

Prof. Hermenean Anca PhD

Current position: Profesor of Histology – Faculty of Medicine; Director of Doctoral School Council (CSUD-UVVG) and PhD supervisor in Doctoral School of Medicine (Habilitation no. 4922/18.08.2015). **Research expertise:** histology, histochemistry, immunohistochemistry, electron microscopy in phytomedicine, nanotechnology and toxicology. **Expertise on project research area:** evaluation of Qdots, iron oxides or silica nanoparticles toxicology on different organs.

Research contracts: 10 international (4 manager/ partner coordinator, 6 expert); 11 national, from which: 2 CNCSIS (collaborator), 2 CEEEX (collaborator), 2 PN II –Partnership (1 director si 1 project responsible), 4 Romanian Academy grants (2 director, 2 collaborator). The following project were in phytomedicine field: PNII Partenership 62072/2008 “Nanoparticles with high bioavailabilities” 2008-2011 (project director); european project HURO/0901/058/2.2.2. “Research on the development of Sylibum marianum nanoparticles with high bioavailability” 2009-2011 (partner responsible).

No. of publications: 34 ISI and 54 BDI articles, H-index 10 (Google Scholar), Citations= 248; 1 international patent (WO2013124700-A2 HU201300110-A1 WO2013124700-A3 EP2674029-A2 EP2674029-A3) “Pharmaceutical composition useful for preventing and treating liver disease, comprises oil isolated from Silybum marianum seed” (**Principal inventor**), patent afiliated to University of Debrecen and Vasile Goldis Western University

1. 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, IF=2.862
2. Petrache Voicu S , Dinu D , Sima C , **Hermenean A** , Ardelean A, Codrici E , Stan M, Zarnescu O, Dinischiotu A. 2015. Silica Nanoparticles Induce Oxidative Stress and Autophagy but Not Apoptosis in the MRC-5 Cell Line, *International Journal of Molecular Sciences*, 16, 29398–29416; doi:10.3390/ijms161226171, IF=2.8623.
3. 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, 9014-934, IF= 2,339
4. 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):670-7, IF= 1,699