergency Clinical Hospital, Timișoara
August 2020 – September 2025	Pathology consultant Pius Brânzeu County Emergency Clinical Hospital, Timișoara
September 2021 - present	Lecturer Victor Babes University of Medicine and Pharmacy, Timișoara, P-ta Eftimie Murgu nr. 2 ▪ teaching courses and practical work for third-year General Medicine students (Romanian and English sections), second-year Dental Medicine students (Romanian and English sections), AMG Lugoj and Deva, BFKT, and APS
September 2018 – September 2021	Assistant Professor Victor Babes University of Medicine and Pharmacy, Timișoara, P-ta Eftimie Murgu nr. 2 ▪ Conducting practical work for third-year General Medicine students (Romanian and English sections), second-year Dental Medicine students (Romanian and English sections)
February 2018 – September 2018	Associate assistant professor Victor Babes University of Medicine and Pharmacy, Timișoara, P-ta Eftimie Murgu nr. 2 ▪ Conducting practical work for third-year General Medicine students (Romanian and English sections), second-year Dental Medicine students (Romanian and English sections)
25.02.2013 – January 2018	Assistant Professor Victor Babes University of Medicine and Pharmacy, Timișoara, P-ta Eftimie Murgu nr. 2 ▪ Conducting practical work for third-year General Medicine students (Romanian and English sections), second-year Dental Medicine students (Romanian and English sections)
01.10.2011-25.02.2013	Associate assistant professor Victor Babes University of Medicine and Pharmacy, Timișoara, P-ta Eftimie Murgu nr. 2 ▪ Conducting practical work for third-year General Medicine students (Romanian and English sections), second-year Dental Medicine students (Romanian and English sections)
2009-2012	Pathology Resident Municipal Emergency Clinical Hospital, Timișoara
15.01.2011-15.07.2011	Clinical Observer Hammersmith Hospital, Londra, UK

2007-2009	Pathology Resident C.I. Parhon Clinical Hospital, Iași
-----------	---

EDUCATION AND TRAINING

- 2017 - 2018 **Psychopedagogical Training Program – Level I and II**
West University of Timișoara
- 2011 - 2017 **Doctoral Studies – PhD**
Victor Babes University of Medicine and Pharmacy, Timișoara
Thesis Title:
Personal contributions to the implementation and development of confocal microscopy at Victor Babes University of Medicine and Pharmacy, Timișoara – Magna cum Laude, confirmed by OMEN no. 5701/27.12.2017
- 2007 - 2012 **Pathology Residency training**
- MD – General Medicine**
- 1999 - 2005 Victor Babes University of Medicine and Pharmacy, Timișoara – Faculty of Medicine, General Medicine specialization

Foreign languages	UNDERSTANDING		SPEAKING		WRITING
	HEARING	READING	CONVERSATIONAL	ORAL SPEECH	
English	C1	C1	C1	C1	C1
Germana	B2	B2	B2	B2	B2
Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat Cadru european comun de referință pentru limbi străine					

SCIENTIFIC ACTIVITY

Conferences	7-12.04.2008 Eurogynpath – Targu Mures, Romania 29.09-10.10.2008 Urologic Pathology – Targu Mures, Romania 28-31.01.2009 Intraepithelial and borderline lesions in pathology – Timisoara, Romania 23-28.02.2009 Postgraduate Course in diagnostic gynecologic pathology – Targu Mures, Romania 1-9.06.2009 Endocrine Pathology – Targu Mures, Romania 16-20.11.2009 21-st Annual Current concepts in surgical pathology – Boston, USA 21-22.11.2009 Cytopathology for the practicing pathologist – Boston, USA 07-13.06.2010 The 5-th National Conference on Gynecological Pathology, Targu Mures, Romania 24-25.03.2011 Renal Pathology Course for Nephrologists - London, UK 27-29.05.2011 Selected topics in bone and soft tissue tumors – Timisoara, Romania 09.2011 Biomarkers involved in the diagnosis, evaluation of prognosis and therapeutic management in prostate cancer 10.11-12.11.2011 The third national dermatopathology symposium – Timisoara, Romania 28.02-03.03.2012 Masterclass on Scientific Publications – Timisoara, Romania 08.06-10.06.2012 Recent advances in Lung and GI Pathology 2012, Timisoara, Romania 02.06-04.06.2013 Recent advances in Gynecologic, Urologic and Soft Tissue Pathology 2013, Timisoara, Romania 10.06-17.06.2013 Digital image processing/analysis tools in Light Microscopy: From the basics and beyond - Hellenic Pasteur Institute Athens 12.06-14.06.2014 Recent Advances in Cytopathology, Dermatopathology and Hematopathology 2014, Timisoara, Romania 07.05-10.05.2015 Clasic si Modern in Fiziopatologie – Congresul National al Societatii Romane de
-------------	--

	Fiziopatologie – Iasi, Romania 27.05-30.05.2015 49-th Annual Scientific Meeting of the European Society for Clinical Investigation, Cluj-Napoca, Romania 17.09-19.09.2015 Recent advances in Immunohistochemistry, Head and Neck, Bone and Soft Tissue Pathology – Timisoara, Romania 25.05-28.05.2016 European Congress on Digital Pathology- Berlin, Germania 08.09-10.09.2016 Recent Advances In Genitourinary, Gastrointestinal And Skin Pathology – Timisoara, Romania 17.11-20.11.2016 Optics, Algos and Ice – Obergurgl, Austria 24.05-27.05.2017 Al XV-lea Simpozion National de Morfologie Microscopica cu Participare Internationala – Baile Felix, Romania 21.09-23.09.2017 Recent Advances In Gynecologic, Lung And Breast Pathology – Timisoara, Romania 07.09-09.09.2017 The Conference of the Romanian Society of Pathophysiology – Cluj-Napoca, Romania 27.09-29.09.2018 Recent Advances in Bone and Soft Tissue Pathology – Timisoara, Romania 02.11-03.11.2018 Al XI-lea Curs International Patologia Sistemului Digestiv – Bucuresti, Romania 26.09-28.09.2019 Recent Advances in Gastrointestinal, Genitourinary, Perinatal and Placental Pathology – Timisoara, Romania 06.12-07.12.2019 Zilele Anatomice Timisorene 05.11-07.11.2020 Al 13-lea Simpozion National de Patologie si Sesiunea Stiintifica Anuala a Institutului National de Patologie "Victor Babes" - online 06.11-07.11.2020 13th Course of Digestive Pathology - online 06.12-08.12.2020 32nd Congress of the European Society of Pathology Brussels (live streaming) 01.04.2022 - „Corelații anatomopatologice și clinice în gastroenterologie“, ediția a IV-a, desfășurat hibrid, fizic și online, București, România. 27.10-29.10.2022 - The 11-th Oncodigest conference 17.02-07.07.2022 - Webinarul de Oncologie Translationala Personalizata pentru combaterea cancerului –. 22.11.2022 - Closing the gap between Digital and Pathology 23.02.2022 - Immunohistochemical typing of amyloid on paraffinembedded samples by an automatic procedure 19.05-21.05.2022 „Pathotim 2022 - Progrese recente în patologia glandei mamare, a aparatului genito-urinar și în dermatopatologie“, Timisoara, România. 06.10-08.10.2022 - Pathotim 2022 - Progrese recente în patologia pulmonară, tiroidiană și în citopatologie“, , Timisoara, România. 31.03.2023 - „Corelații anatomopatologice și clinice în gastroenterologie“, ediția a IV-a, desfășurat hibrid, fizic și online, București, România. 08.06-10.06.2023 - „Pathotim 2023 - Progrese recente în patologia țesuturilor moi, patologia capului și gâtului și în imunohistochimie“, Timisoara, România. 25.04-26.04.2023 - Global Solid Tumor Summit, Hybrid Meeting în Hilden, Germany, 03.11.2023 - Actualități în amiloidoza cardiacă transtiretinică, online 18.05-20.05.2023 - The 5th International Renal Pathology Conference 19.04-21.04.2023 - Webinar - „Biblioteca de biomarkeri express“, București,. 09.09-13.09.2023 - The 35th European Congress of Pathology (ECP 2023), Dublin, Ireland, online. 08.05-11.05.2024 – Al 8-lea Simpozion de Oncologie Translationala Personalizata pentru combaterea cancerului 13.06-15.06.2024 – Pathotim 2024 - Recent Advances In Hematopathology, Endocrine And Neuropathology 10.12-12.12.2024 – Zilele Morfologiei Timisorene 5.12.2024 – Sindromul Lynch de la teorie la practica – Editie speciala dedicata proiectului ALLY – Webinar 12.12.2024 – Optimizing HER2 testing in solid tumors 4.05-30.05.2025 – Biopsia renala in diagnosticul bolilor renale – aspecte practice si morfo-patologice 9.06-11.06.2025 – Pathotim 2025 - Recent Advances In Lung, Gynecologic, Gastrointestinal And Dermatopathology 6.09-10.09.2025 – European Congress of Pathology, Vienna, Austria 25.09-26.09.2025 - ESP Workshop for Digital and Computational Pathology, Barcelona 2025 9.10-14.10.2025 – Bune practici in laboratorul de Anatomie Patologica 13.11-15.11.2025 – Congresul de nefrologie BANTAO Inside digital higher education: self-assessment guide for educators, organizat de Dublin City University – online. An insight into modern digital pathology diagnosis using immunohistochemistry techniques, organizat de Standing Committee on Research Exchange (SCORE) și International Federation of Medical
--	--

	Students' Associations (IFMSA).
Affiliations	Renal Pathology Society European Society of Pathology European Society of Digital Pathology
Awards	Medalia de aur – Salonul Internațional de Invenții și Inovații Traian Vuia Timișoara 2019 (pentru invenția Dispozitiv și metodă pentru crioincluderea materialului tisular în vederea examinării microscopice) Premiu special - Salonul Internațional de Invenții și Inovații Traian Vuia Timișoara 2019 (pentru invenția Dispozitiv și metodă pentru crioincluderea materialului tisular în vederea examinării microscopice) Diplomă pentru calitatea tezei de doctorat și contribuțiile aduse la dezvoltarea Universității de Medicină și Farmacie Victor Babeș din Timișoara Diplomă de excelență – Medal Inventica 2020 – Device and method for cryoinclusion of tissue material for microscopic examination – Iasi, 29-31 iulie 2020 Diploma de excelență și Medalia de Aur – Salonul Internațional al cercetării științifice, inovării și invenției Pro Invent, ediția XVIII, 18-20 Noiembrie 2020 Cluj Napoca Subprogram 1.1 - Resurse Umane - Premiarea rezultatelor cercetării - brevete, Competitia 2019 - PN-III-P1-1.1- PRECBVT-2019- 2091 - DISPOZITIV SI METODA PENTRU CRIOINCLUDERE A MATERIALULUI TISULAR IN VEDEREA EXAMINARII MICROSCOPICE Premierea rezultatelor cercetării - Articole, Competitia 2021 CNCSIS Cod Depunere PN-III-P1-1.1-PRECISI-2021-67206 Titlu Articol Three-Dimensional Virtual Pathology Specimens: Decrease in Student Performance upon Switching to Digital Models Revista Anatomical Sciences Education Institutie UNIVERSITATEA DE MEDICINA SI FARMACIE " VICTOR BABEȘ " TIMISOARA Premierea rezultatelor cercetării - Articole, Competitia 2021 CNCSIS Cod Depunere PN-III-P1-1.1-PRECISI-2021-61125 Titlu Articol Long Non-Coding RNA Expression in Laser Micro-Dissected Luminal A and TripleNegative Breast Cancer Tissue Samples-A Pilot Study Revista Medicina-Lithuania UNIVERSITATEA DE MEDICINA SI FARMACIE " VICTOR BABEȘ " TIMISOARA
Scholarships	Workshop Zinc imaging Applications - Zinc Imaging for Zinc-Net in cadrul proiectului COST acțiunea TD1304 (2014) STSM (Short Term Scientific Mission) în cadrul proiectului COST acțiunea TD0901 la Medizinische Fakultät der Universität Duisburg-Essen, Institut für Physiologie, Essen (DE) (COST-STSM-TD0901-14818) ERA-EDTA Short term fellowship (acordată în 2010) pentru specializare în patologie renală (January 2011-July 2011 at Hammersmith Hospital London, UK)

Publications Articles	Bama R, Demă A, Jurescu A, Văduva AO, Lăzureanu D-C, Vița O, Natarâș B, Hurmuz I, Vidac A, Tăban S, Demă S. The Relevance of Sex and Age as Non-Modifiable Risk Factors in Relation to Clinical-Pathological Parameters in Colorectal Cancer. Life. 2025; 15(2):156. https://doi.org/10.3390/life15020156 Pit D, Hoinoiu T, Hoinoiu B, Cerbu S, Iordache M, Vaduva A, Szilagyi D, Bardan CR, Taskov P, Crainiceanu ZP, et al. Subcutaneous Panniculitis-like T-Cell Lymphoma: Diagnostic Challenge and Successful Multimodal Management with Integra® Dermal Matrix—Case Report and Review of the Literature. Diseases. 2025; 13(7):201. https://doi.org/10.3390/diseases13070201
-----------------------	---

Buzatu BLR, Luca MM, Galuscan A, Vaduva AO, Fratila AD, Dumitrescu R, Sava-Rosianu R, Balean O, Buzatu R, Jumanca D. From Microstructure to Shade Shift: Confocal and Spectrophotometric Evaluation of Peroxide-Induced Dental Bleaching. *Journal of Clinical Medicine*. 2025; 14(13):4642. <https://doi.org/10.3390/jcm14134642>

Ciomei B, Vaduva A, Hutu I, Lungu BC, Bratu DG, Popescu D, David VL, Horhat FG, Boia ES. Experimenting with Pig-based Skin Model for Burns. Testing of Mean Literature Findings. *Chirurgia (Bucur)*. 2024 Aug;119(Ahead of print):1-10. doi: 10.21614/chirurgia.3008. PMID: 39206936.

Chisavu F, Gafencu M, Steflea RM, Vaduva A, Izvernariu F, Stroescu RF. Acute Glomerulonephritis Following Systemic Scabies in Two Brothers. *Children*. 2024; 11(8):981. <https://doi.org/10.3390/children11080981>.

Vela OC, Boariu MI, Iorio-Siciliano V, Vaduva A, Belova A, Stratul S-I, Rusu D. Histologic Evaluation of Early Papilla Healing after Augmentation with Injectable Hyaluronic Acid—A Proof of Concept. *Journal of Clinical Medicine*. 2024; 13(14):4102. <https://doi.org/10.3390/jcm13144102>.

Jurescu A, Brebu D, Faur AC, Vita O, Barna R, Vaduva A, Popa O, Muresan A, Iacob M, Cornianu M, et al. Clinical–Pathological Features of Thyroid Neoplasms in Young Patients Diagnosed in a Single Center. *Life*. 2024; 14(6):696. <https://doi.org/10.3390/life14060696>.

Banciu C, Munteanu A, Aprotosoie A, Fabian R, Dobrescu A, Vaduva A, Fabian A, Soica I, Ivan V, Sima L. Obscure Bleeding from a Metastatic Small Bowel Tumor Diagnosed Using Motorized Spiral Enteroscopy: A Case Study and a Literature Review. *Diagnostics*. 2024; 14(9):904. <https://doi.org/10.3390/diagnostics14090904>

Jurescu A, Dema A, Văduva A, Gheju A, Vița O, Barna R, Lăzureanu C, Cornianu M, Tăban S, Duță C, Pantea S. Poorly differentiated clusters and tumor budding are important prognostic factors in colorectal carcinomas. *Bosn J Basic Med Sci*. 2022 Apr 1;22(2):164-177. ISSN online: 1840-4812; ISSN print: 1512-8601; doi: 10.17305/bjbm.2021.6110. PMID: 34480464; PMCID: PMC8977077. WOS:000819849100003. IF: 3.4

Boldeanu LC, Boariu M, Rusu D, Văduva A, Roman A, Surlin P, Martu I, Drăgoi R, Popa-Wagner A, Stratul SI. Histomorphometrical and CBCT Evaluation of Tissue Loss Progression Induced by Consecutive, Alternate Ligatures in Experimental Peri-Implantitis in a Dog Model: A Pilot Study; *Journal of Clinical Medicine*, 11(20), 6188. ISSN online:2077-0383. doi: 10.3390/jcm11206188; WOS:000875124900001. IF: 2.659

Vița O, Jurescu A, Văduva A, Comea R, Cornianu M, Tăban S, Szilagyi D, Micșescu C, Natarăș B, Dema A. Invasive Cutaneous Melanoma: Evaluating the Prognostic Significance of Some Parameters Associated with Lymph Node Metastases. *Medicina (Kaunas)*. 2023 Jul 3;59(7):1241. ISSN (electronic): 1648-9144, ISSN (print): 1010-660X; PMID: 37512052; PMCID: PMC10385614. <https://doi.org/10.3390/medicina59071241>; IF:2.6.

Jurescu A, Văduva A, Vița O, Gheju A, Comea R, Lăzureanu C, Mureșan A, Cornianu M, Tăban S, Dema A. Colorectal Carcinomas: Searching for New Histological Parameters Associated with Lymph Node Metastases. *Medicina (Kaunas, Lithuania)*. 2023; 59(10):1761. ISSN (electronic): 1648-9144, ISSN (print): 1010-660X; <https://doi.org/10.3390/medicina59101761>; IF:2.6.

Ciomei B, Vaduva A, David VL, Popescu D, Vulcanescu DD, Adam O, Avram CR, Pacurari AC, Boia ES. Comparison of Type I and Type III Collagen Concentration between *Oreochromis mossambicus* and *Oreochromis niloticus* in Relation to Skin Scaffolding. *Medicina*. 2023; 59(6):1002. <https://doi.org/10.3390/medicina59061002>. IF:2.6.

Boldeanu LC, Popa-Wagner A, Boariu M, Stratul SI, Rusu D, Vela O, Roman A, Surlin P, Kardaras G, Chinnici S, Văduva AO. Influence of Section Thickness on the Accuracy and Specificity of Histometric Parameters Using Confocal Laser Scanning Microscopy in a Canine Model of Experimental Peri-Implantitis—A Proof of Concept *Journal of Clinical Medicine*. 2023; 12(7):2462. <https://doi.org/10.3390/jcm12072462>. IF:3.9

Maralescu FM, Văduva A, Schiller A, Petrică L, Sporea I, Popescu A, Șirli R, Dema A, Bodea M, Grosu I, Bob F. Relationship between Novel Elastography Techniques and Renal Fibrosis—Preliminary Experience in Patients with Chronic Glomerulonephritis. *Biomedicines*. 2023 Jan 26;11(2):365. doi: 10.3390/biomedicines11020365. PMID: 36830901; PMCID: PMC9953735. IF:4.7

Vaduva, A.O., Serban, C.L., Lazureanu, C.D., Cornea, R., Vita, O., Gheju, A., **Jurescu, A.**, Mihai, I., Olteanu, E.G., Lupu, V., Alexandra, P., Cornianu, M., Mureșan, A., Taban, S. and Dema, A.L. (2020), **Three-Dimensional Virtual Pathology Specimens: Decrease in Student Performance upon Switching to Digital Models**. Anatomical Sciences Education. 2020 Dec 14. doi: 10.1002/ase.2041. PMID: 33319472. FI= 3.759

Jurescu A., **Văduva A.**, Tăban S., Gheju A., Olteanu G., Mihai I., Lăzureanu C., Cornianu M., Lazăr F. and Dema A. **Poorly differentiated clusters: prognostic significance in colorectal carcinomas**. Polish Journal of Pathology, 2019, 70(4): 235-245, <https://doi.org/10.5114/pjp.2019.93125>; FI=0.903.

Sturza A, **Văduva A** (contributii egale), Uțu D, Rațiu C, Pop N, Duicu O, Popoiu C, Boia E, Matusz P, Muntean DM, Olariu S. **Vitamin D improves vascular function and decreases monoamine oxidase A expression in experimental diabetes**. Mol Cell Biochem. Volume 453, Issue 1–2, pp 33–40. doi: 10.1007/s11010-018-3429-2

Adrian Emil Lazarescu, Dan Grigore Cojocar, Mihaela Boanca, Bogdan Gheorghe Hoge, Bogdan Corneliu Andor, **Adrian Vaduva**, Danina Muntean, Adriana Cojocar, Jenel Marian Patrascu, Jenel Marian Patrascu Jr **New Evidence Supporting Joint Preservation Procedures of the Hip A confocal microscopy study of the femoral head** REVISTA DE CHIMIE 70 (10), 3561-3563

Mihaela Ionica, Oana M Aburel, **Adrian Vaduva**, Alexandra Petrus, Sonia Rațiu, Sorin Olariu, Adrian Sturza, Danina M Muntean **Vitamin D Alleviates Oxidative Stress In Adipose Tissue And Mesenteric Vessels From Obese Patients With Subclinical Inflammation** Canadian Journal of Physiology and Pharmacology , 2020, 98(2): 85-92, <https://doi.org/10.1139/cjpp-2019-0340>

Sturza A, Olariu S, Ionica M, Duicu OM, **Vaduva A**, Boia E, Muntean DM, Popoiu C **Monoamine oxidase is a source of oxidative stress in obese patients with chronic inflammation**. Can J Physiol Pharmacol. 2019 May 3. doi: 10.1139/cjpp-2019-0028. [Epub ahead of print] IF=2,210

Stan, AT, Vaduva, A, Negrutiu, ML, Sinescu, C, Szuhane, C, Rogobete, A, Muntean, D, Talpos, S, Duma, VF, Idorasi, L, Hajaj, T, Rominu, M **Evaluation of Dental Composite Resin Interface and Adhesion Using Laser Scanning Confocal Microscopy**, MATERIALE PLASTICE Volume: 55 Issue: 4 Pages: 541-544 IF=1,248

Sturza A, **Văduva A**, Uțu D, Rațiu C, Pop N, Duicu O, Popoiu C, Boia E, Matusz P, Muntean DM, Olariu S. **Vitamin D improves vascular function and decreases monoamine oxidase A expression in experimental diabetes**. Mol Cell Biochem. 2018 Aug 30. doi: 10.1007/s11010-018-3429-2. [Epub ahead of print]; ISSN 1573-4919; IF=2.561

Alis Liliana Carmen Dema, Sorina Taban, Aura Jurescu, Adelina-Roxana Gheju, **Adrian Ovidiu Vaduva**, Ciprian Constantin Duta, Octavian Fulger Lazar **Paving the way to tumor budding assessment using digital pathology: a pilot study in Timisoara City (Romania)** Rom J Morphol Embryol 2018, 59(3):703-713, ISSN 2066-8279; IF=0.912

Laura Elena Cirligeriu, Adrian Tudor Stan, Mihai Rominu, Adrian Marinescu, Marius Boariu, **Adrian Vaduva**, Meda Lavinia Negrutiu, Cosmin Sinescu, Virgil-Florin Duma, Luminita Nica **Evaluation of bioceramics: tooth structures interfaces using laser scanning confocal microscopy**. SPIE Proceedings Volume 10831, Seventh International Conference on Lasers in Medicine; 108310Q (2018) <https://doi.org/10.1117/12.2282652>

Felicia Elena Mitroi, Cosmin Sinescu, Corina Marcautuanu, Danina Muntean, Meda Lavinia Negrutiu, Eniko Tunde Stoica, Florin Topala, Adrian Stan, Adrian Vaduva, Virgil-Florin Duma **Confocal laser scanning microscopy versus digital microscopy in the analysis of the marginal adaptation of Tizian overlays**. SPIE Proceedings Volume 10831, Seventh International Conference on Lasers in Medicine; 108310N (2018) <https://doi.org/10.1117/12.2282427>

Văduva AO, Glămeanu C, Negrea R, Muntean MD, Dema **ALC In vivo confocal microscopy quantification of reactive oxygen species: a working model in rat kidney**. Rom J Morphol Embryol. 2017;58(3):953-960, ISSN 2066-8279; IF=0.67

	Adrian Sturza, Oana M Duicu, Adrian Vaduva, Maria D Dănilă, Lavinia Noveanu, András Varró, Danina M Muntean, Monoamine oxidases are novel sources of cardiovascular oxidative stress in experimental diabetes 1, Canadian journal of physiology and pharmacology, vol 93, issue 999, pag.1-7, 12.03.2015 NRC Press, DOI: 10.1139/cjpp-2014-0544, FI: 1.770 Gruia, Alexandra T; Suci, Maria; Barbu - Tudoran, Lucian; Azghadi, Seyed Mohammad Reza; Cristea, Mirabela I; Nica, Dragos V; Vaduva, Adrian; Muntean, Danina; Mic, Ani Aurora; Mic, Felix A, Mesenchymal Stromal Cells Differentiating to Adipocytes Accumulate Autophagic Vesicles Instead of Functional Lipid Droplets Journal of Cellular Physiology, first published online 2015, DOI: 10.1002/jcp.25177, FI 3,839 Sturza, Adrian; Duicu, Oana; Vaduva, Adrian; Noveanu, Lavinia; Danila, Maria; Privistirescu, Andreea; Timar, Romulus; Muntean, Danina; Munteanu, Mircea; Reduction of Rage Expression by Vitamin D in Isolated Diabetic Rat Aortas, Revista de Chimie, vol 66, nr 9, pag 1509-1512, 2015 CHIMINFORM DATA SA CALEA PLEVNEI NR 139, SECTOR 6, BUCHAREST R-77131, ROMANIA, FI: 0.810 Sturza, A, Duicu, O, Vaduva, A, Danila, M, Ionita, I, Munteanu, M, Muntean, D, Lighezan, R Hydrogen Peroxide Promotes Endothelial Dysfunction by Decreasing Nitric Oxide Bioavailability in Experimental Diabetes Mellitus REVISTA DE CHIMIE Volume: 67 Issue: 11 Pages: 2302-2305 IF=0,810 Duicu OM, Lighezan R, Sturza A, Ceausu RA, Borza C, Vaduva A, Noveanu L, Gaspar M, Ionac A, Feier H, Muntean DM, Mornos C., Monoamine Oxidases as Potential Contributors to Oxidative Stress in Diabetes: Time for a Study in Patients Undergoing Heart Surgery Biomed Res Int. 2015;2015:515437. doi: 10.1155/2015/515437. Epub 2015 May 25, FI: 1,579 Adrian Sturza, Oana Duicu, Adrian Vaduva , Lavinia Noveanu, Maria Danila, Andreea Privistirescu, Mircea Munteanu, Danina Muntean, Vitamin D Improves Vascular Function In Experimental Diabetes, Fiziologia, vol 25, nr. 3, pag. 4-9, 2015, BDI B+ ISSN 1223-2076 Lighezan R, Sturza A, Duicu OM, Ceausu RA, Vaduva A, Gaspar M, Feier H, Vaida M, Ivan V, Lighezan D, Muntean DM, Mornos C. Monoamine oxidase inhibition improves vascular function in mammary arteries from nondiabetic and diabetic patients with coronary heart disease, Can J Physiol Pharmacol. 2016 Oct;94(10):1040-1047 Oana M Duicu, Rodica Lighezan, Adrian Sturza, Raluca Balica, Adrian Vaduva, Horea Feier, Marian Gaspar, Adina Ionac, Lavinia Noveanu, Claudia Borza, Danina M Muntean, Cristian Mornos Assessment of Mitochondrial Dysfunction and Monoamine Oxidase Contribution to Oxidative Stress in Human Diabetic Hearts Oxidative medicine and cellular longevity, 2016;2016:8470394. doi: 10.1155/2016/8470394, FI=4.49 Vaduva A, Sturza A, Tiugan DA, Muntean D, Dema A. Body Mass Dependence Of Reactive Oxygen Species Compartmental Distribution In The Rat Diabetic Kidneys. Fiziologia - Physiology 2016.26.4(92) ISSN 1223-2076 BDI B+
Publications Abstracts	D.-C. Lazureanu, D. Herman, A. Vaduva, A. Jurescu, R. Cornea, O. Vita, R. Barna, B. Nataras, M. Cornianu, A. Dema. Clinical and imaging mimic of posterior fossa' meningioma: medulloblastoma in young-to-middle of adulthood patients. E-PS-18-026, Virchows Archiv (2025) 487 (Suppl 1):S456, https://doi.org/10.1007/s00428-025-04179-2. A.-I. Nitu, A. Vaduva, S. Taban, C.D. Lazureanu, A. Dema, S. Dema. Diagnostic and therapeutic challenges in multiple primary malignant tumours. E-PS-20-003, Virchows Archiv (2025) 487 (Suppl 1):S464, https://doi.org/10.1007/s00428-025-04179-2. I.-A. Traila, M. Marasescu, A. Muresan, R. Cornea, C. Suci, A. Dema, D. Szilagyi, C. Lazureanu, M. Cornianu, S. Taban, A. Vaduva. Temporal shifts in gastric cancer dynamics: time series analysis (pre-pandemic and pandemic) in a county hospital in Western Romania. PS-24-040. Virchows Archiv (2024) 485 (Suppl 1):S161, https://doi.org/10.1007/s00428-024-03880-y. R. Matei, S. Pittau, C. Lazureanu, M. Cornianu, A. Dema, A. Muresan, S. Costi, M. Lacob, D. Anderco, C. Suci, R. Cornea, D. Herman, D. Szilagyi, S. Taban, A. Vaduva. Colorectal cancer - a quick overview of the impact of the COVID19 Pandemic on its diagnosis in Romania. E-PS-24-109. Virchows Archiv (2024) 485 (Suppl 1):S494, https://doi.org/10.1007/s00428-024-03880-y

	R.A. Barna, M. Cornianu, S. Tăban, D. Lăzureanu, A. Vaduva, A. Jurescu, O. Vița, A.D. Ploeanu, T. Moga, A. Ploeanu, R. Șirli. Exploring the relationship between tumour grade, tumour size, and lymph node metastasis in colorectal carcinoma. <i>Virchows Arch.</i> (2023), 483 (Suppl 1):S195, E-PS-06-009. doi:10.1007/s00428-023-03602-w. D. Lăzureanu, M. Cornianu, A. Jurescu, R. Comea, A. Vaduva, A. Dema. An unusual site for extramedullary (extraosseous) plasmacytoma: nasopharynx - case report. <i>Virchows Archiv</i> (2023) 483 (Suppl 1): S290, E-PS-24-008. doi:10.1007/s00428-023-03602-w. Barna RA, Jurescu A, Tăban S, Muresan A, Vaduva A, Lupu V, Dobrescu A, Natarăș BR, Balș MM, Cornianu M. Anaplastic thyroid carcinoma: a 12-year observational retrospective study. 34th European Congress of Pathology - Abstracts; Basel, Elveția, 3-7 Sept. 2022; https://link.springer.com/article/10.1007/s00428-022-03379-4; <i>VIRCHOWS ARCHIV</i> Vol. 481, No. SUPPL 1, pp. S252-S253, Special Issues Meeting Abstract, E-PS-08-01; ISSN: 0945-6317. Journal Impact Factor 3.5. Alis Dema, Mărioara Cornianu, Codruța Lăzureanu, Octavia Vița, Aura Jurescu, Bianca Natarăș, Robert Barna, Adrian Vaduva, Sorina Tăban. The pre-analytical and analytical phase of lab testing: implications for diagnosis and therapy. Al XVIII-lea Simpozion Național de Morfologie Microscopică cu participare internațională 12 -15 octombrie 2022, Craiova, România, Volum de rezumate, Editura Medicală Universitară Craiova, ISBN 978-973-106-160-3 Aura Jurescu, Adrian Vaduva, Remus Comea, Robert Barna, Codruța Lăzureanu, Anca Mureșan, Mărioara Cornianu, Sorina Tăban, Alis Dema. Right vs left colorectal carcinomas: an overview of clinicopathological features. The pre-analytical and analytical phase of lab testing: implications for diagnosis and therapy. Al XVIII-lea Simpozion Național de Morfologie Microscopică cu participare internațională 12 -15 octombrie 2022, Craiova, România, Volum de rezumate, Editura Medicală Universitară Craiova, ISBN 978-973-106-160-3 Vaduva, A; Glameanu, C; Muntean, D; Dema, A; In vivo characterization of reactive oxygen species dynamics in rats with unilateral urinary obstruction, <i>European Journal Of Clinical Investigation</i> vol. 45 suppl. 2, 2015 WILEY-BLACKWELL IF: 2.834 Duicu O M; R Lighezan; R Balica; A Sturza; A Vaduva; H Feier; M Gaspar; C Borza; D Muntean; C Momos. Assessment of mitochondrial dysfunction and monoamine oxidase contribution to oxidative stress in coronary patients with and without diabetes. <i>Heart Failure</i> 2015, 23-26 May, Seville, Spain. <i>European Journal of Heart Failure</i>, 17 (Suppl. 1), p. 438, IF: 6.577 Duicu O M, R. Lighezan, A. Sturza, R. Balica, A. Vaduva, H. Feier, M. Gaspar, C. Borza, A. Ionac, C. Momos, D.M. Muntean. Contribution of Monoamine Oxidases To Oxidative Stress in Coronary Patients With and Without Diabetes. The 49th Annual Scientific Meeting of the European Society for Clinical Investigation Cluj-Napoca, Romania 27 – 30 May 2015. <i>European Journal of Clinical Investigation</i>. 45 (Issue Supplement s2): p. 30. Online ISSN: 1365-2362. IF: 2.834 Duicu O M, O.M. Duicu, R. Lighezan, L. Noveanu, A. Vaduva, H. Feier, M Gaspar, C. Borza, A. Ionac, D.M. Muntean, C. Momos. Monoamine oxidase inhibition improves endothelium-dependent relaxation in diseased human mammary arteries. The 49th Annual Scientific Meeting of the European Society for Clinical Investigation Cluj-Napoca, Romania 27 – 30 May 2015. <i>European Journal of Clinical Investigation</i>. 45 (Issue Supplement s2): p. 26. Online ISSN: 1365-2362. IF: 2.834 Adrian Sturza; O Duicu; R Lighezan; R Balica; A Vaduva; H Feier; M Gaspar; C Borza; D Muntean; C Momos. Monoamine oxidase inhibition improves vascular function in diseased human mammary arteries. <i>Heart Failure</i> 2015, 23-26 May, Seville, Spain. <i>European Journal of Heart Failure</i>, 17 (Suppl. 1), p. 243, IF: 6.577 Dema, A; Anderco, D; Muresan, A; Vaduva, A; Georgescu, M; Minciu, R; Vlad, M; Taban, S Leydig cell tumour of the testis: A small case series <i>Virchows Archiv</i> 467 S270-S270 2015 Springer Lazureanu, D-C; Costi, S; Taban, S; Cornianu, M; Dema, S; Onet, D; Vaduva, A; Ples, H; Dema, A; Unexpected recurrence of a pineal region mature teratoma as germinoma, 10 years after <i>Virchows Archiv</i> 467 S270-S270 2015 Springer Taban, S; Jurescu, A; Vaduva, A; Cornianu, M; Lazureanu, C; Dema, A; The clinicomorphological risk factors analysis in early stages of colorectal carcinoma <i>Virchows</i>
--	--

	Archiv 467 S270-S270 2015 Springer Taban, S; Vita, O; Vaduva, A; Cornianu, M; Lazureanu, C; Dema, A, HER2 overexpression and correlation with clinicopathological factors in gastric carcinoma Virchows Archiv 467 S270-S270 2015 Springer Alis Dema, C. Duta, D. Al-Jobory, A. Radulescu, S. Taban, A. Vaduva, R. Comea, S. Dema, D. Szilagyi Malignant spiradenocarcinoma mimicking a breast carcinoma 28th Congress of the European Society of Pathology, 25-29 September 2016, published in Virchows Arch (2016) 469 (Suppl 1): S1-S346, E-PS-04-028 Alis Dema, D. Herman, S. Taban, R. Prejbeanu, I. AVram, A. Vaduva, S. Dema, A. Marian An unusual malignant tumor of the spermatic cord: Dedifferentiated liposarcoma with a large rhabdomyosarcomatous component 28th Congress of the European Society of Pathology, 25-29 September 2016, published in Virchows Arch (2016) 469 (Suppl 1): S1-S346, PS-24-042 Alis Dema, D. Herman, S. Taban, R. Prejbeanu, I. AVram, A. Vaduva, S. Dema, A. Marian An unusual malignant tumor of the spermatic cord: Dedifferentiated liposarcoma with a large rhabdomyosarcomatous component 28th Congress of the European Society of Pathology, 25-29 September 2016, published in Virchows Arch (2016) 469 (Suppl 1): S1-S346, PS-24-042 Aura Jurescu, A. Vaduva, A. Gheju, O. Vita, M. Cornianu, F. Lazar, S. Taban, A. Dema Poorly differentiated clusters: Are they important in evaluation of colorectal carcinoma? 28th Congress of the European Society of Pathology, 25-29 September 2016, published in Virchows Arch (2016) 469 (Suppl 1): S1-S346, PS-16-091 Alis Dema, S. Taban, A. Vaduva, R. Comea, M. Cornianu, A. Muresan, R. Bardan, O. Vita, D. Anderco Uncommon case of familial Sertoli cell tumor of the testis Virchows Arch. (2017) 471 (Suppl.1): S1-S352, PS-25-111 Duicu OM, Lighezan R, Sturza A, Balica R, Vaduva A, Feier H, Gaspar M, Borza C, Ionac A, Momos C, Muntean DM – Assessment of monoamine oxidase contribution to the cardiovascular dysfunction in human diabetic hearts, 2nd European Section Meeting of the International Academy of Cardiovascular Sciences – "Heart Diseases: How new research may lead to new treatments", Belgrad, Serbia, 8-10 octombrie 2015, Abstract Book, p.111, ISBN 978-86-904799-8-6 IF: 6.577 Adrian Sturza, Oana Duicu, Rodica Lighezan, Raluca Balica, Adrian Vaduva, Horea Feier, Marian Gaspar, Claudia Borza, Danina Muntean, Cristian Momos – Monomine Oxidase Inhibition Improves Vascular Function In Diseased Human Mammary Arteries, 2nd World Congress on Acute Heart Failure, 23-26 mai 2015, Sevilla, Spania, European Journal of Heart Failure, 2015;17(Suppl.1):243, Online ISSN: 1879-0844, Revistă cotate ISI, Factor de impact: 6.577 Duicu O M, R.Lighezan, R.Balica, A.Sturza, A.Vaduva, H.Feier, M.Gaspar, C.Borza, D.Muntean, C.Momos – Assessment of mitochondrial dysfunction and monoamine oxidase contribution to oxidative stress in coronary patients with and without diabetes, 2nd World Congress on Acute Heart Failure, 23-26 mai 2015, Sevilla, Spania, European Journal of Heart Failure, 2015;17(Suppl.1):438, Online ISSN: 1879-0844, Revistă cotate ISI, Factor de impact: 6.577 Dema A, M. Decaussin-Petrucci M, Tăban S, Onet D, Hrubaru N, Vaduva A, Comea R, Crstici D, Derban M, Lazar E - Tumor-to-tumor metastasis: uterine leiomyoma with metastasis of neuroendocrine carcinoma. Abstr. In: Virchows Arch, august 2013; 463 (2): PS-02-042; pg.159. 25th European Congress of Pathology, 31 Aug - 4 Sept 2013, Lisabona, Portugalia A. Vaduva, R. Comea, M. Cornianu, I. Mihai, A. Muresan, O. Vita, M. Derban, A. Jurescu, A. Gheju, S. Taban, C. Lazureanu, C. Duta, F. Lazar, A. Dema. The impact of introducing virtual slides as a replacement for powerpoint presentations in the students' microscopy labs. The Diagnostic Pathology Journal - 13th European Congress on Digital Pathology Proceedings, 8:182, ISSN 2364-4893 DOI: http://dx.doi.org/10.17629/www.diagnosticpathology.eu-2016-8:182 A. Vaduva, R. Comea, I. Mihai, M. Cornianu, D. Szilagyi, A. Muresan, D. Anderco, C. Suciu, C. Lazureanu, A. Dema Objective KI-67 index quantification in non-breast tumors- preliminary data in Timisoara, Romania, The Diagnostic Pathology Journal - 13th European Congress on Digital Pathology Proceedings, 8:197, DOI:
--	---

<http://dx.doi.org/10.17629/www.diagnosticpathology.eu-2016-8:197>

Adrian Sturza, Oana Duicu, Rodica Lighezan, Raluca Balica, **Adrian Vaduva**, Horea Feier, Marian Gaspar, Claudia Borza, Danina Muntean, Cristian Mornos, ***Inhibition Of Monoamine Oxidase Restores Normal Vascular Function In Diseased Human Mammary Arteries Isolated From Patients Undergoing Heart Surgery***, 2nd European Section Meeting of the International Academy of Cardiovascular Sciences – "Heart Diseases: How new research may lead to new treatments", Belgrad, Serbia, 8-10 octombrie 2015, Abstract Book, p.144, ISBN 978-86-904799-8-6

Adrian Sturza, Oana Duicu, **Adrian Vaduva**, Andreea Privistirescu, Lavinia Noveanu, Danina Muntean – ***Increased vascular oxidative stress in experimental diabetes is sustained by a positive feedback loop involving hydrogen peroxide and monoamine oxidase***, 2nd European Section Meeting of the International Academy of Cardiovascular Sciences – "Heart Diseases: How new research may lead to new treatments", Belgrad, Serbia, 8-10 octombrie 2015, Abstract Book, p.143, ISBN 978-86-904799-8-6, PREMIU PREZENTARE POSTER

Adrian Sturza, Oana Duicu, **Adrian Vaduva**, Lavinia Noveanu, Andreea Privistirescu, Maria Danilă, Mircea Munteanu, Romulus Timar, Danina Muntean - ***Calcitriol Modulates Vascular Expression of Receptor For Advanced Glycation End Products and Monoamine Oxidase In Experimental Diabetes***, Advances in Cardiovascular Research Symposium – from the bench to the patient's bed, Smolenice Castle, Bratislava, Slovakia, 2-5 sept 2015, Program and Abstract Book, p.89, ISBN 978-80-224-1452-4, PREMIU PREZENTARE POSTER – Pavel Braveny Poster Competition Award

Duicu OM, **Vaduva A**, Lighezan R, Sturza A, Noveanu L, Gaspar M, Ionac A, Feier H, Mornos C - ***Assesment of cardiovascular dysfunction in diabetic and non-diabetic coronary patients undergoing heart surgery***, 3rd Congress of Physiological Sciences of Serbia with international participation, Belgrad, Serbia, 29-31 oct 2014, Abstract book, p. 114, ISBN 978-86-904799-7-9

Duicu Oana Marian, Lighezan Rodica, Sturza Adrian, Feier Horia, Gaspar Marian, Ionac Adina, **Vaduva Adrian**, Noveanu Lavinia, Borza Claudia, Muntean Danina, Mornos Cristian – ***Assesment of monoamine oxidases contribution to the mitochondrial dysfunction in human diabetic hearts***, 5th World Congress on Targeting Mitochondria, Strategies, Innovations & Clinical Applications, 29-31 Oct 2014, Berlin, Gemania, Abstract book,p.107, ISBN 978-2-35609-093-5

Vaduva A., Glameanu C., Muntean D., Dema A. ***Standardization of the in vivo assessment of oxidative stress in rat kidney***, 3rd Congress of Physiological Sciences of Serbia with International Participation, 29-31 oct. 2014, Rez. P111 in Molecular, Cellular and Integrative Basis of Health and Disease: transdisciplinary approach: abstract book, p201. ISBN:978-86-904799-7-9

Adrian Vaduva, Rodica Lighezan, Oana M. Duicu, Adrian Sturza, Horea Feier, Marian Gaspar, Cristian Mornos, Danina M. Muntean ***Assessment of oxidative stress and mitochondrial respiration in coronary patients with and without diabetes***, Zinc-Net The COST Action for Zinc Biology, 1st Scientific Conference, London 2014, Abstract Book, p14

Vaduva, Adrian; Lighezan, Rodica; Duicu, Oana; Sturza, Adrian; Feier, Horea; Gaspar, Marian; Angoulvant, Denis; Mornos, Cristian; Muntean, Danina M, ***0434: Evaluation of ROS generation and mitochondrial respiration in atrial samples from diabetic and non-diabetic coronary patients***, Archives of Cardiovascular Diseases Supplements vol .7 no.2 pag. 141, 2015 Elsevier Masson, ISSN: 1878-6480

Felicia Mitroi, Cosmin Sinescu, Corina Marcautuanu, **Adrian Vaduva**, Danina Muntean, Meda Lavinia Negrutiu, Eniko Tunde Stoica, Florin Topala, Adrian Tudor Stan, Virgil-Florin Duma. ***Microscopic analysis of the marginal gaps of Tizian adhesive partial crowns***. Abstract book - 2nd Intl Seminar on Biomaterials and Regenerative Medicine (BioRemed), Timisoara (Romania), Oct. 5-8, 2017, ISSN 2601-0372

Adrian Tudor Stan, Laura Elena Cirligeriu, **Adrian Vauva**, Laura Idorasi, Danina Muntean, Felicia Mitroi, Roxana Buzatu, Tareq Hajaj, Meda Lavinia Negrutiu, Cosmin Sinescu, Mihai Rominu. ***Interface evaluation of dental composite resins using confocal laser scanning microscopy and microCT***. Abstract book - 2nd Intl Seminar on Biomaterials and Regenerative Medicine (BioRemed), Timisoara (Romania), Oct. 5-8, 2017, ISSN 2601-0372

Adrian Vaduva, Paul Muntean, Fulger Lazar, Alis Dema ***Impactul folosirii lamelor virtuale in***

	pregatirea rezidentilor nefrologi si anatomopatologi din centrul universitar Timisoara, Al XV-lea Simpozion National de Morfologie Microscopica cu Participare Internationala, volum de rezumate, pag. 86-87, ISBN 978-973-106-292-1 Adrian Vaduva, Adrian Sturza, Danina Muntean, Alis Dema Dispozitiv si metoda pentru crio-includere la distanta, Al XV-lea Simpozion National de Morfologie Microscopica cu Participare Internationala, volum de rezumate, pag. 88, ISBN 978-973-106-292-1 Adrian Sturza, Oana Duicu, Adrian Vaduva, Lavinia Noveanu, Marian Gaspar, Romulus Timar, Andras Varro, Danina M. Muntean, Cristian Momoș - Monoamine Oxidases As Novel Mediators Of Endothelial Dysfunction In Diabetes – A Translational Approach, Al 41-lea Congres National cu participare Internationala al Societatii Romane de Diabet zaharat, nutritie si boli metabolice, Sibiu, 20-23 mai 2015, Acta Diabetologica Romana, Nr. 41, p.120-121, ISSN 158-6571 Adrian Sturza, Oana Duicu, Adrian Vaduva, Lavinia Noveanu, Maria Danila, Mircea Munteanu, Romulus Timar, Danina Muntean – Vitamina D îmbunătățește funcția vasculară și scade expresia monoaminoxidazei și a receptorului pentru produși de glicare avansată în diabetul zaharat experimental, Al 54-lea Congres National de Cardiologie, Sinaia, Romania, 17-19 September 2015, Revista Romana de Cardiologie, 2015;suppl:p.214-215 Emilian Olteanu, Ioana Mihai, Gheju Adelina, Aura Jurescu, Mihnea Derban, Adrian Vaduva, Remus Cornea, Octavia Vita, Sorina Taban, Anca Muresan, Marioara Comianu, Codruta Lazureanu, Alis Dema Formarea in anatomie patologica: unde suntem si incotro ne indreptam? Al XV-lea Simpozion National de Morfologie Microscopica cu Participare Internationala, volum de rezumate, pag. 67, ISBN 978-973-106-292-1 Alis Dema, Sorina Taban, Marioara Comianu, Anca Muresan, Codruta Lazureanu, Remus Cornea, Octavia Vita, Adrian Vaduva, Aura Jurescu, Ioana Mihai, Adelina Benescu, Emilian Olteanu Uropatologul – incotro? Al XV-lea Simpozion National de Morfologie Microscopica cu Participare Internationala, volum de rezumate, pag. 24, ISBN 978-973-106-292-1 Adrian Sturza, Oana Duicu Adrian Vaduva, Lavinia Noveanu, Mircea Munteanu, Romulus Timar, Danina Muntean Vitamin D And Vascular Function In Experimental Diabetes – Emphasis On Monoamine Oxidase, Al 41-lea Congres National cu participare Internationala al Societatii Romane de Diabet zaharat, nutritie si boli metabolice, Sibiu, 20-23 mai 2015, Acta Diabetologica Romana, Nr. 41, p.270-272, ISSN 158-6571 Adrian Sturza, Oana Duicu, Adrian Vaduva, Lavinia Noveanu, Marian Gaspar, Romulus Timar, Mircea Munteanu, Rodica Lighezan, Danina M. Muntean, Cristian Momoș - Monoamine Oxidase Inhibitors Attenuates Endothelial Dysfunction In Human Mammary Arteries Segments Isolated From Patients Undergoing Heart Surgery, Al 41-lea Congres National cu participare Internationala al Societatii Romane de Diabet zaharat, nutritie si boli metabolice, Sibiu, 20-23 mai 2015, Acta Diabetologica Romana, Nr. 41, p.272-273, ISSN 158-6571 Adrian Văduva, R. Lighezan, <u>O. Duicu</u>, A. Sturza, M. Gaspar, H. Feier, D. Muntean, A. Dema, C. Momoș (2015) Capcane în cuantificarea marcării cu diclorofluoresceină a preparatelor de țesut atrial uman. Congresul Național al Societății Române de Fiziopatologie cu participare internațională: "Clasic și modern în fiziopatologie. O abordare integrativă în educație și cercetare", 7-10 mai, Iasi, 2015. Adrian Sturza, A. Văduva, O. Duicu, R. Lighezan, R. Balica, M. Gaspar, H. Feier, D. M. Muntean, C. Momoș (2015) MAO mediază disfuncția endotelială la nivelul arterelor mamare izolate de la pacienți coronarieni. Congresul Național al Societății Române de Fiziopatologie cu participare internațională: "Clasic și modern în fiziopatologie. O abordare integrativă în educație și cercetare", 7-10 mai, Iasi, 2015. Sturza A., Duicu O., Vaduva A., Noveanu L., Gaspar M., Timar R., Varro A., Muntean D.M., Momoș C. Monoaminoxidazele - noi mediatori ai disfuncției endoteliale în diabetul zaharat - o abordare translationala. <i>Acta Diabetologica Romana</i>, 2015, 41:120-121. Al 41-lea Congres National al Societatii Romane de Diabet, Nutritie si Boli Metabolice. 20-23 Mai, 2015, Sibiu, Romania. Sturza A., Duicu O., Vaduva A., Noveanu L., Munteanu M., Timar R., Muntean D. Vitamina D si functia vasculara in diabetul experimental: interactiunea cu monoaminoxidaza. <i>Acta Diabetologica Romana</i>, 2015, 41:270-273. Al 41-lea Congres National al Societatii Romane de
--	---

	Diabet, Nutritie si Boli Metabolice. 20-23 Mai, 2015, Sibiu, Romania Premiul II la sectiunea postere Alis Dema, Angela Borda, Elena Lazar, Sorina Taban, Maria Cornianu, Anca Muresan, Razvan Bardan, Codruta Lazureanu, Andrada Loghin, Remus Comea, Alexandra Faur, A. Vaduva - Adenomul nefrogen – sursa de confuzie diagnostica cu adenocarcinomul de prostata. Al 7-lea Simpozion National de Patologie, cu participare internationala, Bucuresti, 9-12 nov. 2010. Rez. P39 in Vol. de rezumate, Editura Universitara Carol Davila, Bucuresti, 2010, pp75. ISBN:978-973-708-521-4. Alis Dema, Angela Borda, Sorina Taban, Elena Lazar, Anca Muresan, Maria Cornianu, Andrada Loghin, Alexandra Faur, A. Vaduva, Remus Comea, Cosmin Moldovan- Leziuni cu celule bazale ale prostatei: particularitati morfologice, profil imunohistochimic. Al 7-lea Simpozion National de Patologie, cu participare internationala, Bucuresti, 9-12 nov. 2010. Rez. P40 in Vol. de rezumate, Editura Universitara Carol Davila, Bucuresti, 2010, pp75-76. ISBN: 978-973-708-521-4 Marioara Cornianu, Mihaela Vlad, Ioana Golu, Ioana Muntean, Alexandra Faur, Codruta Lazureanu, Aura Jurescu, M. Derban, A. Vaduva, “P.37 Tuberculum sellae meningioma associated with hypopituitarism, mimiking pituitary adenoma”, Acta Endocrinologica, vol XI, suppl no. 1, pag. 164-165, Editura Academiei Romane, 2015 Alis Dema, Angela Borda, Sorina Taban, Anca Muresan, Denisa Anderco, Andrada Loghin, Remus Comea, Adrian Vaduva, “Actualitati in diagnosticul si managementul neoplaziei intraepiteliale prostatice de grad inalt”, Al XIII-lea Simpozion National de Morfologie Microscopica, cu participare internationala, volum de rezumate, pag. 157, Craiova 4-6 iunie 2015 Adrian Vaduva, P. Muntean, A. Sturza, A.Dema Design of a custom algorithm for image analysis of vascular preparations stained with dihydroethidium Clujul Medical 2017, vol. 90, Suppl No.5, S73 Sturza A., Duicu O., Lighezan R., Vaduva A., Noveanu L., Gaspar M., Timar R., Munteanu M., Muntean D.M., Mornos C. Inhibitorii monoaminooxidazei reduc disfunctia endoteliala pe artere mamare izolate de la pacienti supusi unor interventii chirurgicale la nivelul cordului. <i>Acta Diabetologica Romana</i>, 2015, 41:272-273. Al 41-lea Congres National al Societatii Romane de Diabet, Nutritie si Boli Metabolice. 20-23 Mai, 2015, Sibiu, Romania Adrian Sturza, O.M. Duicu, A. Vaduva, L. Noveanu, M. Danila, D.M. Muntean - Vitamin D improves vascular function and modulates monoamine oxidase expression in aortic rings isolated from diabetic rats. Workshop "Integrarea scolilor doctorale in retelele europene", 27-28 March 2015, Timisoara, Romania, Fiziologia 2015, suppl. Adrian Sturza, Oana Maria Duicu, Adrian Vaduva, Lavinia Noveanu, Maria Danila, Danina Muntean, Vitamin D interacts with monoamine oxidase to protect vascular function in experimental diabetes, Clasic si modern in fiziopatologie: o abordare integrativa in educatie si cercetare. Rezumatele lucrarilor, pag. 270-271, Ed. Gr. T. Popa Iasi, 2015, ISBN 978-606-544-311-2 Adrian Sturza, Adrian Vaduva, Oana Duicu, Rodica Lighezan, Raluca Balica, Marian Gaspar, Horia Feier, Danina Muntean, Cristian Mornos, Monoamine oxidases mediates the endothelial dysfunction in mammary arteries from coronary patients, Clasic si modern in fiziopatologie: o abordare integrativa in educatie si cercetare. Rezumatele lucrarilor, pag. 272-273, Ed. Gr. T. Popa Iasi, 2015, ISBN 978-606-544-311-2 Adrian Vaduva, Rodica Lighezan, Horea Feier, Marian Gaspar, Danina M. Muntean, Alis Dema, Cristian Mornos, Caveats in dichlorofluorescein staining in human atrial frozen sections, Clasic si modern in fiziopatologie: o abordare integrativa in educatie si cercetare. Rezumatele lucrarilor, pag. 299-300, Ed. Gr. T. Popa Iasi, 2015, ISBN 978-606-544-311-2 A. Vaduva, C.L. Serban, C. Lazureanu, R. Comea, O. Vita, A. Gheju, A. Jurescu, I. Mihai, E. Olteanu, V. Lupu, C. Avram, M. Cornianu, A. Muresan, S. Taban, A. Dema. Assessing Student Learning Performance when Switching to Virtual Microscopy, rezumat in – Abstracts Book of The 16th European Congress on Digital Pathology (ECDP2020): What did we expect from Porto's ECDP2020. J Pathol Inform 2020, 11:30 (18 September 2020), https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7605283 A. Văduva, C. Lăzureanu, R. Comea, O. Vița, A. Gheju, A. Jurescu, I. Mihai, E. Olteanu, V. Lupu, M. Cornianu, A. Mureșan, S. Tăban, A. Dema. <i>Steps toward the Gross Digital Pathology Museum: Are We Ready</i>
--	--

	<i>For it?</i> Timișoara anatomical days, 6-7 decembrie, Timișoara, România, 2019. Research and Clinical Medicine, 2019, Volume III, Supplement I, pg. 84, ISSN: 2360-1124. D. C. Lăzureanu, A. Jurescu, A. Văduva, A. Gheju, I. Mihai, A. Dema. <i>A Comparative Analysis of the Neck Congenital Cystic Lesions with Anatomico-Clinical Evaluation</i>. Timișoara anatomical days, 6-7 decembrie, Timișoara, România, 2019. Research and Clinical Medicine, 2019, Volume III, Supplement I, pg. 44, ISSN: 2360-1124. O. Vița, M. Cornianu, A. Văduva, S. Tăban, C. Lăzureanu, A. Jurescu, A. Gheju, I. Mihai, R. Comea, A. Dema. <i>Morphological Aspects and Clinical Implications of Ectopic Parathyroid Tissue</i>. Timișoara anatomical days, 6-7 decembrie, Timișoara, România, 2019. Research and Clinical Medicine, 2019, Volume III, Supplement I, pg. 85, ISSN: 2360-1124. A. Gheju, S. Tăban, I. Mihai, A. Jurescu, Gh. E. Olteanu, O. C. Vița, A. Văduva, M. Cornianu, D. Anderco, A. Dema. <i>A Rare Case of Kidney Pathology: Wunderlich Syndrome</i>. Timișoara anatomical days, 6-7 decembrie, Timișoara, România, 2019. Research and Clinical Medicine, 2019, Volume III, Supplement I, pg. 32, ISSN: 2360-1124 A. Jurescu, A. Muresan, O. C. Vița, A. Văduva, A. Gheju, I. Mihai, E. Gh. Olteanu, R. Comea, V. Lupu, C. Lăzureanu, M. Cornianu, S. Tăban, A. Dema. <i>Clinicopathological Correlations in Uterine Cancer</i>. Timișoara anatomical days, 6-7 decembrie, Timișoara, România, 2019. Research and Clinical Medicine, 2019, Volume III, Supplement I, pg. 39, ISSN: 2360-1124 A. Jurescu, M. Cornianu, A. Văduva, A. Gheju, I. Mihai, EG. Olteanu, O. C. Vița, R. Comea, C. Lăzureanu, S. Tăban, A. Dema. <i>Ectopic Tissue and its Clinical and Pathological Significance</i>. Timișoara anatomical days, 6-7 decembrie, Timișoara, România, 2019. Research and Clinical Medicine, 2019, Volume III, Supplement I, pg. 40, ISSN: 2360-1124
Oral presentations	Custom Designed Image Analysis Protocol For Fluorescence Quantification Of Dihydroethidium Labeled Frozen Sections – in cadrul First Euroregional Conference for PhD students and young researchers in biomedicine, Timisoara, 2015 The icy-cool approach to image analysis in confocal microscopy – în cadrul workshopului Translational Research in Mitochondria Disease: From Molecule To Man A-live microscopy: My chase for truer ROS imaging – în cadrul școlii de vară Lasers in Medicine and Life Sciences - LAMELIS 2014 - Szeged Marcajul macroscopic al pieselor histopatologice – in cadrul workshopului Biomarkeri implicați în diagnosticul, evaluarea, prognosticul și managementul terapeutic în cancerul de prostată – Timisoara, 2011 Stresul oxidativ la pacienții cu afecțiuni hepatice de etiologie etanolică – in cadrul Sesiunii Anuale de Comunicări Științifice MEDICA 2002, Oradea. Examenul morfopatologic în afecțiunile cardiace – demonstrații practice – cazul II, Cordul – de la funcție la disfuncție – Școala de vară UMFVBT 2016 Biopsierea rinichiului transplantat: cand si de ce, Conferința de Transplant, EMSA – Timisoara, 2017 Digital pathology and Artificial Intelligence: Will pathologists become obsolete?, Conferința HEART 2019 Timișoara, EMSA Digital pathology – increasingly used in medical procedures Conferința HEART 2019 Timișoara, EMSA Autopsia – cand si de ce? – Death awareness week 2024 Adrian Vaduva, Robert Barna, Alis Dema cu prezentarea intitulată „HER2 expression evaluation using in-situ hybridization techniques.” din cadrul workshopului intitulat „Markeri prognostici și predictivi în neoplaziile mamare” organizat de Prof. Univ. Dr. Alis Liliana - Carmen Dema și colaboratorii, Catedra Universitară Anatomie patologică din cadrul Universității de Medicină și Farmacie “Victor Babeș” din Timișoara Biopsia – importanța diagnosticului histopatologic – Webinar NEFRO DE LA EST LA VEST

Speciality books and chapters	Alis Dema, Sorina Tăban, Marioara Cornianu, Anca Mureșan, Codruța Lăzureanu, Remus Cornea, Adrian Văduva, Octavia Vița, Aura Jurescu, Vlad Lupu. Morfopatologie specială. Timișoara, 2022. Editura „Victor Babeș”. ISBN 978-606-786-277-5 Alis Dema, Sorina Tăban, Mărioara Cornianu, Anca Mureșan, Codruța Lăzureanu, Remus Cornea, Adrian Vaduva, Octavia Vita, Aura Jurescu, Adelina Gheju, Ioana Mihai, Emilian Olteanu, Vlad Lupu - Morfopatologie Generala, Editura „Victor Babeș”, Timisoara 2019, ISBN 978-606-786-150-1 Alis Dema, Sorina Tăban, Mărioara Cornianu, Anca Mureșan, Codruța Lăzureanu, Remus Cornea, Octavia Vita, Mihnea Derban, Adrian Vaduva, Aura Jurescu- Morfopatologie Generala, editura Eurobit, Timișoara 2015, ISBN 978-973-132-256-8 Alis Dema, Sorina Tăban, Mărioara Cornianu, Anca Mureșan, Codruța Lăzureanu, Alexandra Faur, Remus Cornea, Octavia Vita, Mihnea Derban, Adrian Vaduva - Morfopatologie Generala, editura Eurobit, Timișoara 2014, ISBN 978-973-132-180-6 Alis Dema, Sorina Tăban, Mărioara Cornianu, Anca Mureșan, Codruța Lăzureanu, Remus Cornea, Mirela Grigoraș, Mihnea Derban, Adrian Vaduva, Bogdan Balinisteanu- Morfopatologie Specială, editura Eurobit, Timișoara 2013, ISBN 978-973-132-051-9 Adrian Vaduva, Danina Muntean Principles and Experiments Guide in Electrophysiology and Molecular Biology, sub redacția Norbert Jost și Danina Muntean. Titlu capitol: Confocal microscopy techniques Ed. Victor Babes, Timisoara, 2014, ISBN 978-606-8456-33-1 Catalog de cunoștințe și abilități practice – Medicină – sub Redacția Prorectoratului Didactic și a Decanatului Facultății de Medicină, Ed. Victor Babes, Timisoara, 2015 ISBN 978-606-8456-64-5 Sorina Maria Tăban, Adrian Ovidiu Văduva. Cap 22. Rinichii. În Strayer DS, Saffitz JE, Rubin E. Rubin Patologie. Mecanismele bolilor umane. Ediția a 8-a. Wolters Kluwer / Ed. Hipocrate, București, 2023 – coordonator ediția în limba română: 916-969
Patents	Dispozitiv si metoda pentru crioincludere a materialului tisular in vederea examinarii microscopice – RO 130705 A0 – RO BOPI 11/2015 din 27.11.2015; RO130705 (A3) -2016-12-30
Practical skills	Techniques: optical microscopy, electron microscopy, immunohistochemistry, immunofluorescence, confocal microscopy, tissue microarray, digital pathology, ISH
Computer skills	Advanced PC use
Research team membership	Partnerships in innovative fundamental research – PIII-C5-PCFI-2017/2018-01, Project Director: Assoc. Prof. Dr. Adrian Sturza – UMFVBT CNFIS-FDI-2023-F-0544 – Strategic support for MEDical EDUcation assisted by DIGital tools through an institutional self-assessment process, Project Director: Prof. Dr. Daniel Florin Lighezan – UMFVBT
Participation in EU-funded projects	Development of histopathological and molecular cancer diagnosis capacity within SCJUPBT – ANAPATMOL, SMIS Code 327163, under the Health Program, Priority 7: Investments in public infrastructure of genetics and pathology laboratories for cancer diagnosis for personalized treatment based on identified tumor profile – Technical Responsible