

INFORMAȚII PERSONALE



**Vaduva Adrian Ovidiu**

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Sexul Masculin | Data nașterii 20/07/1981 | Naționalitatea Romana

EXPERIENȚA PROFESIONALĂ

Septembrie 2018 - prezent

**Asistent universitar**

Universitatea de Medicina si Farmacie V. Babes, Timisoara, P-ta Eftimie Murgu nr. 2

▪ Sustinere de lucrari practice pentru studentii anului III Medicina Generala, secțiile română și engleza, an II Medicina Dentara, secțiile română si engleză

Februarie 2018 – Septembrie 2018

**Asistent universitar asociat**

Universitatea de Medicina si Farmacie V. Babes, Timisoara, P-ta Eftimie Murgu nr. 2

▪ Sustinere de lucrari practice pentru studentii anului III Medicina Generala, secțiile română și engleza, an II Medicina Dentara, secțiile română si engleză

25.02.2013 – ianuarie 2018

**Asistent universitar**

Universitatea de Medicina si Farmacie V. Babes, Timisoara, P-ta Eftimie Murgu nr. 2

▪ Sustinere de lucrari practice pentru studentii anului III Medicina Generala, English Division si an II Medicina Dentara, sectiile romana si engleza

01.10.2011-25.02.2013

**Asistent universitar asociat**

Universitatea de Medicina si Farmacie V. Babes, Timisoara, P-ta Eftimie Murgu nr. 2

▪ Sustinere de lucrari practice pentru studentii anului III Medicina Generala, secțiile română și engleza, an II Medicina Dentara, secțiile română si engleză

2009-2012

**Medic rezident Anatomie Patologica**

Spitalul Clinic Municipal de Urgenta Timisoara

15.01.2011-15.07.2011

**Clinical Observer**

Hammersmith Hospital, Londra, UK

2007-2009

**Medic rezident Anatomie Patologica**

Spitalul Clinic C.I. Parhon Iasi

EDUCAȚIE ȘI FORMARE

2011 - 2017

**Studii doctorale – Doctor în Medicină**

Universitatea de Medicina si Farmacie „Victor Babes” Timisoara

Titlu tezei de doctorat:

**Contributii personale la implementarea si dezvoltarea microscopiei confocale in cadrul Universitatii de Medicina si Farmacie "Victor Babes" din Timisoara – Magna cum Laude, confirmata prin OMEN nr. 5701/27.12.2017**

2012 - prezent Medic specialist Anatomie Patologica

1999-2005 Doctor medic – medicina generala

Universitatea de Medicina si Farmacie „Victor Babes Timisoara – Facultatea de Medicina, Specializarea Medicina Generala

## Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	C2	C2	C2	C2	C2
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

## ACTIVITATE STIINTIFICA

Conferințe	Data	Titlu
	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,

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29.11.2018



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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

Afilieri Renal Pathology Society  
 European Society of Pathology  
 Romanian Society of Morphology

Burse **Workshop Zinc imaging Applications - Zinc Imaging for Zinc-Net** in cadrul proiectului COST actiunea TD1304 (2014)

**STSM (Short Term Scientific Mission)** in cadrul proiectului COST actiunea TD0901 la **Medizinische Fakultat der Universitat Duisburg-Essen, Institut fur Physiologie, Essen (DE) (COST-STSM-TD0901-14818)**

**ERA-EDTA Short term fellowship** (acordata in 2010) pentru specializare in patologie renala (January 2011-July 2011 at Hammersmith Hospital London, UK)

Publicații  
 Articole in extenso

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]

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):in press

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; Suciu, 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

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



	<p>Lighezan R, Sturza A, Duicu OM, Ceausu RA, Vaduva A, Gaspar M, Feier H, Vaida M, Ivan V, Lighezan D, Muntean DM, Mornos C. <b>Monoamine oxidase inhibition improves vascular function in mammary arteries from nondiabetic and diabetic patients with coronary heart disease</b>. <i>Can J Physiol Pharmacol</i>. 2016 Oct;94(10):1040-1047</p> <p>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 <b>Assessment of Mitochondrial Dysfunction and Monoamine Oxidase Contribution to Oxidative Stress in Human Diabetic Hearts</b> <i>Oxidative medicine and cellular longevity</i>, 2016;2016:8470394. doi: 10.1155/2016/8470394, FI=4.49</p> <p>Vaduva A, Sturza A, Tiugan DA, Muntean D, Dema A. <b>Body Mass Dependence Of Reactive Oxygen Species Compartmental Distribution In The Rat Diabetic Kidneys</b>. <i>Fiziologia - Physiology</i> 2016.26.4(92) ISSN 1223-2076 BDI B+</p>
<p>Publicații Rezumate</p>	<p><b>Vaduva, A;</b> Glameanu, C; Muntean, D; Dema, A; <b>In vivo characterization of reactive oxygen species dynamics in rats with unilateral urinary obstruction</b>, <i>European Journal Of Clinical Investigation</i> vol. 45 suppl. 2, 2015 WILEY-BLACKWELL IF: <b>2.834</b></p> <p>Duicu O M; R Lighezan; R Balica; A Sturza; <b>A Vaduva;</b> H Feier; M Gaspar; C Borza; D Muntean; C Mornos. <b>Assessment of mitochondrial dysfunction and monoamine oxidase contribution to oxidative stress in coronary patients with and without diabetes</b>. <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</p> <p>Duicu O M, R. Lighezan, A. Sturza, R. Balica, <b>A. Vaduva</b>, H. Feier, M. Gaspar, C. Borza, A. Ionac, C. Mornos, D.M. Muntean. <b>Contribution of Monoamine Oxidases To Oxidative Stress in Coronary Patients With and Without Diabetes</b>. 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</p> <p>Duicu O M, O.M. Duicu, R. Lighezan, L. Noveanu, <b>A. Vaduva</b>, H. Feier, M Gaspar, C. Borza, A. Ionac, D.M. Muntean, C. Mornos. <b>Monoamine oxidase inhibition improves endothelium-dependent relaxation in diseased human mammary arteries</b>. 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</p> <p>Adrian Sturza; O Duicu; R Lighezan; R Balica; <b>A Vaduva;</b> H Feier; M Gaspar; C Borza; D Muntean; C Mornos. <b>Monoamine oxidase inhibition improves vascular function in diseased human mammary arteries</b>. <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</p> <p>Dema, A; Anderco, D; Muresan, A; <b>Vaduva, A;</b> Georgescu, M; Minciuc, R; Vlad, M; Taban, <b>S Leydig cell tumour of the testis: A small case series</b> <i>Virchows Archiv</i> 467 S270-S270 2015 Springer</p> <p>Lazureanu, D-C; Costi, S; Taban, S; Cornianu, M; Dema, S; Onet, D; <b>Vaduva, A;</b> Ples, H; Dema, A; <b>Unexpected recurrence of a pineal region mature teratoma as germinoma, 10 years after</b> <i>Virchows Archiv</i> 467 S270-S270 2015 Springer</p> <p>Taban, S; Jurescu, A; <b>Vaduva, A;</b> Cornianu, M; Lazureanu, C; Dema, A; <b>The clinicomorphological risk factors analysis in early stages of colorectal carcinoma</b> <i>Virchows Archiv</i> 467 S270-S270 2015 Springer</p> <p>Taban, S; Vita, O; <b>Vaduva, A;</b> Cornianu, M; Lazureanu, C; Dema, A, <b>HER2 overexpression and correlation with clinicopathological factors in gastric carcinoma</b> <i>Virchows Archiv</i> 467 S270-S270 2015 Springer</p> <p>Alis Dema, C. Duta, D. Al-Jobory, A. Radulescu, S. Taban, <b>A. Vaduva</b>, R. Cornea, S. Dema, D. Szilagyi <b>Malignant spiradenocarcinoma mimicking a breast carcinoma</b> 28th Congress of the European Society of Pathology, 25-29 September 2016, published in <i>Virchows Arch</i> (2016) 469 (Suppl 1): S1-S346, E-PS-04-028</p>

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. Cornea, 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, Mornos C, Muntean DM – **Assessment of monoamine oxidase contribution to the cardiovascular dysfunction in human diabetic hearts**, 2<sup>nd</sup> 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 Mornos – **Monoamine Oxidase Inhibition Improves Vascular Function In Diseased Human Mammary Arteries**, 2<sup>nd</sup> 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.Mornos – **Assessment of mitochondrial dysfunction and monoamine oxidase contribution to oxidative stress in coronary patients with and without diabetes**, 2<sup>nd</sup> 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**, Cornea 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. Cornea, 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. Cornea, I. Mihai, M. Cornianu, D. Szilagyi, A. Muresan, D. Anderco, C. Suciuc, 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**, 2<sup>nd</sup> 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**, 2<sup>nd</sup> 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**, 3<sup>rd</sup> 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**, 5<sup>th</sup> 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**, 3<sup>rd</sup> 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, 1<sup>st</sup> 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 - 2<sup>nd</sup> Intl Seminar on Biomaterials and Regenerative Medicine (BioRemed), Timisoara (Romania), Oct. 5-8, 2017, ISSN 2601-0372

Adrian Tudor Stan, Laura Elena Cirtigeriu, **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 - 2<sup>nd</sup> 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 pregătirea 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 Mornos – **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 imbunătățește 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 septembrie 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 Cornianu, 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 Cornianu, 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 Mornoș - **Monoamine Oxidase Inhibitors Attenuates Endotelial 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

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Prezentări orale	<p><b>Custom Designed Image Analysis Protocol For Fluorescence Quantification Of Dihydroethidium Labeled Frozen Sections</b> – in cadrul <b>First Euroregional Conference for PhD students and young researchers in biomedicine</b>, Timisoara, 2015</p> <p><b>The Icy-cool approach to image analysis in confocal microscopy</b> – în cadrul workshopului <b>Translational Research in Mitochondria Disease: From Molecule To Man</b></p> <p><b>A-live microscopy: My chase for truer ROS imaging</b> – în cadrul școlii de vară <b>Lasers in Medicine and Life Sciences - LAMELIS 2014 - Szeged</b></p> <p><b>Marcajul macroscopic al pieselor histopatologice</b> – in cadrul workshopului <b>Biomarkeri implicati in diagnosticul, evaluarea, prognosticul si managementul terapeutic in cancerul de prostata – Timisoara, 2011</b></p> <p><b>Stresul oxidativ la pacientii cu afectiuni hepatice de etiologie etanolica</b> – in cadrul <b>Sesiunii Anuale de Comunicari Stiintifice MEDICA 2002</b>, Oradea.</p> <p><b>Biopsierea rinichiului transplantat: cand si de ce</b>, Conferinta de Transplant, EMSA –</p>



	Timisoara, 2017
Carti de specialitate, capitole de carte	<p>Alis Dema, Sorina Tăban, Mărioara Cornianu, Anca Mureșan, Codruța Lăzureanu, Remus Cornea, Octavia Vita, Mihnea Derban, <b>Adrian Vaduva</b>, Aura Jurescu- <b>Morfopatologie Generala</b>, editura Eurobit, Timișoara 2015, ISBN 978-973-132-256-8</p> <p>Alis Dema, Sorina Tăban, Mărioara Cornianu, Anca Mureșan, Codruța Lăzureanu, Alexandra Faur, Remus Cornea, Octavia Vita, Mihnea Derban, <b>Adrian Vaduva</b> - <b>Morfopatologie Generala</b>, editura Eurobit, Timișoara 2014, ISBN 978-973-132-180-6</p> <p>Alis Dema, Sorina Tăban, Mărioara Cornianu, Anca Mureșan, Codruța Lăzureanu, Remus Cornea, Mirela Grigoraș, Mihnea Derban, <b>Adrian Vaduva</b>, Bogdan Balinisteanu- <b>Morfopatologie Specială</b>, editura Eurobit, Timișoara 2013, ISBN 978-973-132-051-9</p> <p><b>Adrian Vaduva</b>, Danina Muntean <b>Principles and Experiments Guide in Electrophysiology and Molecular Biology</b>, sub redactia Norbert Jost si Danina Muntean. Titlu capitol: <b>Confocal microscopy techniques</b> Ed. Victor Babes, Timisoara, 2014, ISBN 978-606-8456-33-1</p> <p><b>Catalog de cunoștințe și abilități practice – Medicină</b> – sub Redacția Prorectoratului Didactic și a Decanatului Facultății de Medicină, Ed. Victor Babes, Timisoara, 2015 ISBN 978-606-8456-64-5</p>
Brevete de invenție	<b>Dispozitiv si metoda pentru crioincludere a materialului tisular in vederea examinarii microscopice</b> – RO 130705 A0 – RO BOPI 11/2015 din 27.11.2015; RO130705 (A3) -2016-12-30
Aptitudini practice	Tehnici de microscopie optica, electronica, imunohistochimie, imunofluorescenta, microscopie confocala, tissue microarray, patologie digitală
Competențe informatice	▪ Utilizare PC nivel avansat
Membru în echipe de cercetare	Parteneriate în cercetarea fundamentală inovativă - PIII-C5-PCFI-2017/2018-01, Director de proiect Conf. Univ. Dr. Adrian Sturza – UMFVBT