



## Curriculum Vitae

Personal information **Anastasios Makritis**

### Work experience

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1. Employer: University of Athens, Department of Chemistry, Laboratory of Organic Chemistry
  - Start date: 092004
  - End date: 042006
  - Position: Full time organic chemist, Senior scientist
  - Activities: Synthesis, purification and elucidation of the structure of new heterocyclic pseudopeptidic metalloenzyme inhibitors
  - Country: Greece
2. Employer: Ministry of Health, National Organization for medicines (EOF)
  - Start date: 052006
  - End date:
  - Position: Scientist, Secretary to the Greek Pharmacopoeia Commission, member of Standard Terms Working Party of EDQM, member of the European Pharmacopoeia Commission
  - Activities: Implementation of the Ph.Eur. in the National Pharmacopoeia Elaboration of national monographs Laboratory testing of samples for the Proficiency Testing Studies (PTS) Involvement in the accreditation (ISO 17025) of the laboratory of Pharmacopoeia Evaluation of documentation of dossiers (module 3) for the Marketing authorization procedure (quality variations included) Member of the Greek Delegation to the Ph.Eur. Commission
  - Country: Greece

### Education and training

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1. Subject: University of Athens, Department of Chemistry
  - Start date: 1994
  - End date: 1998
  - Qualification: Bachelors degree
  - Organisation: Organic\_, Inorganic\_, Analytical\_, Physical\_, Industrial\_ and Food Chemistry; Biochemistry; General mathematics; General physics; Peptide Chemistry, Literature Searching; Diploma Thesis in Organic Chemistry titled: "Synthesis and spectrophotometric study of Thiosemicarbazones"
  - Country: Greece
2. Subject: University of Athens, Department of Chemistry
  - Start date: 1998
  - End date: 2000
  - Qualification: Postgraduate student, Master's degree
  - Organisation: Advanced Organic\_, Inorganic\_ and Analytical Chemistry MSc Thesis titled: "Improved synthesis of phosphinic inhibitors of NEP and APN enzymes" Conducting students' practical classes
  - Country: Greece
3. Subject: University of Athens, Department of Chemistry
  - Start date: 2000
  - End date: 2003
  - Qualification: Postgraduate student, PhD
  - Organisation: Advanced Organic Chemistry courses; PhD Thesis titled: "Development of selective pseudopeptidic metalloenzyme inhibitors by combinatorial chemistry" Teaching assistant, conducting students' practical classes
  - Country: Greece
4. Subject: National Organization for Medicines (EOF)
  - Start date: 2006
  - End date: 2017
  - Qualification: Scientist in National Health Authority\_Deputy Head of Pharmacopoeia Section (since 12/2015)
  - Organisation: Training in: 1) EURS is yours (10/2007 by IABG\_Life Science Solutins GmbH), 2) The European Pharmacopoeia 6th Edition (12/2007 by EDQM), 3) Quality by Design (9/2009 by EMA/EFPIA), 4) QWP Assessors' training (11/2011 by EMA), 5) Current developments in the field of the Ph.Eur. (webinar, EDQM, 3/2/2014), 6) Quality Working Party training (webinar, EMA, 14\_15/10/2014), 7) Quality Working Party Webinar training (25\_26/6/2015), 8) The European Pharmacopoeia 8th Edition EDQM, Strasbourg,(9\_10/7/2015, 9) HMPC Assessors training on Module 3 for Herbal med. products\_Webinar (EMA 7\_8/12/2015), 10) Webinar EMA Quality assessors training: "Continuous Manufacturing" (03/2016), 11) EDQM Finished products monographs with chemically defined active substances in the Ph.Eur. (02/2016),
  - Country: Greece
5. Subject: National Organization for Medicines (EOF)
  - Start date: 2018
  - End date:
  - Qualification: Deputy Head of Pharmacopoeia Section\_Scientist in National Health Authority
  - Organisation: 1) HMPC\_QWP Assessor's training webinar\_Module 3 (9/2018), 2) EDQM& Ph.Eur. State\_of\_the\_art science for tomorrow's Medicines (6/2019), 3) Getting the big picture: what has changed in Ph.Eur. General Notices (EDQM 04/2022), 4) Trainings as Modules1\_6 by EDQM (07/2022), 5) The Ph.Eur. 11th Edition (EDQM 09/2022), 6) The new Ph.Eur. Cannabis flower monograph (EDQM 12/2023), 7) Comparability of alternative analytical procedures (EDQM 01/2024), 8) Ethylene glycol and diethylene glycol testing (EDQM 04/2024),

- Country: Greece

## Additional information

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### Publications

1. Diastereoselective solution and multipin\_based combinatorial array synthesis of a novel class of potent phosphinic metalloprotease inhibitors. A. Makritis, D. Georgiadis, V. Dive, A. Yiotakis, Chem. Eur. J., 2003, 9, 2079\_2094. 2. Metalloproteinase inhibition by phosphinic peptides: Pharmacological applications. Matziari, M., Georgiadis, D., Makritis, A., Dive, V., Yiotakis, A., Hellenic Medical and Pharmaceutical Review, 2003, 1, 16\_21 3. Phosphinic Peptides: Synthetic Approaches and Biochemical Evaluation as Zn\_Metalloproteases Inhibitors. Yiotakis, A., Georgiadis, D., Matziari, M., Makritis, A., Dive, V., Curr. Org. Chem., 2004, 8, 1135\_1158 4. Phosphinic Peptides as Zinc Metalloproteinase Inhibitors. Dive, V., Georgiadis, D., Matziari, M., Makritis, A., Beau, F., Cuniasse, P., Yiotakis, A., Cell. Mol. Life Sci., 2004, 61, 2010\_2019 5. Future Challenges Facing the Development of Specific Active\_side\_directed Synthetic Inhibitors of MMPs. Cuniasse, P., Devel, L., Makritis, A., Beau, F., Georgiadis, D., Matziari, M., Yiotakis, A., Dive, V., Biochimie, 2005, 87, 393\_402 6. Development of selective inhibitors and substrate of matrix metalloproteinase\_12. Devel, L., Rogakos, V., David A., Makritis, A., Beau, F., Cuniasse, P., Yiotakis, A., Dive, V., J Biol Chem., 2006, 281, 11152\_60 7. Cross\_Linking Yield Variation of a Potent Matrix Metalloproteinase Photoaffinity Probe and Consequences for Functional Proteomics, Arnaud David, David Steer, Sarah Bregant, Laurent Devel, Anastasios Makritis, Fabrice Beau, Athanasios Yiotakis, Vincent Dive, Angewandte Chemie Int. Ed., 46, 18, 2007, 3275\_3277 8. Phosphinic tripeptides as dual angiotensin\_converting enzyme C\_domain and endothelin\_converting enzyme\_1 inhibitors, Jullien N., Makritis A., Georgiadis D., Beau F., Yiotakis A., Dive V., J. Med. Chem., 2010, 53, 208-220

### Projects

### Memberships

Member of the Greek Chemists Association

### Other Relevant Information