

LUCRĂRI PUBLICATE

Dr. Ordodi Laurentiu Valentin

A. LISTA LUCRĂRILOR PUBLICATE ÎN REVISTE INDEXATE ISI CU FACTOR DE IMPACT LA MOMENTUL PUBLICĂRII (ARTICOLE ORIGINALE – PRIM AUTOR/ULTIM AUTOR):

1. **Valentin Ordodi**, Ana-Maria Pană, Alina Dumitrel, Daniel Hădărugă, Andra Tămaș, Vasile Pode, Anamaria Todea, Virgil Păunescu, Șerban Negru. An ecological treatment method for ifosfamide contaminated waste water resulting from oncological therapy. *STUDIA UBB CHEMIA*, LXV, 1, 2020 (p. 267-277).
2. Popoiu CM, Burian CA, Paunescu V, Boia E, Arghirescu S, Muntean DM, **Ordodi VL**. Development of a high-performance anesthesia ventilator for research in small animals. *Int J Artif Organs*. 2014 Jun;37(6):436-41.
3. **Valentin Ordodi**, Gabriela-Alina Dumitrel, Alexandra Gruia, Mihai Iacob, Aurel Felix Mic, Gheorghița Jinescu, Delia Perju. Electrochemical micro-installation for cytostatic waste depuration. *Rev chim* 2010, 61(9): 857-61
4. Ștefănuț MN, Căta A, Pop R, Tănăsie C, Boc D, Ienașcu I, **Ordodi V**. Anti-hyperglycemic effect of bilberry, blackberry and mulberry ultrasonic extracts on diabetic rats. *Foods Hum Nutr*. 2013 Dec;68(4):378-84
5. **Ordodi VL**, Paunescu V, Mic FA. Optimal acces to the rat heart by transverse bilateral thoracotomy with double ligature of the internal thoracic arteries. *Journal of the American Association for Laborator Animal Science* 2008; sept 47(5)
6. Nikola M. Pavlovic· William H. Orem, Calin A. Tatu, Harry E. Lerch, Joseph E. Bunnell· Gerald L. Feder, Emina N. Kostic and **Valentin L. Ordodi**. The Role of Lecithin Cholesterol Acyltransferase and Organic Substances from Coal in the Etiology of Balkan Endemic Nephropathy: A New Hypothesis. *Food and chemical toxicology* 2009
7. **Ordodi VL**, Paunescu V, Ionac M, Sandesc D, Mic AA, Tatu CA, Mic FA. Artificial device for extracorporeal blood oxygenation in rats. *Artif Organs*. 2008 Jan;32(1):66-70.
8. **Ordodi LV**, Păunescu V, Mic AA, Ionac M, Săndesc D, Mic FA. A small scale oxygenator for cardiopulmonary bypass in rats. *The international Journal of Artificial Organs* 2006, 29(8), ISSN 1434-7229
9. **Ordodi LV**, Paunescu V, Mic AA, Gabor L, Ionac M, Toma O, Săndesc D, Mic FA. A Pressure Controlled Rat Ventilator with Electronically Preset Respirations. *Artificial Organs* 2006; 30(2); 966-969
10. **Ordodi LV**, Felix A. Mic., Ani A. Mic, Gabriela Tanasie, Mihai Ionac, Dorel Sandesc, & Virgil Paunescu. Bone marrow aspiration from rats: a minimally invasive procedure. *Lab Animal* 2006, Volume 35, No. 5
11. **Ordodi LV**, Mic AF, Mic AA, Săndesc D, Păunescu V. A simple device for intubation of rats. *Lab Animal* 2005; 34(8): 1-3

B. LISTA LUCRĂRILOR PUBLICATE ÎN REVISTE INDEXATE ISI CU FACTOR DE IMPACT LA MOMENTUL PUBLICĂRII (ARTICOLE ORIGINALE – CONTRIBUȚIE EGALĂ CU A PRIMULUI AUTOR – SPECIFICATĂ ÎN LUCRARE):

1. Ana-Maria Pana, **Valentin Ordodi**, Gerlinde Rusu, Vasile Gherman, Geza Bandur, Lucian-Mircea Rusnac and Gabriela-Alina Dumitrel. Biodegradation Pattern of Glycopolymer Based on D-Mannose Oligomer and Hydroxypropyl Acrylate. *Polymers* 2020, 12, 704
2. Mellidis K, **Ordodi V**, Galatou E, Săndesc D, Bubenek S, Duicu O, Muntean D, Lazou A. Activation of prosurvival signaling pathways during the memory phase of volatile anesthetic preconditioning in human myocardium: a pilot study. *Mol Cell Biochem*. 2014 Mar;388(1-2):195-201.

C. LISTA LUCRĂRILOR PUBLICATE ÎN REVISTE INDEXATE ISI CU FACTOR DE IMPACT LA MOMENTUL PUBLICĂRII (ARTICOLE ORIGINALE - COAUTOR):

1. Barbulescu, GI; Buica, TP; Goje, ID; Bojin, FM; **Ordodi, VL**; Olteanu, GE; Heredea, RE; Paunescu, V. Optimization of Complete Rat Heart Decellularization Using Artificial Neural Networks. *MICROMACHINES*, 2022, Volume 13, Issue 1, Article Number 79, DOI 10.3390/mi13010079

2. Dragomir, TL Pana, AM; **Ordodi, V**; Gherman, V; Dumitrel, GA; Nanu, S. An Empirical Model for Predicting Biodegradation Profiles of Glycopolymers. *POLYMERS*, 2021, Volume 13, Issue 11, Article Number 1819, DOI 10.3390/polym13111819
3. Barbulescu, GI; Bojin, FM; Ordodi, VL; Goje, ID; Buica, TP; Gavriluc, OI; Baderca, F; Hoinoiu, T; Paunescu, V. Innovative Biotechnology for Generation of Cardiac Tissue. *APPLIED SCIENCES-BASEL*, 2021, Volume 11, Issue 12, Article Number 5603, DOI 10.3390/app11125603
4. A.-M. Pană, G. A. Dumitrel, **L. V. Ordodi**, V. Gherman, G. Rusu, A. Stănescu, L. M. Rusnac. Preliminary study on polymer degradation using an aerobic reactor. *Journal of Environmental Protection and Ecology* 20, No 4, 1951–1959 (2019)
5. Dănilă MD, Privistirescu AI, Mirica SN, Sturza A, **Ordodi V**, Noveanu L, Duicu OM, Muntean DM. Acute inhibition of monoamine oxidase and ischemic preconditioning in isolated rat hearts: interference with postischemic functional recovery but no effect on infarct size reduction. *Can J Physiol Pharmacol*. 2015 Sep;93(9):819-25.
6. Paunescu V, Bojin FM, Gavriluc OI, Taculescu EA, Ianos R, **Ordodi VL**, Iman VF, Tatu CA. Enucleation: a possible mechanism of cancer cell death. *J Cell Mol Med*. 2014 Jun;18(6):962-5.
7. Tatu, CS; Bojin, FM; Alexandra, GT; **Ordodi, VL**; Mic, FA; Vlad, I; Cean, A; Gavriluc, OI; Paunescu, V. Features of Lipid Metabolism along Differentiation Pathway of Human Mesenchymal Stem Cells towards Mature Adipocytes. *ROMANIAN BIOTECHNOLOGICAL LETTERS*, 2014, Volume 19, Issue 2, Page 9257-9271
8. Danina M. Muntean, **Valentin Ordodi**, Rene' Ferrera, Denis Angoulvant. Volatile anaesthetics and cardioprotection—lessons from animal studies. *Fundamental and Clinical Pharmacology*. 2012, doi: 10.1111/j.1472-8206.2012.01055.x
9. Ivan, A; **Ordodi, V**; Cean, A; Ilie, DE; Panaitescu, C; Tanasie, G. Comparative study of the differentiation potential of rat bone marrow mesenchymal stem cells and at muscle-derived stem cells. *ARCHIVES OF BIOLOGICAL SCIENCES*, 2013, Volume 65, Issue 4, Page 1307-1315, DOI 10.2298/ABS1304307I
10. Sarandan, H; Decun, M; Paunescu, V; **Ordodi, V**; Bojin, F; Hutu, I; Pop, C; Zarcu, S; Burian, C; Tanasie, G; Sarandan, M. Deoxynivalenol and Ochratoxin A inactivation in broiler chickens' feed. *ROMANIAN BIOTECHNOLOGICAL LETTERS*, 2012, Volume 17, Issue 6, Page 7825-7834
11. Boldeanu, FM; Gruia, AT; **Ordodi, VL**; Serban, M; Bader, P; Kreyenberg, H. Childhood Acute Lymphoblastic Leukemia: Detection of Minimal Residual Disease after Allogeneic Transplantation. *REVISTA ROMANA DE MEDICINA DE LABORATOR*, 2012, Volume 20, Issue 3, Page 59-67
12. Nicolae Vaszilcsin, **Valentin Ordodi**, Alexandra Borza. Corrosion inhibitors from expired drugs. *International Journal of Pharmaceutics* 431 (2012) 241– 244.
13. Florina Maria Bojin, Alexandra Teodora Gruia, Mirabela Iustina Cristea, **Valentin Laurentiu Ordodi**, Virgil Paunescu, Mic Aurel Felix. Adipocytes Differentiated in Vitro from Rat Mesenchymal Stem Cells Lack Essential Free Fatty Acids Compared to Adult Adipocytes. *Stem Cells and Development*. Volume 21, Number 4, 2012\
14. Jinca, C; Arghirescu, S; Bataneant, M; Baica, M; Oprisoni, A; Isac, A; Ionita, I; Popa, M; **Ordodi, V**; Serban, M. Impact of allogeneic hematopoietic stem cell transplantation on the biological parameters of immunity in patients with chronic granulomatous disease. *REVISTA ROMANA DE MEDICINA DE LABORATOR*, 2012, Volume 20, Issue 1, Page 21-31
15. Alexandra T. Gruia, Lucian Barbu Tudoran, Ani A. Mic, **Valentin L. Ordodi**, Felix A. Mic. Arachidonic acid accumulates in the stromal macrophages during thymus involutin in diabetes. *Histochemistry and Cell Biology* Jul;136(1):79-92.
16. Branic, AG; Plesa, CM; Hadaruga, NG; Ardelean, A; Hadaruga, DI; **Ordodi, VL**; Gruia, AT; Lupea, AX. A Comparative Study of Juniperus communis and Juniperus virginiana Extracts The Influence of method, solvent, and provenience. *REVISTA DE CHIMIE*, 2011, Volume 62, Issue 5, Page 508-513
17. Bojin, F; **Ordodi, V**; Anghel, S; Gruia, A; Gavriluc, O; Georgescu, R; Galuscanu, A; Vintila, R; Tatu, CA; Bunu, C; Tatu, C; Tanasie, G; Paunescu, V. Mesenchymal stem cells admix with biological scaffold heal bone defects in rat model. *ROMANIAN BIOTECHNOLOGICAL LETTERS*, 2011, Volume 16, Issue 3, Page 6218-6225
18. Oancea, R; Podariu, AC; Vasile, L; **Ordodi, V**; Oancea, C. Hyperglucidic stress in diet - study of the dentine-pulp complex on experimental model. *JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT*, 2011, Volume 9, Issue 2, Page 152-157, Part 1
19. Gabriela Tanasie, Florina Bojin, **Valentin Ordodi**, Alexandra Gruia, Oana Gavriluc, Mirabela Cristea, Cristina Dehelean, Roxana Vintila, Calin Tatu, Carmen Bunu, Virgil Paunescu. Epithelization of skin lesions in animal

model treated with mesenchymal stem cells and derivatives. *Romanian Biotechnological Letters*, 2011; 16(2): 6072-6080.

20. Vasile-Nicolae Bercean, Sabina Violeta Nitu, Valentin Badea, **Valentin Laurentiu Ordodi**, Carol Csunderlik. Azo Compounds Derived from 1*H*-5-amino-4-ethoxycarbonyl-3-methylpyrazole and Phenols or Phenolic Derivatives and Possibilities of Their Cyclization to Pyrazolo[5,1-*c*]benzo[1,2-*e*][1,2,4]triazines. *Rev chim* 2011, 62(2): 154-157.
21. Vasile-Nicolae Bercean, Sabina Violeta Nitu, Valentin Badea, **Valentin Laurentiu Ordodi**, Carol Csunderlik. Azo Compounds Derived from 1*H*-5-amino-4-ethoxycarbonyl-3-methylpyrazole and Phenols or Phenolic Derivatives and Possibilities of Their Cyclization to Pyrazolo[5,1-*c*]benzo[1,2-*e*][1,2,4]triazines. *Rev chim* 2011, 62(2): 154-157.
22. Ani A Mic, Felix A Mic, Calin A Tatu, **Valentin L Ordodi** and Virgil Paunescu. Indomethacin Inhibits Thymic Involution in Mice with Streptozotocin-induced Diabetes. *Comparative Medicine* 2007, Volume 57, No 5
23. Nicoleta G Hadaruga, Daniel I Hadaruga, Virgil Paunescu, Calin Tatu, **Valentin L Ordodi**, Geza Bandur, Alfa X Lupea. Thermal stability of the linoleic acid/alpha and beta cyclodextrin complexes. *Food Chemistry*, September 2005.

D. TEZELE DE DOCTORAT:

1. **Doctor în medicină** în baza Ordinului Ministrului Educației și Cercetării nr. 632 din 21.03.2007 cu distincția Magna Cum Laude. Titlul tezei: **"Implicații ale ingineriei biomedicale în medicina experimentală"**. Coordonator Prof. Univ. Dr. Virgil Paunescu. Universitatea de Medicină și Farmacie "V. Babeș" Timișoara.
2. **Doctor în inginerie chimică** în baza Ordinului Ministerului Educației, Cercetării, Tineretului și Sportului nr. 4542 din 28.07.2010. Titlul tezei: **"Studii privind elaborarea, proiectarea și realizarea unei instalații experimentale pentru epurarea reziduurilor citostatice rezultate în tratamentele oncologice"**. Coordonator Prof. Univ. Dr. Ing. Delia Perju. Universitatea "Politehnica" Timișoara.

E. BREVETE DE INVENȚIE:

1. Brevet Nr. 123648 / 27 Noiembrie 2015. "Aparat de respirație artificială pentru animale mici de laborator". Autori: **Ordodi**, Păunescu, Ionac, Sândesc, Mic. OSIM România
2. Brevet Nr. 134883 / 30 August 2022. "Dispozitiv pentru reducerea încărcăturii microbiologice a aerului expirat de pacienții ventilați mecanic". Autori: **Ordodi**, Dumitrel, Pană, Todea, Mățiu-Iovan.....Gavriliuc. OSIM România

F. CĂRTI ȘI CAPITOLE ÎN CĂRTI:

1. Roxana Oancea, Angela Codruta Podariu, Claudia Borza, Cristian Oancea, Liliana Vasile, **Valentin Ordodi**. "Studii morfo-clinice si experimentale in patologia orala. Caria dentara". Editura Mirton Timisoara, 2007. ISBN: 978-973-52-0264-4
2. Lavinia Noveanu, Adriana Gherbon, Cristian Oancea, **Ordodi Valentin**. "Suport de lucrari practice de fiziologie – colegiul Balneofiziokinetoterapie". Editura Mirton, Timisoara 2006. ISBN: 973-661-947-8
3. **Valentin Laurențiu Ordodi**, Anamaria Todea. "Metode uzuale de analiză a produselor alimentare. Lucrări practice". Editura Politehnica Timișoara, 2019. ISBN: 978-606-35-0266-8

G. LUCRĂRI PREZENTATE LA MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE ȘI NAȚIONALE:

1. D. D. Bonciog, **V. Laurențiu Ordodi**, M. R. Lascu, L. Mățiu - Iovan and D. C. Ciobanu, "Software Validation For Automatic Heart Decellularization," *2021 16th International Conference on Engineering of Modern Electric Systems (EMES)*, 2021, pp. 1-4, doi: 10.1109/EMES52337.2021.9484106.
2. D. Dumitru Bonciog, M. Ruxandra Lascu, L. Mățiu - Iovan, R. Ionel, C. Alexandru Burian and **V. Laurențiu Ordodi**, "Modified Langendorff experimental device for rat heart decellularization with a vibrating fluid column," *2020 International Symposium on Electronics and Telecommunications (ISETC)*, 2020, pp. 1-4

3. O. Fira Mladinescu, L. Noveanu, **V. Ordodi**, C. Fira Mladinescu, D. Muntean, V. Tudorache, G. Mihalas. *The effects of chronic exposure to cigarette smoke on vasomotor function of pulmonary arteries endothelium in guinea pigs. European Respiratory Journal Abstracts 17th ERS Annual Congres.* Stockholm Sweden, September 15-19, 2007. Vol 30 Supplement 51.
4. **V. Ordodi**, N. Mirica, D. Barglazan, R. Menabo, N. Kaludercic, M. Canton, A. Cristescu, D. Muntean. Antinercrotic and antiarrhythmic effects of MAO-A inhibition in the rat heart subjected to in situ regional ischaemia. *Acta Physiologica*, Vol 191 supplement 658. Abstracts for the Join Meeting of the Slovak Physiological Society, The Physiological Society and The Federation Of European Physiological Societies 11-14 sept 2007 Bratislava Slovakia.
5. MF Bojin, Gabriela Tanasie, Mirabela Cristea, Simona Anghel, Romulus Fabian Tatu, **Valentin Ordodi**, Calin Adrian Tatu, Carmen Bunu, Virgil Paunescu. Human adult mesenchymal stem cells differentiation in vitro through condrogenic lineage. *The Journal of Physiological Sciences, Proceedings of the XXXVI Congress of Physiological Sciences (IUPS2009)*, July 27-August 1, 2009, Kyoto, Japan, Vol. 59, Supplement 1, 2009, pg. 443
6. **Ordodi Valentin**, Dumitrel Alina, Gruia Alexandra, Iacob Mihai, Mic Aurel Felix, Oprisoni Andrada, Gib-Balint Loredana, Gai Elena, Perju Delia. Epurarea apelor reziduale care contin melphalan cu ajutorul unui reactor electrochimic cu densitati de curent asimetrice. *2-nd International Conference on Chemistry and Chemical Engineering.* Timisoara, May 27-29, 2010
7. K. Menyhardt, **V. Ordodi**, C. Sticlaru, M. Dreucean, M. Neagu, A. Neagu. Bioreactor for cultivation of human mesenchymal stem cells. *European Biophysics Journal with Biophysics letters.* 15-th IUPAB ans 5-th EBSA International Biophysics Congress, 2005 Montpellier France.
8. **V. Ordodi**, E. Deak, C. Tatu, M. Neagu, V. Paunescu. Human mesenchymal stem cells for bone and cartilage tissue engineering: isolation and culture. . *European Biophysics Journal with Biophysics letters.* 15-th IUPAB ans 5-th EBSA International Biophysics Congress, 2005 Montpellier France.
9. N.G. Hadaruga, D.I. Hadaruga, G. Bandur, A.X. Lupea, C. Tatu, **V. Ordodi** Bioactive nanoparticles. The complexation of the essential oils from Lamiaceae family plants with β -cyclodextrin. *Proceeding of the 6th International Conference "Young Peoples and the Multidisciplinary Research"* Timisoara 23-24 septembrie 2004
10. N.G. Hadaruga, D.I. Hadaruga, G. Bandur, A.X. Lupea, C. Tatu, **V. Ordodi** Thermal stability of the oleic acid/ α and β -cyclodextrin complex. *Proceeding of the 6th International Conference "Young Peoples and the Multidisciplinary Research"* Timisoara 23-24 septembrie 2004
11. Calin A Tatu, William H Orem, Harry E Lerch, **V. Ordodi**, Diana N. Szilagyi, Erika Suci, Dan Hadaruga, Virgil Paunescu, Florin Margineanu. Balkan endemic nephropathy: an ongoing debate on its etiology. *6th DKMT Meeting on Enviromental medicine and Health* October 14-15 2004 Timisoara Romania
12. Erika Deak, C. Tatu, Diana Herman, Simona Anghel, **V. Ordodi**, Gabriela Tanasie, Hortensia Ionita, V. Paunescu. Studii morfofunctionale privind celula stem mezenchimala. *A-XX-a Conferinta Nationala de Stiinte Fiziologice* 26 – 28 mai 2005, Sibiu, Romania
13. Lavinia Noveanu, **V. Ordodi**, O. Fira-Mladinescu. Model experimental de studiu al efectelor extractului de fum de tigara pe traheea izolata de sobolan. *A-XX-a Conferinta Nationala de Stiinte Fiziologice* 26 – 28 mai 2005, Sibiu, Romania
14. **V. Ordodi**, C. Tatu, Gabriela Tanasie, Erika Deak, V. Paunescu. Izolarea si caracterizarea moleculara a celulelor stem mezenchimale din maduva osoasa hematogena. *A-XX-a Conferinta Nationala de Stiinte Fiziologice* 26 – 28 mai 2005, Sibiu, Romania
15. Ioana Raluca Siska, Erika Deak, Daciana Nistor, Daniela Crisnic, Florina Mirea, Liliana Jenariu, **V. Ordodi**, V. Paunescu. Protocol de crioprezervare al celulelor stem izolate din singele de cordon ombilical. *A-XX-a Conferinta Nationala de Stiinte Fiziologice* 26 – 28 mai 2005, Sibiu, Romania.
16. Monica Neagu, Erika Suci, **Valentin. Ordodi** , Virgil Paunescu. Human Mesenchymal Stem Cells as Basic Tools for Tissue Engineering: Isolation and Culture. *8-th Romanian Biophysics Conference with International Participation*, 26 – 28 mai 2005 , Iasi Romania.
17. Gabriela Tanasie, Erika Deak, Diana Herman, Daciana Nistor, **V. Ordodi**, Simona Anghel, C. Tatu, Ioana Siska, Carmen Bunu, V. Paunescu. Surse de celule stem mezenchimale pentru reconstructia osteoarticulara. *A-XX-a Conferinta Nationala de Stiinte Fiziologice* 26 – 28 mai 2005, Sibiu, Romania
18. Tanasie G, Bojin F, Tatu CA, Gavriliuc O, Tatu C, Nistor D, Ionita H, Bunu C, **Ordodi V**, Paunescu V. In vitro characterization of epithelial-like cells induced from adult bone marrow derived mesenchymal stem cells. *24th*

National Conference of the Romanian Society of the Physiological Sciences, June 2-5, 2010, Oradea Baile Felix, Abstract Book pg. 12, ISSN 1223-2076

19. Gruia A, Bojin F, Cristea M, **Ordodi VL**, Gavriluc O, Gai E, Anghel S, Rosca A, Tatu C, Paunescu V. Immunophenotypic characterization of several tumoral cell lines and cytotoxicity evaluation of certain antitumoral compounds by Alamar Blue assay. *Immunology and Clinical Allergology Joint Meeting*, 28 April-1 May, Sibiu, Abstract book pg. 28, ISBN 978-973-88744-3-5
20. Mirea F, **Ordodi V**, Nistor D, Tatu C, Siska I, Bunu S, Anghel S, Tanasie G. Diferentierea in vitro a celulelor stem mezenchimale spre linia condrocitara sub actiunea factorilor de mediu. *Simpozionul National de Cercetare Stiintifica Medicala de Excelenta*, 25-26 Octombrie 2007, Sibiu, Ed. Universitara Carol Davila Bucuresti
21. Siska IR, Nistor D, Crisnic D, Mirea F, Jenariu L, **Ordodi V**, Paunescu V. Protocol de crioprezervare al celulelor stem izolate din sangele de cordon ombilical, *Vol. De rezumate, a-20-a Conferinta Nationala de Stiinte Fiziologice, Sibiu, mai 2005*, 26-28, pag. 57
22. Danina Muntean, **V. Ordodi**, Nicoleta Mirică, G. Gheorghiu, Oana Duicu, C. Henția, Andreea Răducan, D. Săndesc, Cardioprotecția indusă de anestezicele volatile: rolul pre- și postcon condiționării cu izofluran și sevofluran, *Simpozionul "Implicatii fiziopatologice in bolile cardiovasculare"*, Volum de rezumate, p.128 (2008)
23. Noveanu L, Fira-Mladinescu O, Mirea F, **Ordodi V**, Savoie G, Pantea V, Sturza A, Mihalas G. The passive exposure of guinea pigs to cigarette smoke induces both pulmonary and vascular inflammation. *Abstract book of the 10th DKMT Conference on Cross-border Bioecology and Public Health*, 16-17 May, 2008, Arad, pg. 103
24. Noveanu L, Fira-Mladinescu O, **Ordodi V**, Savoie G, Mirea F, Mihalas G. A chronic exposure of guinea pigs to cigarette smoke induces both thoracic aorta and pulmonary artery endothelial dysfunction. *The 9th DKMT Euroregional Conference on Environmental Health and Protection, Environmental Biodiversity and Health*, May 11-13, 2007, West University „Vasile Goldis” Arad, Romania, Abstract book, pg. 47

H. ALTE LUCRĂRI:

1. **Ordodi LV**, Mic A.F, Mic A.A, Toma O, Săndesc D, Păunescu V. A simple device for invasive measurement of arterial blood pressure and ECG in the anesthetized rat. *Timisoara Medical Journal* 2005; 55(3) ISSN 1583-525
2. Stud Bugari D. , **Ordodi V**, Noveanu L, Fira-Mladinescu O. The effects of cigarette smoke on the reactivitz of the rat's tracheal smooth muscle. *The 9-th International Congress for Medical Students and Young Doctors*, May 19 – 22, 2005, Timisoara Medical Journal 2005; 55 (supl.4);55
3. **Valentin Ordodi**, Felix A. Mic, Ani a. Mic, Marius Papurica, Ovidiu Bedreag, Dorel Sandesc. Model experimental de intubatie oro-traheala si ventilatie mecanica la sobolan. *Jurnalul Roman de Anestezie si Terapie Intensiva*, vol. 14, nr. 1; 2007
4. **Valentin Ordodi**, Felix A. Mic, Ani a. Mic, Marius Papurica, Ovidiu Bedreag, Ciprian Hentia, Dorel Sandesc. Dispozitiv experimental de defibrilare electrica a cordului la sobolan. *Jurnalul Roman de Anestezie si Terapie Intensiva*, vol. 14, nr. 1; 2007
5. Fira-Mladinescu O, Noveanu Lavinia, **Ordodi V**, Raducan Andreea M, Avram Adina, Avram C, Fira-Mladinescu Corneluta, Muntean Danina, Gaita D, Mihalas Georgeta. Model experimental de studiu a disfunctiei endoteliale pulmonare indusa de fumat. 6 th National Conference of Romanian Society of Pathophysiology. Trends in Modern Pathophysiology Bridging People and Science. Timisoara, Oct 4-6, 2007. *Timisoara Medical Journal*, Vol 57, Supplement 3.
6. Fira-Mladinescu O, Noveanu Lavinia, **Ordodi V**, Raducan Andreea M, Avram Adina, Avram C, Fira-Mladinescu Corneluta, Muntean Danina, Gaita D, Mihalas Georgeta. Experimental model for studying smoking induced pulmonary endothelial dysfunction. 6 th National Conference of Romanian Society of Pathophysiology. Trends in Modern Pathophysiology Bridging People and Science. Timisoara, Oct 4-6, 2007. *Timisoara Medical Journal*, Vol 57, Supplement 3.
7. Muntean Danina, **Ordodi Valentin**, Kaludescic Nina, Menabo Roberta, Canton Marcella, Fabio Di Lisa. Cardioprotection by MAO inhibition: some new vistas in ischaemia/reperfusion injury. 6 th National Conference of Romanian Society of Pathophysiology. Trends in Modern Pathophysiology Bridging People and Science. Timisoara, Oct 4-6, 2007. *Timisoara Medical Journal*, Vol 57, Supplement 3
8. **Ordodi V**, Mic A Felix, Mic A Ani, Papurica M, Bedreag O, Sandesc D, Muntean Danina. Experimental devices used in studies of in vivo myocardial ischaemia/reperfusion injury in rat. 6 th National Conference of Romanian

Society of Pathophysiology. Trends in Modern Pathophysiology Bridging People and Science. Timisoara, Oct 4-6, 2007. *Timisoara Medical Journal*, Vol 57, Supplement 3.

9. Tanasie G, Anghel S, Mirea F, Siska IR, **Ordodi V**, Nistor D, Tatu C, Bunu C, Gunthard HB, Poenaru D. In vitro human adult mesenchymal stem cells differentiation toward chondrogenic lineage, *Fiziologia – Physiology*, 2007, 17(56): 11-15
10. Noveanu L, Fira-Mladinescu O, Mirea F, **Ordodi V**, Savoiu G, Pantea V, Sturza A, Mihalas G. The passive exposure of guinea pigs to cigarette smoke can induce a systemic endothelial dysfunction. *Abstract volume of 10th Congres of the Romanian Society of Physiological Sciences*, Cluj-Napoca, June 5-7, 2008, *Fiziologia – Physiology*, 2008, 18(58): 52
11. D. Muntean, **V. Ordodi**, N. Mirica, G. Gheorghiu, D. Barglazan, A. Raducan, C. Hentia, D. Sandesc. Volatile anaesthetics and cardioprotection: focus on isoflurane and sevoflurane. *Experimental & Clinical Cardiology*, 13 nr. 3, p. 149, abstract nr. 20 (2008)
12. G. Gheorghiu, **V. Ordodi**, O. Bedreag, M. Papurica, C. Hentia, C. Macarie, N. Mirica, D. Barglazan, O. Duicu, D. Muntean, D. Sandesc, Postconditionarea cu Sevofluran: rolul inhibitei fenomenului de tranzitie a permeabilitatii mitocondriale, *Jurnalul Roman de Anestezie si Terapie Intensiva*, vol.15, Mai 2008, pg.133-134, ISSN 1582-652X
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Ordodi Laurentiu Valentin