

Curriculum Vitae

Name: Eleni Pontiki

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EDUCATION

- 2008** M.Sc. "Management in Health Care Organizations" (Degree: Excellent), National School of Public Health.
- 2008** Certificate "Pharmacoeconomics" (Degree: Excellent), National School of Public Health.
- 2007** Ph.D on Medicinal Chemistry (Degree: Excellent) School of Pharmacy, Aristotle University of Thessaloniki, supervisor: Professor Dimitra Hadjipavlou-Litina, thesis: "Synthesis and Pharmacochemical Study of new α,β -unsaturated-aryl-acetic acids and their derivatives with possible biological activity against inflammation. Evaluation of QSAR analysis".
- 2001** M.Sc. on Medicinal Chemistry (Excellent, Degree award: 9.43/10), School of Pharmacy, Aristotle University of Thessaloniki in collaboration with the Department of Pharmaceutical Chemistry, School of Pharmacy, National & Kapodistrian University of Athens, supervisor: Professor Dimitra Hadjipavlou-Litina, thesis: "Development and Study of Quantitative Structure Activity Relationships (QSARs) of compounds acting as Lipoxygenase Inhibitors. Synthesis and Pharmacochemical Study of new aryl-acetic and aryl-hydroxamic acids with possible biological activity on lipoxygenase".
- 1999** License of Pharmacist, Greek Ministry for Health and Social Solidarity.
- 1999** M. Pharm. School of Pharmacy, Aristotle University of Thessaloniki, Greece (Very Good, Degree award: 7.77/10).
- 1992** Greek State Diploma, High School "Lyceé Leonin de Patissia", Athens (Excellent, Overall mark: 19 2/11).

POSTDOCTORAL RESEARCH

- 2011-2017** Post-doctoral research at the Department of Pharmaceutical Chemistry, School of Pharmacy, A.U.Th.
- 2010-2011** Post-doctoral research at the Department of Chemistry, UCL, laboratory of Prof. Charles Marson with fellowship from the Onassis Public Benefit Foundation "Design, Synthesis and Evaluation of Agents that target the Histamine H₄ Receptor and Mycobacterium Tuberculosis (MTB) Kinases".
- 2007-2009** Post-doctoral research at the Department of Pharmaceutical Chemistry, School of Pharmacy, A.U.Th. at the laboratory of Prof. D. Hadjipavlou-Litina for novel anticancer and anti-inflammatory agents.
- 2007-2008** Post-doctoral research in cell cultures and evaluation of aryl-acetic and aryl-hydroxamic acids derivatives as anticancer agents in SymeonidionResearchCenter, "Theagenion" CancerHospital, in Thessaloniki, Greece.
- 2007** Participation in a common research program between Greece and Albania, under the supervision of Dr Lazari Manto, Lecturer of Pharmacognosy, School of Pharmacy, Aristotle University of Thessaloniki, Greece. This research program is entitled: "Evaluation of Pharmaceutical plants with financial interest of the species Thymus" and funded by General Secretary of Research and Technology, Greece.

ACADEMIC RECORD

- 02/2018** Assistant Professor in Medicinal Chemistry, School of Pharmacy, Aristotle University of Thessaloniki.
- 03-08/2017** Assistant Professor (fixed term), School of Pharmacy, Aristotle University of Thessaloniki.
- 06-08/2015** Assistant Professor (fixed term), School of Pharmacy, Aristotle University of Thessaloniki.
- 2007-2008** Lecturer (fixed term), Department of Molecular Biology and Genetics, Democritus University of Thrace, Greece, teaching Organic Chemistry and Pharmacology.

MEMBER OF PHD TRIBUNAL

- 2010** Member of the five-membered tribunal of the Burguette Asun, Unidad de Investigación y Desarrollo de Medicamentos, Centro de Investigación en Farmacobiología Aplicada (CIFA), Universidad de Navarra, Pamplona, Spain entitled: "Design, synthesis and biological evaluation of novel 1,4-di-N-oxide quinoxaline derivatives with application in different therapeutic areas".

POSTDOCTORAL RESEARCH TRAININGS

- 11/2009** Research on molecular modeling and docking studies in the School of Pharmacy, University of Rome, Italy under the supervision of Prof. Rino Ragno.
- 2007-2008** Post-doctoral training in cell cultures and evaluation of derivatives as anticancer agents in Symeonidion Research Center, "Theagenion" Cancer Hospital, in Thessaloniki, Greece.
- 7-8/2007** Post-doctoral research on 3D-QSAR (Sybyl program) and Molecular Modeling (Gold Program) studies under the supervision of Professor Angelo Carotti, School of Pharmacy, University of Bari, Italy.

POSTDOCTORAL FELLOWSHIPS

- 2010** Fellowship from the Onassis Public Benefit Foundation at the Department of Chemistry, University College London for "Design, Synthesis and Evaluation of Agents that target the Histamine H₄ Receptor and Mycobacterium Tuberculosis (MTB) Kinases".
- 2007-2009** Post-doctoral Research Fellowship from the "Foundation for Education and European Culture", established in Athens, Greece in the Department of Pharmaceutical Chemistry, School of Pharmacy, A.U.Th for research on anti-inflammatory and anticancer agents.

AWARDS

- 2009** 2nd Award at the 10th Conference Medical Chemistry: Drug Discovery and Design, Patras, Greece for the study: "Synthesis and Pharmacochemical Evaluation of quinoxaline derivatives with antioxidant and anticancer activity", Burguete Asuncion, Pontiki Eleni and Hadjipavlou-Litina Dimitra.
- 2007** Honorary award from the Research Committee, of the Aristotle University of Thessaloniki, Greece for the postdoctoral research in Medicinal Chemistry.
- 2005-2006** Honorary award from the Research Committee, of the Aristotle University of Thessaloniki, Greece for PhD studies.

- 2005 3rd Award at the 6th Conference Medical Chemistry: Drug Discovery and Design, Patras, Greece for the study: "Synthesis and Pharmacochemical Study of aryl-acetic and aryl-hydroxamic acids inhibitors of lipoxygenase with antioxidant and anti-inflammatory activity", Pontiki Eleni and Hadjipavlou-Litina Dimitra.

AWARDED SCHOLARSHIPS DURING PHD STUDIES

- 2006 Scholarship from INTAS, the Hellenic Association of Medicinal Chemistry and the Department of Medicinal Chemistry for the European School of Medicinal Chemistry-XXVI Advanced Course of Medicinal Chemistry and "E. Duranti", National Seminar for PhD Students, Urbino, Italy 2006.
- 1999-2001 Scholarship E.P.E.A.E.K. from the Research Committee of National & Kapodistrian University of Athens.

LANGUAGES

English, French, Italian and Greek.

MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL ORGANISATIONS

Panhellenic Pharmaceutical Association

Hellenic Society of Medicinal Chemistry

LIST OF PUBLICATIONS

1. Pontiki E. and Hadjipavlou-Litina D., *Electron J Mol Design*, 2002, 1, 134-141.
2. Pontiki, E. and Hadjipavlou-Litina D., *Mini Rev in Med Chem*, 2003, 3, 487-499.
3. Pontiki A. E. and Hadjipavlou-Litina J. D., *Arzneim-Forsch/Drug Res*, 2003, 53(11), 780-785.
4. Pontiki E. and Hadjipavlou-Litina D., *Curr Med Chem - Anti-Inflammatory and Anti-Allergy Agents*, 2004, 3, 139-156.
5. Pontiki E., Hadjipavlou-Litina D., Demertzis A., Hadjidakis I. and Kovala-Demertzi D., *J Enz Inh Med Chem*, 2005, 20(1), 5-12.
6. Pontiki E., Hadjipavlou-Litina D., Chaviara A.T., Bolos C.A., *Bioorg Med Chem Lett*, 2006, 16(8), 2234-2237.
7. Pontiki, E. and Hadjipavlou-Litina, D., *Med Chem*, 2006, 2(3), 251-264.
8. Pontiki, E. and Hadjipavlou-Litina, D., *Med Chem*, 2007, 3(2), 175-186.
9. Panagoulis D., Pontiki E., Skeva E., Raptopoulou C., Girousi S., Hadjipavlou-Litina D., Dendrinou-Samara C., *J Inorg Biochem*, 2007, 101(4), 623-634.
10. Michael A., Alexopoulos C., Pontiki E., Hadjipavlou-Litina D., Saratsis P., Boscoc C. *Theriogenology*, 2007, 68(2), 204-212.
11. Hadjipavlou – Litina D., Kontogiorgis C., Pontiki E., Dakanali M., Akoumianaki A., Katerinopoulos H.E., *J Enz Inhib Med Chem*, 2007, 22 (3), 287-292.
12. Pontiki, E. and Hadjipavlou-Litina, D., *Biorg Med Chem*, 2007, 15 (17), 5819-5827.
13. Burguete A., Pontiki E., Hadjipavlou-Litina^a D., Villar R., Vicente E., Solano B., Ancizu S., Pérez-Silanes S., Aldana I., Monge A., *Biorg Med Chem Lett*, 2007, 17(23), 6439-6443.
14. Pontiki, E. and Hadjipavlou-Litina, D., *Med Res Rev*, 2008, 28(1), 39-117.
15. Kontogiorgis C., Litinas K.A., Makri A., Nicolaides D.N., Vronteli A., Hadjipavlou-Litina D.J., Pontiki E., Siohou A., *J Enz Inhib Med Chem*, 2008, 23(1), 43-49.
16. Michael A.J., Alexopoulos C., Pontiki E.A., Hadjipavlou-Litina D.J., Saratsis P., Ververidis H.N., Boscoc C.M., *Theriogenology*, 2008, 70, 827-835.
17. Pontiki E., Hadjipavlou-Litina D., Chaviara A.T., *J Enz Inh Med Chem*, 2008, 23(6), 1011-1017.

18. Michael A.J., Alexopoulos C., Pontiki E.A., Hadjipavlou-Litina D.J., Ververidis H.N., Saratsis P., Boscós C.M., *Anim Reprod Sci*, 2009, 112 (1-2), 119-135.
19. Simunović M., Perković I., Zorc B., Ester K., Kralj M., Hadjipavlou-Litina D., Pontiki E., *Bioorg Med Chem*, 2009, 17(15), 5605-5613.
20. Petrović Z.D., Hadjipavlou-Litina D., Pontiki E., Simijonović D., Petrović VP., *Bioorg Chem*, 2009, 37(5), 162-166.
21. Pontiki E., Hadjipavlou-Litina D., Geromichalos G., Papageorgiou A., *Chem Biol Drug Des*, 2009, 74(3), 266-275.
22. Rajic Z., Perkovic I., Butula I., Zorc B., Hadjipavlou-Litina D., Pontiki E., Pepeljnjak S. and Kosalec I., *J Enz Inhib Med Chem*, 2009, 24(5), 1179-1187.
23. Michael A.J., Alexopoulos C., Pontiki E.A., Hadjipavlou-Litina D.J., Saratsis P., Ververidis H.N., Boscós C.M., *Reprod Dom Anim*, 2010, 45(2), 201-207. Epub 2008, Dec 19.
24. Rajic Z., Hadjipavlou-Litina D., Pontiki E., Kralj M., Suman L. and Zorc B., *Chem Bio Drug Des*, 2010, 75(6), 641-652.
25. Perkovic I., Butula I., Rajic Z., Hadjipavlou-Litina D., Pontiki E. and Zorc B., *Croat Chem Acta*, 2010, 83(2), 151-161.
26. Rajic Z., Hadjipavlou-Litina D., Pontiki E., Balzarini, J., Zorc B., *Med Chem Res*, 2011, 20(2), 210-219.
27. Pontiki E., Hadjipavlou-Litina D., Litinas, K., Nicolotti, O. and Carotti, A., *Eur J Med Chem*, 2011, 46, 191-200.
28. Burguete A., Pontiki E., Hadjipavlou-Litina D., Villar R., Vicente E., Solano B., Ancizu S., Pérez-Silanes S., Aldana I., Monge A., *Chem Bio Drug Des*, 2011, 77(4), 255-67.
29. Boursourani, Z., Geromichalos, G.D., Repana, K., Yiannaki, E., Psycharis, V., Raptopoulou C.P., Hadjipavlou-Litina, D., Pontiki, E. Dendrinou-Samara, C., *J Inorg Biochem*, 2011, 105, 839-49.
30. Pontiki E. and Hadjipavlou-Litina D., *Med Res Rev*. 2012, 32(1), 1-165.
31. Pontiki E., Kontogiorgis C., Xu Y., Hadjipavlou-Litina D. and Luo Y., *J Alzheimers Dis*, 2013, 34(1), 215-30.
32. Pontiki E. and Hadjipavlou-Litina D., *Curr Enz Inh*, 2013, 9(2), 89-105.
33. Yar, M., Sidra, L.R., Pontiki E., Mushtaq, N., Ashraf, M., Nasar, R., Mahmood, N., Naqvi, S., Khan, Z.L., Shahzad, S.H., *J Iranian Chem Soc*, 2014, 11, 369-378.
34. Manta, S., Gkaragkouni, D.-N., Kaffesaki, E., Gkizis, P., Hadjipavlou-Litina, D., Pontiki, E., Balzarini, J., Dehaen, W., Komiotis, D., *Tetrahedron Letters*, 2014, 55, 1873-1876. (IF: 2.193)
35. Pontiki E., Hadjipavlou-Litina D., Litinas, K., Geromichalos G., *Molecules*, 2014, 19(7), 9655-74. (IF: 2.861)
36. Mutahir, S., Yar, M., Khan, M.H., Ullah, N., Shahzad, S.A., Khan, I.U., Mehmood, R.A., Ashraf, M., Nasar, R., Pontiki, E., *J Iranian Chem Soc*, 2015, 12(6), 1123-1130.
37. Pontiki, E., Hadjipavlou-Litina, D., Patsilinakos, A., Tran, T.M., Marson, C.M., *Future Med Chem*, 2015, 7(14), 1937-1951.
38. Bariamis, S.E., Magoulas, G.E., Grafanaki, K., Pontiki, E., Tseggenidis, T., Athanassopoulos, C.M., Maroulis, G., Papaioannou, D., Hadjipavlou-Litina, D. *Bioorg Med Chem*, 2015, 23(22), 7251-7263.
39. Perković, I., Antunović, M., Marijanović, I., Pavić, K., Ester, K., Kralj, M., Vlainić, J., Kosalec, I., Schols, D., Hadjipavlou-Litina, D., Pontiki, E., Zorc, B., *Eur J Med Chem*, 2016, 24(124), 622-636.
40. Pavić, K., Perković, I., Gilja, P., Kozlina, F., Ester, K., Kralj, M., Schols, D., Hadjipavlou-Litina, D., Pontiki, E., Zorc, B., *Molecules*, 2016 Nov 28, 21(12). pii: E1629.
41. Pontiki, E. and Hadjipavlou-Litina, D. *J Biomol Struct Dyn*. 2017, 35(5), 968-1005.
42. Kavetsou, E., Gkionis, L., Galani, G., Gkolfinopoulou, C., Argyri, L., Pontiki, E., Chroni, A., Hadjipavlou-Litina, D., Detsi, A., *Med Chem Res*, 2017, 26, 856-866.

43. Peperidou A, Pontiki E, Hadjipavlou-Litina D, Voulgari E, Avgoustakis K. *Molecules*, 2017, 25;22(8).
44. Vlainić, J., Kosalec, I., Pavić, K., Hadjipavlou-Litina, D., Pontiki, E., Zorc, B., *J Enzyme Inhib Med Chem*, 2018, 33(1), 376-382.

REVIEW ARTICLES

1. Kontogiorgis A. C., Pontiki A. E. and Hadjipavlou-Litina D., *Mini Rev in Med Chem*, 2005, 5, 563-574.
2. Pontiki E. and Hadjipavlou-Litina D. *Curr Enh Inh*, 2005, 1, 309-328.
3. Pontiki E. and Hadjipavlou-Litina D. *Curr Enz Inh*, 2013, 9(2), 89-105.

BOOK CHAPTERS

1. Hadjipavlou-Litina D. & Pontiki E. "Quantitative Structure–Activity Relationship Studies on Hydroxamic Acids Acting as Histone Deacetylase Inhibitors" in "HydroxamicAcids: A Unique Family of Chemicals with Multiple Biological Activities" Springer's, (Editor Satya Prakash Gupta), 2013, 205-240.
2. Hadjipavlou-Litina D. & Pontiki E. "Aryl-acetic and cinnamic acids as lipoxygenase inhibitors with antioxidant, antiinflammatory and anti-cancer activity" in "Advanced Protocols in Oxidative Stress III.", Springer's, *Methods Mol Biol.*, 2015, 1208, 361-77.
3. Pontiki E. & Hadjipavlou-Litina D. "Advances in Studies on COX/LOX Enzymes Inhibitors as Drugs" 2017, Vol.2, 113-134.

PRESENTATIONS IN INTERNATIONAL/NATIONAL CONFERENCES

1999-2018: Around 24 oral and poster presentations in International Conferences and 36 oral and poster presentations in Hellenic Conferences.