

INFORMATII PERSONALE

Anca HERMENEAN



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EXPERIENȚA PROFESIONALĂ

- 2024-2028 **Membra a Comisiei Naționale de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare (CNATDCU) pentru mandatul 2024-2028, Comisia de Specialitate Biologie, cf. Ordinul nr. 5908/2024**
- Din 2020 **Profesor Asociat**  
 Departamentul de Biochimie și Biologie Moleculară, Facultatea de Biologie, Universitatea din București, [www.unibuc.ro](http://www.unibuc.ro)  
 Program de Masterat: Biochimie Clinica Aplicata; cursuri și lucrări practice: Bazele patologiei celulare și tisulare  
 Tipul sau sectorul de activitate Academic/Cercetare
- Din 2017 **Profesor Asociat**  
 Facultatea de Inginerie în Limbi Străine, Universitatea Politehnica din București, [www.upb.ro](http://www.upb.ro)  
 ▪ Program de Masterat: Biomateriale pentru Inginerie Tisulară; cursuri și lucrări practice: Biologie Celulară și Tisulară, Patologie Tisulară, Modele Experimentale pentru Regenerare Tisulară  
 Tipul sau sectorul de activitate Academic
- Din 2016 **Director al Consiliului Studiilor Universitare de Doctorat din UVVG**  
 Universitatea de Vest Vasile Goldiș din Arad (UVVG), [www.uvvg.ro](http://www.uvvg.ro)  
 ▪ Management, strategii de dezvoltare  
 Tipul sau sectorul de activitate Management
- Din 2010 **Prorector cercetare**  
 Universitatea de Vest Vasile Goldiș din Arad (UVVG), [www.uvvg.ro](http://www.uvvg.ro)  
 ▪ Managementul cercetării în UVVG  
 Tipul sau sectorul de activitate Management
- Din 2020 **Director al Institutului de Științe ale Vieții/Coordonare grup cercetare**  
 Institutul de Științe ale Vieții, Universitatea de Vest Vasile Goldiș din Arad (UVVG), [www.uvvg.ro](http://www.uvvg.ro)  
 ▪ Managementul activităților de cercetare și coordonarea platformei de microscopie și Biobaza animale de laborator  
 Tipul sau sectorul de activitate Cercetare
- Din 2010 **Profesor**  
 Facultatea de Medicină, Universitatea de Vest Vasile Goldiș din Arad (UVVG), [www.uvvg.ro](http://www.uvvg.ro)  
 ▪ Cursuri de Histologie  
 ▪ Cercetare în histologie/biologie celulară  
 Tipul sau sectorul de activitate Academic
- 2005-2010 **Conferențiar**

Facultatea de Medicină, Universitatea de Vest Vasile Goldiș din Arad (UVVG), [www.uvvg.ro](http://www.uvvg.ro)

- Cursuri de Histologie
  - Cercetare în histologie/biologie celulară
- Tipul sau sectorul de activitate Academic

2002-2005 **Șef Lucrări**

Facultatea de Medicină, Universitatea de Vest Vasile Goldiș din Arad (UVVG), [www.uvvg.ro](http://www.uvvg.ro)

- Cursuri de Histologie
  - Cercetare în histologie/biologie celulară
- Tipul sau sectorul de activitate Academic

1995-2002 **Asistent**

Facultatea de Medicină, Universitatea de Vest Vasile Goldiș din Arad (UVVG), [www.uvvg.ro](http://www.uvvg.ro)

- Cursuri de Histologie
  - Cercetare în histologie/biologie celulară
- Tipul sau sectorul de activitate Academic

**EDUCATIE SI FORMARE  
COMPETENTE PERSONALE**

2015 **Abilitare în domeniul Biologie**

Decizia Ministerului Educației nr.4922/18.08.2015

- Postdoctoral teaching and research qualification in PhD supervising in biology field

1997-2003 **Doctorat în Biologie**

Facultatea de Biologie, Universitatea Babes-Bolyai Cluj-Napoca, Romania, [www.ubb.ro](http://www.ubb.ro)

- Microscopie Electronică, bazele histopatologiei si imunohistochemiei

1989-1994 **Licență în Biologie**

Facultatea de Biologie, Universitatea Babes-Bolyai Cluj-Napoca, Romania, [www.ubb.ro](http://www.ubb.ro)

Limba maternă Romană

Alte limbi străine cunoscute

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

**Competențe de comunicare**

Bune competențe de comunicare dobândite în experiența de manager, profesor, cercetător și diseminare la conferințe științifice

**Competențe organizaționale/manageriale**

Activitățile profesionale care vizează competențe organizaționale/manageriale sunt următoarele:

- Pro-Rector cu cercetarea în UVVG (începând cu 2010), mai mult de 600 de angajați;
- Director Științific al Institutului de Științe ale Vieții din UVVG (începând cu 2010), mai mult de 80 cercetători, studenți doctoranzi și postdoctoranzi;
- Director al CSUD al UVVG (începând cu 2016), mai mult de 100 PhD conducători de doctorat și doctoranzi în domeniul biologie și medicină
- Manager proiect: 3 proiecte de cercetare finanțate din fonduri europene, 7 proiecte de cercetare finanțate din fonduri naționale (UEFISCDI și Academia Română), 1 proiect finanțat de EU
- Înființarea/Dezvoltarea/Managementul unor noi infrastructuri de cercetare: Biobaza Animale de Laborator a UVVG ([http://eris.gov.ro/animal\\_facility-ILS-UVVG](http://eris.gov.ro/animal_facility-ILS-UVVG)); Lab. Histopatologie, Platforma de Microscopie Optică, Microscopie Fluorescentă, Microscopie Confocală (<http://eris.gov.ro/Histology-ILS-UVVG>)

**Competențe dobândite la locul de muncă**

Arii de expertiză – histologie, histopatologie, imunohistochimie, microscopie electronica în următoarele domenii științifice:

- **Fitomedicină și Drug delivery**  
Modularea căilor de transducție a semnalizării prin compuși fitochimici  
Modularea răspunsului anti-inflamator și anti-fibrotic prin compuși fitoterapeutici  
Mecanisme moleculare terapeutice ale compuși fitochimici în bolile hepatice, gastrointestinale și renale
- **Nanobiotehnologii**  
Caracterizarea bio-interfețelor, studii de biocompatibilitate *in vivo*  
Caracterizarea interacțiunilor între nanomateriale/nanocompuși și sisteme biologice (proteine, enzime, membrane celulare, organite)  
Metodologii *in vivo* pentru analize toxicologice ale nanomateriale/nanocompuși
- **Medicină Regenerativă**  
Studii de biocompatibilitate *in vivo* ale materialelor proiectate pentru regenerarea osoasă, cartilajinoasă și a regiunii maxilofaciale  
Repararea tisulară și căile moleculare de regenerare ale țesuturilor osoase și cartilajinoase  
Semnale moleculare, factori de creștere, recunoaștere moleculară în regenerarea osoasă, cartilajinoasă

**Competențe digitale**

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator experimentat	UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT

▪ Word, Excell, Adobe Photoshop, Excell, Software microscopie

**INFORMATII SUPLIMENTARE**

Permis de conducere

Permis conducere B

**Publicatii**

**116 articole ISI; H-index = 30 (Scopus) și 34 (Google scholar)**  
(ex. Scientific Reports, Chemico-Biological Interaction, Toxicology *in vitro*, Drug and Chemical Toxicology, Dose-Response, Composites: Part B, International Journal of Molecular Sciences, American Journal of Physiology, Current Pharmaceutical Design, Frontiers in Pharmacology, Frontiers in Physiology, PloS One, Journal of Cellular and Molecular Medicine, British Journal of Pharmacology, Antioxidants, Biomolecules, Journal of Clinical Medicine, Journal of Physiology, Cells,

Materials, Animals, Pharmaceuticals)

58 articole indexate în alte baze de date, 7 cărți, monografii și 3 capitole

- Brevete** Patent international- "*Pharmaceutical composition useful for preventing and treating liver disease, comprises oil isolated from Silybum marianum seed*", Patent numărul: WO2013124700-A2; HU201300110-A1, Institutii participante: Univ. Debrecen, Ungaria și Universitatea de Vest Vasile Goldiș din Arad  
Patent național – aplicația nr. A/01052, 05.12.2018 depusă la OSIM "System drug delivery chrysin-random methyl-beta cyclodextrin (RAMEB) with anti-fibrosis potential to heal hepatic fibrosis lesions" – inventator principal  
Patent național – aplicația nr. A/00327, 14.06.2022 depusă la OSIM "Nanosistem supramolecular "drug delivery" de livrare a flavonoidelor pe bază de derivate de calix[4]arene (OTX008) și sulfobutylether-β-cyclodextrin (SBECD) și procedeu de obținere" – inventator principal  
Patent național - aplicația nr. A/00328, 14.06.2022 depusă la OSIM "Compoziție fitoterapeutică pe bază de extract gemoterapic de *Corylus avellana* îmbogățit cu nanocomplexe de crisină/ciclodextrine destinate fibrozei hepatice în diabetul zaharat și metoda de obținere a acestora" – inventator principal
- Proiecte** 5 proiecte de cercetare finanțate din fonduri europene (manager), 7 proiecte de cercetare finanțate din fonduri naționale (UEFISCDI și Academia Română (manager), 1 proiect finanțat din fonduri structurale (manager) 2 proiecte de cercetare finanțate din fonduri europene (cercetător), 2 proiecte finanțate din fonduri structurale (cercetător)
- Management Scientific Committees** Membra în Comitetul de Management pentru România al acțiunii COST TD0901 "Hypoxia sensing, signaling and adaptation" finanțată din fonduri europene, EU RTD Framework Programme, 2009-2013 (începere: 16.11.2009; finalizare: 15.11.2013) <http://hypoxianet.com>
- Afilieri** Societatea Națională de Biologie Celulară (începând cu 1997)  
Societatea Națională de Morfologie Normală și Patologică (începând cu 2004)  
Asociația pentru Sănătatea și Protecția Mediului pentru Euroregiunea DKMT (începând cu 2007)
- Editorial board** International Journal of Molecular Sciences (MDPI), Section board for "Molecular Pathology, Diagnostics and Therapeutics", IF=5,92 (<https://www.mdpi.com/journal/ijms>)  
Experimental and Therapeutic Medicine (Spandidos Publications), Online ISSN: 1792-1015, IF=2,75  
Medicine International (Spandidos Publications), Online ISSN: 2754-1304  
Histology and Histopathology Research, Pulsus Publishing House ( <https://www.pulsus.com/histology-histopathology-research.html>)  
Studia Universitatis Vasile Goldis, Life Science Series ( <http://www.studiauniversitatis.ro/>)  
Timisoara Medical Journal (<https://www.tmj.ro/>)
- Guest editor** Special Issue "Biocompatibility of Nanomaterials in Medical Applications", Nanomaterials, IF=5,71 ([https://www.mdpi.com/journal/nanomaterials/special\\_issues/biocom\\_nano\\_med](https://www.mdpi.com/journal/nanomaterials/special_issues/biocom_nano_med))  
Special Issue "Liver Fibrosis Resolution: From Molecular Mechanisms to Therapeutic Opportunities", International Journal of Molecular Sciences, IF=6,208 ([https://www.mdpi.com/journal/ijms/special\\_issues/Liver\\_Fibrosis\\_Resolution](https://www.mdpi.com/journal/ijms/special_issues/Liver_Fibrosis_Resolution))  
Special Issue "Bio-Organic Materials for Tissue Engineering and Regenerative Medicine", Pharmaceutics, IF=6,52 ([https://www.mdpi.com/journal/pharmaceutics/special\\_issues/Bioorganic\\_Materials](https://www.mdpi.com/journal/pharmaceutics/special_issues/Bioorganic_Materials))  
Special Issue "New Strategies and Therapeutic Targets Involved in Liver Fibrosis Management", Biomedicines, IF=4,75 ([https://www.mdpi.com/journal/biomedicines/special\\_issues/45VHS95041](https://www.mdpi.com/journal/biomedicines/special_issues/45VHS95041))  
Topic Editor: Diabetes and cardiovascular disease: new therapeutic interventions, Frontiers in Pharmacology, IF=5,6

<https://www.frontiersin.org/research-topics/58668/diabetes-and-cardiovascular-disease-new-therapeutic-interventions>

Peer-reviewer Histology and Histopathology, Experimental and Therapeutic Medicine, Drug-Response, Drug and Chemical Toxicology, Toxicology and Applied Pharmacology, Toxin Review, In J Biol Macromol, IJMS, Frontiers in Pharmacology

Membra in Comisia de evaluare a tezelor de doctorat/abilitare

2015 - Universitatea din București, Școala Doctorală de Biologie (2 teze doctorat)  
 2016 - Universitatea din București, Școala Doctorală de Biologie (2 teze doctorat)  
 2017 – Universitatea Campania Luigi Vanvitelli, Napoli, Itali, Școala Doctorală pentru Medicină Translațională (1 teză de doctorat)  
 2018 – Universitatea din București, Școala Doctorală de Biologie ((1 teză de doctorat)  
 2018 – Universitatea de Medicină și Farmacie Victor Babes Timisoara (2 teze doctorat)  
 2018 – Universitatea Campania Luigi Vanvitelli, Napoli, Itali, Școala Doctorală pentru Medicină Translațională (1 teză de doctorat)  
 2020 – UMF Farmacie Victor Babes Timisoara, Școala Doctorală de Medicină (1 teza doctorat)  
 2020 – membra într-o comisie de abilitare (UVVG)  
 2021 – membra într-o comisie de abilitare (UMF Carol Davila Bucuresti)  
 2022 – Universitatea Campania Luigi Vanvitelli, Napoli, Itali, Școala Doctorală pentru Medicină Translațională (1 teză de doctorat)  
 2022 - UMF Carol Davila Bucuresti (1 teza doctorat)  
 2023 - UMF Carol Davila Bucuresti (1 teza doctorat), Universitatea de Medicină și Farmacie Victor Babes Timisoara (1 teza doctorat)  
 2024 - Universitatea din București, Școala Doctorală de Biologie (1 teza doctorat)

Visiting professor/  
researcher

2021-2022 “Luigi Vanvitelli” University of Campania, Department of Experimental Medicine, Via S. Maria di Costantinopoli, 16 – 80138, Naples  
 2022-2023 “Luigi Vanvitelli” University of Campania, Department of Experimental Medicine, Via S. Maria di Costantinopoli, 16 – 80138, Naples  
 2023-2024 “Luigi Vanvitelli” University of Campania, Department of Experimental Medicine, Via S. Maria di Costantinopoli, 16 – 80138, Naples

Evaluare proiecte de cercetare

Evaluare proiecte cercetare Bulgaria în cadrul competițiilor finanțate prin Ministrul Educației și Cercetării din Bulgaria (2008 – 19 proiecte; 2009 – 30 proiecte);  
 Proiecte de cercetare cu finanțare europeană în cadrul Programului de Cooperare Transfrontalieră Romania-Ungaria 2007-2013 (HURO/0801 Call -15 projects; HURO/0901 Call -11 proiecte)  
 Proiecte de cercetare UEFISCDI (IDEI 2007, TE 2010, PD 2010, RP 2010; TE 2019).  
 FLAG-ERA Joint Transnational Call 2019: FLAG-ERA - Graphene - Basic Research 2 2019

Certificări

Manager Proiect (Certificat nr. 0107518/2008 eliberat de Ministerul Muncii și Ministerul Educației)  
 Expert pentru Audit Extern Mediu ISO 14001 (Certificat nr. 0187898/2007 eliberat de Ministerul Muncii și Ministerul Educației) și (Certificat Seria C no 1629/26.02.2019)  
 Expert pentru Audit Extern de Calitate ISO 9001 (Certificat nr. 0187898/2007 eliberat de MEN)  
 Expert in Managementul Cercetării (Certificat de către UEFISCDI prin intermediul proiectului strategic: Intărirea Managementului Universitar - 2011)

Anexe





# CURRICULUM VITAE EUROPASS

## ANNEXES

### Prof. univ. dr. Anca Hermenean      Publications list

#### 2008

1. Hadaruga D.I., Hadaruga N., **Hermenean A.**, Ravis A., Paslaru V., Codina G. 2008. Bionanomaterials: Thermal Stability of the Oleic Acid /  $\alpha$ - and  $\beta$ -cyclodextrin Complexes, *Revista de Chimie (București)*, 59 (9): 994 – 998, 2008, IF=0.389

**Q4** CHEMISTRY, MULTIDISCIPLINARY; *Rank in Category: 109 of 140*

**Q3** ENGINEERING, CHEMICAL; *Rank in Category: 86 of 128*

*Impact factor: 0.552(2009)*

#### 2010

2.Radu M., Munteanu M.C., Petrache S., Serban A.I., Dinu D., **Hermenean A.**, Costache M., Dinischiotu A. 2010. Depletion of intracellular glutathione and increase of lipid peroxidation mediate cytotoxicity of hematite nanoparticles in MRC-5 cells, *Acta Biochimica Polonica*, 57 (3): 355-260

**Q4** BIOCHEMISTRY & MOLECULAR BIOLOGY; *Rank in Category: 228 of 283*

*Impact factor: 1.262 (2009)*

**Q3 AIS**

3.Munteanu M.C., Radu M., **Hermenean A.**, Sima C., Dinu D., Costache M., Grigoriu G., Dinischiotu A. 2010. Antioxidative response induced by SiO<sub>2</sub> nanoparticles in MRC5 cell line, *Romanian Biotechnological Letters*, 15 (1): 5000-5007, IF=0.219

**Q4** BIOTECHNOLOGY & APPLIED MICROBIOLOGY; *Rank in Category: 149 of 152*

*Impact factor: 0.152 (2009)*

4.Kevorkian S., Gorgescu S., Manea M.A., Zaulet M., **Hermenean A.**, Costache M. 2010. Genetic diversity using microsatellite markers in four Romanian autochthonous sheep breeds, *Romanian Biotechnological Letters*, 15(1): 5059-5065 , IF=0.219

**Q4** BIOTECHNOLOGY & APPLIED MICROBIOLOGY; *Rank in Category: 149 of 152*  
*Impact factor: 0.152 (2009)*

5.Xuan T.P., Georgescu S.E., Manea M.A., **Hermenean A.** 2010. Costache M., Genetic diversity and phylogenetic relationships of Romanian cattle breeds inferred from cytochrome b gene partial sequences, *Romanian Biotechnological Letters*, 15 (2): 5154-5158, IF=0.219

**Q4** BIOTECHNOLOGY & APPLIED MICROBIOLOGY; *Rank in Category: 149 of 152*  
*Impact factor: 0.152 (2009)*

6.Xuan T.P, Georgescu S.E., Manea M.A., **Hermenean A.**, Dinischiotu A., Costache M. 2010. Phylogenetic relationships of Romanian cattle to other cattle populations determined using mitochondrial DNA D-Loop sequence variation, *Romanian Biotechnological Letters*, Vol.15, nr.3, 5288-5293,2010

**Q4** BIOTECHNOLOGY & APPLIED MICROBIOLOGY; *Rank in Category: 149 of 152*  
*Impact factor: 0.152 (2009)*

## 2011

7.Dinu D., Bodea G.O., Ceapa C.D., Munteanu M.C., Israel Roming F., **Hermenean A.**, Costache M., Zărnescu O., Dinischiotu A. 2011. Adapted response of the antioxidant defense system to oxidative stress induced by deoxynivalenol in Hek-293 cells, *Toxicon*, 57 (7): 1023-1024, IF=2.508

**Q2** PHARMACOLOGY & PHARMACY; *Rank in Category: 109 of 261*

**Q2** TOXICOLOGY; *Rank in Category: 35 of 83*

*Impact factor: 2.451 (2010)*

Q3 AIS

## 2012

8.**Hermenean A.**, Popescu C., Ardelean A., Stan M., Hadaruga N., Mihali C.V., Costache M., Dinischiotu A. 2012. Hepatoprotective Effect of Berberis vulgaris L.extract/beta-cyclodextrin on carbon tetrachloride – induced acute toxicity in mice, *International Journal of Molecular Sciences*, 13, 9014-9034

**Q2** CHEMISTRY, MULTIDISCIPLINARY; *Rank in Category: 45 of 154*

*Impact factor: 2.598 (2011)*

Q2 AIS

## 2013

9.**Hermenean A.**, Ardelean A., Stan M., Herman H., Mihali C.V., Costache M., Dinischiotu A. 2013. Protective effects of naringenin on carbon tetrachloride-induced acute nephrotoxicity in mouse kidney, *Chemico-Biological Interactions*, 205 (2): 138-147

**Q2** BIOCHEMISTRY & MOLECULAR BIOLOGY; *Rank in Category: 130 of 290*

**Q2** PHARMACOLOGY & PHARMACY; *Rank in Category: 75 of 261*

**Q2** TOXICOLOGY; *Rank in Category: 28 of 85*

*Impact factor: 2.967 (2012)*

Q2 AIS

10.Dinescu S., Galateanu B., Albu M., Lungu A., Radu E., **Hermenean A.**, Costache M. 2013. Biocompatibility Assessment of Novel Collagen-Sericin Scaffolds Improved with Hyaluronic Acid and



Chondroitin Sulfate for Cartilage Regeneration, *Journal of Biomedicine and Biotechnology (BioMed Research International)*, ID 598056, 11 pages

Q3 BIOTECHNOLOGY & APPLIED MICROBIOLOGY; Rank in Category: 85 of 123

Q3 MEDICINE, RESEARCH & EXPERIMENTAL; Rank in Category: 107 of 163

Impact factor: 1.579 (2012)

11. Ciobanu C.S., Iconaru S.L., Pasuk I., Vasile B.S., Lupu A.R., **Hermenean A.**, Dinischiotu A., Predoi D. 2013. Structural properties of silver doped hydroxyapatite and their biocompatibility, *Materials Science and Engineering: C-Materials for Biological Applications*, 33 (3):1395-1402, IF=2.736

Q2 MATERIALS SCIENCE, BIOMATERIALS; Rank in Category: 11 of 27

Impact factor: 2.404 (2012)

Q3 AIS

## 2014

12. **Hermenean A.**, Ardelean A., Stan M., Hadaruga N., Mihali C.V., Costache M., Dinischiotu A. 2014. Antioxidant and Hepatoprotective Effects of Naringenin and Its b-Cyclodextrin Formulation in Mice Intoxicated with Carbon Tetrachloride: A Comparative Study, *Journal of Medicinal Food*, 17(6):670-677, IF= 1.699

Q3 CHEMISTRY, MEDICINAL; Rank in Category: 40 of 58

Q2 FOOD SCIENCE & TECHNOLOGY; Rank in Category: 48 of 123

Q3 NUTRITION & DIETETICS; Rank in Category: 54 of 79

Impact factor: 1.699 (2013)

Q2 AIS

13. Dinescu S., Ionita M., Pandele A.M., Galateanu B., Iovu H., Ardelean A., Costache M., **Hermenean A.** 2014. In vitro cytocompatibility evaluation of chitosan/graphene oxide 3D scaffold composites designed for bone tissue engineering, *Bio-Medical Materials and Engineering*, 24: 2249–2256, IF=1.091

Q4 ENGINEERING, BIOMEDICAL; Rank in Category: 62 of 76

Q4 MATERIALS SCIENCE, BIOMATERIALS; Rank in Category: 26 of 32

Impact factor: 0.847 (2013)

Q3 AIS

14. Stan M.S., Memet I., Sima C., Popescu T., Teodorescu V.S., **Hermenean A.**, Dinischiotu A. 2014. Si/SiO<sub>2</sub> quantum dots cause cytotoxicity in lung cells through redox homeostasis imbalance. *Chemico-Biological Interactions*, 220: 102–115

Q2 BIOCHEMISTRY & MOLECULAR BIOLOGY; Rank in Category: 133 of 291

Q2 PHARMACOLOGY & PHARMACY; Rank in Category: 79 of 256

Q2 TOXICOLOGY; Rank in Category: 28 of 87

Impact factor: 2.982 (2013)

Q2 AIS

15. Haskó J., Fazakas C., Molnár J., Nyúl-Tóth A., Herman H., **Hermenean A.**, Wilhelm I., Persidsky Y., Krizbai I. 2014. CB2 Receptor Activation Inhibits Melanoma Cell Transmigration through the Blood-Brain Barrier, *International Journal of Molecular Sciences*, 15: 8063-8074, IF= 2.862

Q2 CHEMISTRY, MULTIDISCIPLINARY; Rank in Category: 52 of 148

Impact factor: 2.339 (2013)

Q2 AIS



## 2015

16. Ionita M., Vasile E., Crica L.E., Voicu S.I., Pandele A.M., Dinescu S., Predoiu L., Galateanu B., **Hermenean A.**, Costache M. 2015. Synthesis, characterization and in vitro studies of polysulfone /graphene oxide composite membranes, *Composites: Part B*, vol. 72, 108-115, 2015, IF= 3.850

**Q1** ENGINEERING, MULTIDISCIPLINARY; *Rank in Category: 5 of 85*

**Q1** MATERIALS SCIENCE, COMPOSITES; *Rank in Category: 5 of 124*

*Impact factor: 2.983 (2014)*

Q1 AIS

17. Radu (Balas) M., Din (Popescu) IM, **Hermenean A\***, Cinteza OL, Burlacu R, Ardelean A, Dinischiotu A. 2015. Exposure to Iron Oxide Nanoparticles Coated with Phospholipid-Based Polymeric Micelles Induces Biochemical and Histopathological Pulmonary Changes in Mice, *International Journal of Molecular Sciences*, 16, 29417–29435; doi:10.3390/ijms161226173 (\*corresponding author)

**Q2** BIOCHEMISTRY & MOLECULAR BIOLOGY; *Rank in Category: 134 of 290*

**Q2** CHEMISTRY, MULTIDISCIPLINARY; *Rank in Category: 46 of 157*

*Impact factor: 2.862 (2014)*

Q2 AIS

18. Balta C, Herman H, Boldura O.M., Gasca I., Rosu M, Ardelean A, **Hermenean A.** 2015. Chrysin attenuates liver fibrosis and hepatic stellate cell activation through TGF- $\beta$ /Smad signaling pathway, *Chemico-Biological Interactions* 240 (2015) 94-101

**Q3** BIOCHEMISTRY & MOLECULAR BIOLOGY; *Rank in Category: 155 of 290*

**Q2** PHARMACOLOGY & PHARMACY; *Rank in Category: 110 of 255*

**Q2** TOXICOLOGY; *Rank in Category: 40 of 88*

*Impact factor: 2.577 (2014)*

Q2 AIS

19. Anghel N., Cotoraci C., Ivan A., Suci M., Herman H., Balta C., Nicolescu L., Olariu T., Galajda Z., Ardelean A., **Hermenean A.** 2015. Chrysin attenuates cardiomyocyte apoptosis and loss of intermediate filaments in a mouse model of mitoxantrone cardiotoxicity, *Histology and Histopathology*, 30 (12), 1465-1476

**Q3** CELL BIOLOGY; *Rank in Category: 138 of 184*

**Q2** PATHOLOGY; *Rank in Category: 34 of 76*

*Impact factor: 2.096 (2014)*

Q2 AIS

20. **Hermenean A.**, Damache G., Albu P., Ardelean A., Ardelean G., Ardelean D.P., Horge M., Nagy N., Braun M., Zsuga M., Kéki S, Costache M., Dinischiotu A. 2015. Histopathological alterations and oxidative stress in liver and kidney of *Leuciscus cephalus* following exposure to heavy metals in the Tur River, North Western Romania, *Ecotoxicology and Environmental Safety*, 119: 198–205

**Q2** ENVIRONMENTAL SCIENCES; *Rank in Category: 56 of 223*

**Q2** TOXICOLOGY; *Rank in Category: 34 of 88*

*Impact factor: 2.762 (2014)*

Q2 AIS

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**Q4** BIOLOGY; Rank in Category: 86 of 86

Impact factor: **0.448 (2014)**

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**Q3** CHEMISTRY, MULTIDISCIPLINARY; Rank in Category: 89 of 157

**Q4** PHARMACOLOGY & PHARMACY; Rank in Category: 198 of 255

**Q4** TOXICOLOGY; Rank in Category: 73 of 88

Impact factor: **1.233 (2014)**

Q3 AIS

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**Q2** BIOCHEMISTRY & MOLECULAR BIOLOGY; Rank in Category: 134 of 290

**Q2** CHEMISTRY, MULTIDISCIPLINARY; Rank in Category: 46 of 157

Impact factor: **2.862 (2014)**

Q2 AIS

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**Q2** TOXICOLOGY; Rank in Category: 29 of 88

Impact factor: **2.903 (2014)**

Q2 AIS

25. Fehér P, Ujhelyi, Vecsernyés M, Fenyvesi F, Damache G, Ardelean A, Costache M, Dinischiotu A., **Hermenean A.**, Bácskay I. 2015. Hepatoprotective effects of a self-micro emulsifying drug delivery system containing *Silybum marianum* native seed oil against experimentally induced liver injury, *Pharmazie* 70: 1–8

**Q4** CHEMISTRY, MEDICINAL; Rank in Category: 49 of 59

**Q3** CHEMISTRY, MULTIDISCIPLINARY; Rank in Category: 107 of 157

**Q4** PHARMACOLOGY & PHARMACY; Rank in Category: 215 of 255

Impact factor: **1.052 (2014)**

Q3 AIS

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**Q3** MATERIALS SCIENCE, MULTIDISCIPLINARY; Rank in Category: 188 of 260

**Q4** NANOSCIENCE & NANOTECHNOLOGY; Rank in Category: 68 of 80

Impact factor: **0.945 (2014)**

Q3 AIS

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*Impact factor: 2.813 (2014)*

Q1 AIS

28. Dinescu S., Galateanu B., Radu E., **Hermenean A.**, Lungu A., Stancu I.C., Jianu D., Tumber T., Costache M. 2015. A 3D porous gelatin-alginate-based-IPNs acts as an efficient promoter of chondrogenesis from human adipose-derived stem cells, *Stem Cells International*, article ID 252909, 17 pages

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Q3 AIS

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**Q4** BIOTECHNOLOGY & APPLIED MICROBIOLOGY; *Rank in Category: 153 of 161*

*Impact factor: 0.381 (2015)*

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**Q4** ENDOCRINOLOGY & METABOLISM; *Rank in Category: 131 of 133*

*Impact factor: 0.235 (2015)*

31. **Hermenean A.**, Smeu C., Gharbia S., Krizbai IA, Ardelean A. 2016. Plant-Derived Biomolecules and Drug Delivery Systems in the Treatment of Liver and Kidney Diseases. *Current Pharmaceutical Design*, 22(35): 5415-5441

**Q2** PHARMACOLOGY & PHARMACY; *Rank in Category: 74 of 225*

*Impact factor: 3.052 (2015)*

Q2 AIS

32. Folk A., Cotoraci C., Balta C., Suciuc M., Herman H., Boldura OM, Dinescu S., Paiusan L, Ardelean A, **Hermenean A.** 2016. Evaluation of Hepatotoxicity with Treatment Doses of Flucytosine and Amphotericin B for Invasive Fungal Infections, *BioMed Research International*, Article ID 5398730, IF=2.476

**Q3** BIOTECHNOLOGY & APPLIED MICROBIOLOGY; *Rank in Category: 82 of 161*

**Q3** MEDICINE, RESEARCH & EXPERIMENTAL; *Rank in Category: 73 of 134*

*Impact factor: 2.134 (2015)*

Q2 AIS

33. Herman H., Onita B., Ardelean G., Ardelean DP, Craciun C., Ardelean A, **Hermenean A.** 2016. Ultrastructural alterations, DNA damage and activation of repair mechanism in liver and kidney of *Leuciscus Cephalus* (L.) exposed to environmental, *Fresenius Environmental Bulletin*, 5(6): 1920-1926

**Q4** ENVIRONMENTAL SCIENCES; *Rank in Category: 218 of 224*

*Impact factor: 0.372 (2015)*

34. Balas M, Sabrina Constanda S, Duma-Voiculescu A, Prodana M, **Hermenean A**, Pop S, Demetrescu I, Dinischiotu A. 2016. Fabrication and toxicity characterization of hybrid material based on oxidized and aminated MWCNT loaded with carboplatin, *Toxicology in Vitro*, 37: 189-200

**Q1 TOXICOLOGY**; Rank in Category: 19 of 90

Impact factor: 3.338 (2015)

Q2 AIS

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**Q4 CARDIAC & CARDIOVASCULAR SYSTEMS**; Rank in Category: 39 of 124

**Q2 PERIPHERAL VASCULAR DISEASE**; Rank in Category: 17 of 63

**Q2 PHYSIOLOGY**; Rank in Category: 21 of 83

Impact factor: 3.324 (2015)

Q1 AIS

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**Q1 POLYMER SCIENCE**; Rank in Category: 12 of 86

**Q1 BIOCHEMISTRY & MOLECULAR BIOLOGY**; Rank in Category: 92 of 290

**Q1 CHEMISTRY, APPLIED**; Rank in Category: 9 of 72

Impact factor: 3.671 (2016)

Q1 AIS

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**Q1 MULTIDISCIPLINARY SCIENCES**; Rank in Category: 10 of 64

Impact factor: 4.259 (2016)

Q1 AIS

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**Q4 BIOTECHNOLOGY & APPLIED MICROBIOLOGY**; Rank in Category: 152 of 160

Impact factor: 0.396 (2016)

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**Q2 ENVIRONMENTAL SCIENCES**; Rank in Category: 87 of 229

**Q2 TOXICOLOGY**; Rank in Category: 41 of 92

Impact factor: 2.467 (2016)

**Q3 AIS**

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**Q3** PHARMACOLOGY & PHARMACY; Rank in Category: 158 of 257

**Q2** RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING; Rank in Category: 56 of 127

Impact factor: **2.088 (2016)**

Q3 AIS

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**Q4** MEDICINE, RESEARCH & EXPERIMENTAL; Rank in Category: 100 of 128

Impact factor: **1.261 (2016)**

Q3 AIS

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**Q4** MEDICINE, RESEARCH & EXPERIMENTAL; Rank in Category: 100 of 128

Impact factor: **1.261 (2016)**

Q3 AIS

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**Q4** MEDICINE, RESEARCH & EXPERIMENTAL; Rank in Category: 100 of 128

Impact factor: **1.261 (2016)**

Q3 AIS

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**Q1** PHYSIOLOGY; Rank in Category: 20 of 83

Impact factor: **3.394 (2017)**

Q2 AIS

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**Q2** FISHERIES; Rank in Category: 19 of 51

**Q2** MARINE & FRESHWATER BIOLOGY; Rank in Category: 48 of 106

Impact factor: **1.702 (2017)**

Q2 AIS



46.Sami Gharbia, Cornel Balta, Hildegard Herman, Marcel Rosu, Judit Varadi, Ildiko Bacskay, Miklos Vecsernyes, Ferenc Fenyvesi, Sorina Nicoleta Voicu, Miruna Stan, Roxana Elena Cristian, Anca Dinischiotu, **Anca Hermenean**. 2018. Enhancement of silymarin anti-fibrotic effects by complexation with hydroxypropyl (HPBCD) and randomly methylated (RAMEB)  $\beta$ -cyclodextrins in a mouse model of liver fibrosis, *Frontiers in Pharmacology*, section Ethnopharmacology, Volume: 9 Article, Number: 883, doi:10.3389/fphar.2018.00883

**Q1** PHARMACOLOGY & PHARMACY; Rank in Category: 48 of 261

Impact factor: 3.831 (2017)

Q1 AIS

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**Q3** PHARMACOLOGY & PHARMACY; Rank in Category: 133 of 261

**Q2** RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING; Rank in Category: 49 of 129

Impact factor: 2.435 (2017)

Q2 AIS

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**Q4** CELL BIOLOGY; Rank in Category: 152 of 190

**Q3** PATHOLOGY; Rank in Category: 40 of 79

Impact factor: 2.015 (2017)

Q3 AIS

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49.Voicu SN, **Hermenean A**, Olah NK, Badulescu L, Stan MS, Dinischiotu A.2019. Designing new mother tinctures for increased antioxidant efficiency on inflammatory intestinal diseases, *Farmacia*, 67(2): 290-295.

**Q4** PHARMACOLOGY & PHARMACY; Rank in Category: 217 of 267

Impact factor: 1.527 (2018)

50.Hildegard Herman, Csilla Fazakas, János Haskó, Kinga Molnár, Ádám Mészáros, Ádám Nyúl-Tóth, Gábor Szabó, Ferenc Erdélyi, Aurel Ardelean, **Anca Hermenean\***, István A. Krizbai, Imola Wilhelm. 2019. Paracellular and Transcellular migration of metastatic cells through the cerebral endothelium, *Journal of Cellular and Molecular Medicine*, Volume: 23 Issue: 4 Pages: 2619-2631 (\*corresponding author)

**Q2** CELL BIOLOGY; Rank in Category: 60 of 193

**Q1** MEDICINE, RESEARCH & EXPERIMENTAL; Rank in Category: 31 of 136

Impact factor: 4.658 (2018)

Q2 AIS

51.Chiara Bianca Maria Platania, Rosa Maisto, Maria Consiglia Trotta, Michele D'Amico, Settimio Rossi, Carlo Gesualdo, Giovanbattista D'Amico, Cornel Balta, Hildegard Herman, **Anca Hermenean**, Franca Ferraraccio, Iacopo Panarese, Filippo Drago and Claudio Bucolo. 2019. Retinal and circulating miRNA expression patterns in diabetic retinopathy: an *in silico* and *in vivo* approach, *British Journal of Pharmacology*, 176:2179–2194.

**Q1** PHARMACOLOGY & PHARMACY; Rank in Category: 14 of 267

Impact factor: 6.583 (2018)

Q1 AIS

52. Sorina Nicoleta Voicu, Mihaela Balas, Miruna Silvia Stan, Bogdan Trica, Andreea Iren Serban, Loredana Stanca, **Anca Hermenean**, Anca Dinischiotu. 2019. Amorphous Silica Nanoparticles Obtained by Laser Ablation Induce Inflammatory Response in Human Lung Fibroblasts, *Materials*, 12(7), doi: 10.3390/ma12071026.

Q2 MATERIALS SCIENCE, MULTIDISCIPLINARY; Rank in Category: 102 of 293

Impact factor: 2.972 (2018)

Q2 AIS

53. Badea MA, Balas M, **Hermenean A**, Ciceu A, Herman H, Ionita D, Dinischiotu A. 2019. Influence of Matrigel on Single- and Multiple-Spheroid Cultures in Breast Cancer Research, *SLAS Discovery*, 24(5):563-578

Q3 BIOCHEMICAL RESEARCH METHODS; Rank in Category: 45 of 79

Q3 BIOTECHNOLOGY & APPLIED MICROBIOLOGY; Rank in Category: 95 of 162

Q3 CHEMISTRY, ANALYTICAL; Rank in Category: 43 of 84

Impact factor: 2.192 (2018)

Q2 AIS

54. Trotta MC, Maisto R, Guida F, Boccella S, Luongo L, Balta C, D'Amico G, Herman H, **Hermenean A**, Bucolo C, D'Amico M. 2019. The activation of retinal HCA2 receptors by systemic beta-hydroxybutyrate inhibits diabetic retinal damage through reduction of endoplasmic reticulum stress and the NLRP3 inflammasome. *PLoS One*, 18;14(1):e0211005. doi: 10.1371/journal.pone.0211005

Q2 MULTIDISCIPLINARY SCIENCES; Rank in Category: 24 of 69

Impact factor: 2.776 (2018)

Q2 AIS

55. Alina F.G., Strugari, Miruna S. Stan, Sami Gharbia, **Anca Hermenean**, Anca Dinischiotu. 2019. Characterization of Nanoparticle Intestinal Transport Using an In Vitro Co-Culture Model, *Nanomaterials* 9(1), doi:10.3390/nano9010005

Q1 MATERIALS SCIENCE, MULTIDISCIPLINARY; Rank in Category: 71 of 293

Q2 NANOSCIENCE & NANOTECHNOLOGY; Rank in Category: 39 of 94

Impact factor: 4.034 (2018)

Q2 AIS

56. Alexandru Mihai Grumezescu, Alexandra Elena Stoica, Mihnea-Stefan Dima-Balcescu, Cristina Chircov, Sami Gharbia, Cornel Balta, Marcel Rosu, Hildegard Herman, Alina Maria Holban, Anton Ficai, Bogdan Stefan Vasile, Ecaterina Andronescu, Mariana Carmen Chifiriuc, **Anca Hermenean**. 2019. Electrospun Polyethylene Terephthalate Nanofibers

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Q1 MEDICINE, GENERAL & INTERNAL; Rank in Category: 15 of 160

Impact factor: 5.688 (2018)

AIS 2021 Q2 ???? 2019

57. Miruna Silvia Stan, Sorina Nicoleta Voicu, Sonia Caruntu, Ionela Cristina Nica, Neli-Kinga Olah, Ramona Burtescu, Cornel Balta, Marcel Rosu, Hildegard Herman, **Anca Hermenean \***, Anca Dinischiotu. 2019. Antioxidant and Anti-Inflammatory Properties of a



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doi:10.3390/antiox8090416 (\*corresponding author)

**Q1** BIOCHEMISTRY & MOLECULAR BIOLOGY; Rank in Category: 58 of 298

Impact factor: 4,520 (2018)

AIS 2021 Q1 ???? 2019

58. Judit Váradi, **Anca Hermenean**, Rudolf Gesztelyi, Viktória Jeney, Enikő Balogh, László Majoros, Milo Malanga, Éva Fenyvesi, Lajos Szente, Ildikó Bácskay, Miklós Vecsernyés, Pálma Fehér, Zoltán Ujhelyi, Gábor Vasvári, István Árvai, Ágnes Rusznyák, Cornel Balta, Hildegard Herman, Ferenc Fenyvesi. 2019. Pharmacokinetic Properties of Fluorescently Labelled Hydroxypropyl-Beta-Cyclodextrin, *Biomolecules* 2019, 9, 509; doi:10.3390/ biom9100509

**Q1** BIOCHEMISTRY & MOLECULAR BIOLOGY; Rank in Category: 63 of 298

Impact factor: 4,694 (2018)

AIS ???? 2019

59. Sorina Dinescu, Mariana Ionita, Simona-Rebeca Ignat, Marieta Costache, **Anca Hermenean**. 2019. Graphene Oxide Enhances Chitosan-Based 3D Scaffold Properties for Bone Tissue Engineering, *Int. J. Mol. Sci.* 2019, 20, 5077; doi:10.3390/ijms20205077

**Q2** BIOCHEMISTRY & MOLECULAR BIOLOGY; Rank in Category: 78 of 299

**Q2** CHEMISTRY, MULTIDISCIPLINARY; Rank in Category: 46 of 172

Impact factor: 4,183 (2018)

Q2 AIS

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**Q2** CELL BIOLOGY; Rank in Category: 64 of 193

**Q1** PHYSIOLOGY; Rank in Category: 11 of 81

Impact factor: 4,522 (2018)

Q2 AIS

61. Liliana Burlibaşa, Mariana Carmen Chifiriuc, Magdalena Valentina Lungu, Eduard Marius Lungulescu, Sorina Mitrea, Gabriela Sbarcea, Marcela Popa, Luminița Măruțescu, Nicoleta Constantin, Coralia Bleotu, **Anca Hermenean**. 2020. Synthesis, physico-chemical characterization, antimicrobial activity and toxicological features of Ag-ZnO nanoparticles, *Arabian Journal of Chemistry*, 13, 4180–4197.

**Q2** CHEMISTRY, MULTIDISCIPLINARY; Rank in Category: 60 of 172

Impact factor: 3.298 (2018)

Q2 AIS

62. Simona-Rebeca Ignat, Sorina Dinescu, **Anca Hermenean**, Marieta Costache. 2020. Cellular Interplay as a Consequence of Inflammatory Signals Leading to Liver Fibrosis Development, *Cells*, 9, 461; doi:10.3390/cells9020461

**Q1** CELL BIOLOGY; Rank in Category: 40 of 193

Impact factor: 5.656 (2018)

Q2 AIS

63. Rosa Maisto, Maria Consiglia Trotta, Francesco Petrillo, Sara Izzo, Giovanna Cuomo, Roberto Alfano, **Anca Hermenean**, Jorge Miquel Barcia, Marilena Galdiero, Chiara Bianca Maria Platania, Claudio Bucolo, Michele D'Amico. 2020. Resolvin D1 Modulates the Intracellular VEGF-Related miRNAs of Retinal Photoreceptors Challenged With High Glucose, *Frontiers in Pharmacology*, 111:236 [doi.org/10.3389/fphar.2020.00235](https://doi.org/10.3389/fphar.2020.00235)

**Q1** PHARMACOLOGY & PHARMACY; Rank in Category: 59 of 267

Impact factor: 3.845 (2018)

Q1 AIS

64. Ada Codreanu, Cornel Balta, Hildegard Herman, Coralia Cotoraci, Ciprian Valentin Mihali, Nicoleta Zurbau, Catalin Zaharia, Maria Rapa, Paul Stanescu, Ionut-Cristian Radu, Eugeniu Vasile, George Lupu, Bianca Galateanu, **Anca Hermenean**. 2020. Bacterial Cellulose-Modified Polyhydroxyalkanoates Scaffolds Promotes Bone Formation in Critical Size Calvarial Defects in Mice, *Materials* 13, 1433; doi:10.3390/ma13061433

**Q2** MATERIALS SCIENCE, MULTIDISCIPLINARY; Rank in Category: 102 of 293

Impact factor: 2.972 (2018)

Q2 AIS

65. Andreea Lazar, Sorina Dinescu, Madalina Albu-Kaya, Sami Gharbia, **Anca Hermenean**, Marieta Costache. 2020. Release of the Non-Steroidal Anti-Inflammatory Drug Flufenamic Acid by Multiparticulate Delivery Systems Promotes Adipogenic Differentiation of Adipose-Derived Stem Cells, *Materials*, 13, 1550; doi:10.3390/ma13071550

**Q2** MATERIALS SCIENCE, MULTIDISCIPLINARY; Rank in Category: 102 of 293

Impact factor: 2.972 (2018)

Q2 AIS

66. Roua Gabriela Popescu, Sorina Nicoleta Voicu, Gratiela Gradisteanu Pircalabioru, Alina Ciceu, Sami Gharbia, **Anca Hermenean**, Sergiu Emil Georgescu, Tatiana Dumitra Panaite, Anca Dinischiotu. 2020 Effects of Dietary Inclusion of Bilberry and Walnut Leaves Powder on the Digestive Performances and Health of Tetra SL Laying Hens, *Animals* 10, 823; doi:10.3390/ani10050823

**Q1** AGRICULTURE, DAIRY & ANIMAL SCIENCE; Rank in Category: 11 of 61

**Q1** VETERINARY SCIENCES; Rank in Category: 29 of 141

Impact factor: 1.832 (2018)

Q2 AIS

67. Anne Bannuscher, Bryan Hellack, Aileen Bahl, Julie Laloy, Hildegard Herman, Miruna S. Stan, Anca Dinischiotu, Anna Giusti, Benjamin-Christoph Krause, Jutta Tentschert, Marcel Roşu, Cornel Balta, **Anca Hermenean**, Martin Wiemann, Andreas Luch, Andrea Haase. 2020. Metabolomics profiling to investigate nanomaterial toxicity in vitro and in vivo, *Nanotoxicology*, <https://doi.org/10.1080/17435390.2020.1764123>

**Q2** NANOSCIENCE&NANOTECHNOLOGY; Rank in Category: 27 of 94

**Q1** TOXICOLOGY; Rank in Category: 6 of 93

Impact factor: 5.955 (2018)

Q1 AIS

68. Ioana Mihaela Popescu Din, Mihaela Balas, **Anca Hermenean**, Luce Vander Elst, Sophie Laurent 4, Carmen Burtea, Ludmila Otilia Cinteza and Anca Dinischiotu. 2020. Novel Polymeric Micelles-Coated Magnetic Nanoparticles for In Vivo Bioimaging of Liver: Toxicological Profile and Contrast Enhancement, *Materials*, 13, 2722

**Q2** MATERIALS SCIENCE, MULTIDISCIPLINARY; Rank in Category: 102 of 293

Impact factor: 2.972 (2018)

Q2 AIS

69. Erieg A. Mohamed, Despina M. Bordean, Isidora Radulov, Razvan F. Moruzi, Calin I. Hulea, Sergiu A. Orasan, Eugenia Dumitrescu, Florin Muselin, Hildegard Herman, Diana Brezovan, **Anca Hermenean**, and Romeo T. 2020. Cristina, Sea Buckthorn and Grape Antioxidant Effects in Hyperlipidemic Rats: Relationship with the Atorvastatin Therapy, *Evidence-Based Complementary and Alternative Medicine* Article ID 1736803, 7 pages  
**Q2** INTEGRATIVE & COMPLEMENTARY MEDICINE; *Rank in Category: 10 of 27*  
*Impact factor: 1,984 (2018)*  
**Q3 AIS**
70. George Mihail Vlasceanu, Aida Selaru, Sorina Dinescu, Cornel Balta, Hildegard Herman, Sami Gharbia, **Anca Hermenean**, Mariana Ionita, Marieta Costache, Comprehensive Appraisal of Graphene–Oxide Ratio in Porous Biopolymer Hybrids Targeting Bone-Tissue Regeneration, *Nanomaterials* 2020, 10, 1444; doi:10.3390/nano10081444  
**Q2** MATERIALS SCIENCE, MULTIDISCIPLINARY; *Rank in Category: 89 of 314*  
**Q2** NANOSCIENCE & NANOTECHNOLOGY; *Rank in Category: 42 of 103*  
*Impact factor: 4,324 (2019)*  
**Q2 AIS**
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**Q2 AIS**

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Q2 AIS

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Q1 AIS



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**Q2 AIS**

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