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| Name                                     | <b>ANNA TAVRIDOU</b>   |
| Rank/Title                               | Associate Professor (7/2014- )   |
| Topic/Specialty                          | Pharmacology   |
| Department                               | Laboratory of Pharmacology   |
| Office                                   | 5 <sup>th</sup> Building, 1 <sup>st</sup> Floor, Dragana, 68100 Alexandroupolis, Greece  |
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| Email                                    | atavrid@med.duth.gr  |
| Research Interests                       | <ul style="list-style-type: none"> <li>➤ Pathophysiology of atherosclerosis: in vitro (culturing of monocytes, hepatocytes, endothelial cells) and in vivo studies (animal models).</li> <li>➤ Study of genetic polymorphisms involved in: a) the pathogenesis of diabetes, cardiovascular and other metabolic disease, b) response to antidiabetic, cardiovascular drugs, c) drug metabolism.</li> <li>➤ The role of hydrogen sulfide in cardiovascular disease.</li> <li>➤ Clinical studies of biomarkers in atherosclerotic disease / drug response.</li> <li>➤ Pathophysiology of vascular calcification: study of biochemical and genetic markers in subjects with diabetic nephropathy.</li> <li>➤ Pathophysiology of osteoarthritis: study of adipokines/biomarkers in human samples and effect of drugs.</li> <li>➤ Development of novel antiatherosclerotic, lipid-modifying, and antioxidant compounds.</li> </ul> |
| Teaching                                 | <ul style="list-style-type: none"> <li>❑ “Pharmacology I” &amp; “Pharmacology II”, Medical School, Democritus University of Thrace.</li> <li>❑ Postgraduate course “Clinical Pharmacology-Therapeutics”, Democritus University of Thrace &amp; University of Crete.</li> <li>❑ Supervising a) dissertations of undergraduate students at the Department of Molecular Biology and Genetics, b) postgraduate students (MSc, PhD) at the Medical School of Democritus University of Thrace.</li> </ul>  |
| Link to personal webpage                 |  |
| <b>Detailed Biographical Information</b> |  |
| Education                                | <ul style="list-style-type: none"> <li>▪ BSc in Pharmacy, Aristotle University of Thessaloniki, Greece (1985-1989).</li> <li>▪ MSc in Clinical Biochemistry, The Medical School, University of Newcastle, UK (1994-1995).</li> <li>▪ PhD, The Medical School, University of Newcastle, UK (1995-1999).</li> </ul>  |
| Scientific Experience                    | <ul style="list-style-type: none"> <li>➤ Assistant Professor of Pharmacology (2/2009-7/2014).</li> <li>➤ Lecturer of Pharmacology, Medical School, Democritus University of Thrace (9/2004-2/2009).</li> <li>➤ Head of Laboratory of Pharmacology, ELPEN Pharmaceuticals Co. Inc (2000-2004).</li> </ul>   |

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|                | <ul style="list-style-type: none"> <li>➤ Postdoctoral researcher funded by the Medical Research Council. Human Diabetes &amp; Metabolism Research Centre, The Medical School, University of Newcastle, UK (1999-2000).</li> <li>➤ Junior Research Associate funded by the British Heart Foundation. Dept. of Clinical Biochemistry, The Medical School, University of Newcastle, UK (1995-1998).</li> </ul>   |
| Published work | <p>&gt;50 scientific articles in international peer-reviewed journals.<br/> &gt;1200 citations, h-index 17. Mean impact factor (IF): 4.32<br/> (<a href="http://scholar.google.com/citations?user=kNVsxGwAAAAJ&amp;hl=en">http://scholar.google.com/citations?user=kNVsxGwAAAAJ&amp;hl=en</a>)</p> <ul style="list-style-type: none"> <li>○ 49 abstracts in Proceedings of international conferences and 44 abstracts in Proceedings of Greek conferences.</li> <li>○ Teaching material in Pharmacology.</li> <li>○ PhD thesis: Lipoprotein(a) in population-based samples of South Asian and European adults in Newcastle upon Tyne.</li> <li>○ MSc dissertation: Analysis of antioxidant vitamins and their assessment in a population-based sample.</li> <li>○ 2 book chapters (pages 75-79 &amp; 167-171) in Atherosclerosis-Cardiometabolic risk factors, A.N. Efthimiadis. 2008.</li> <li>○ 1 book chapter (pages 383-439) in Molecular pharmacology topics in the cardiovascular system, V.A. Kokkas, K.L. Papadopoulos. 2011.</li> <li>○ Invited executive editor in Special Issue of Current Pharmaceutical Design: V.G. Manolopoulos, A. Tavidou. Drugs targeting atherosclerosis: current and emerging approaches. 15(27), 2009.</li> </ul>  |
| Clinical Work  | <p>2005- Therapeutic drug monitoring and toxicology: Laboratory of Clinical Pharmacology, University General Hospital of Alexandroupolis.</p>   |
| Miscellaneous  | <ul style="list-style-type: none"> <li>➤ Evaluator of grant proposals submitted under the European Commission 7th Framework Programme for research in the cardiovascular disease area (2012-2013) and Horizon 2020.</li> <li>➤ Evaluator of grant proposals submitted at the General Secretariat for Research and Technology (Greece).</li> <li>➤ Member of evaluation committee for review of projects funded by the General Secretariat for Research and Technology (Greece).</li> <li>➤ Reviewer of manuscripts for publication in scientific journals.</li> <li>➤ Member of the Organizing Committee of 10 national conferences and &gt;10 seminars.</li> <li>➤ Member of the Organizing Committee of 7th EACPT Summer School in Clinical Pharmacology &amp; Therapeutics. Alexandroupolis, Greece, 19-22 September 2009.</li> <li>➤ Member of the Organizing Committee of 1st International Conference on Familial Hypercholesterolaemia in Children and Adolescents, Athens, Greece, 8-9 June 2012.</li> <li>➤ Invited speaker/chairperson in national and international conferences.</li> <li>➤ Membership in Professional Bodies: <ul style="list-style-type: none"> <li>- European Atherosclerosis Society</li> <li>- European Society of Pharmacogenomics and Theranostics (founding member)</li> <li>- Atherosclerosis Society of Northern Greece (founding member, elected Treasurer, 2007-2010, 2010-2013, 2013-2016)</li> <li>- Greek Society of Pharmacology.</li> </ul> </li> </ul> |