

Curriculum Vitae:

Surname, Name: Aybike Yektaoğlu
Academic Title: Asst. Prof. Dr.
Institution: Eastern Mediterranean University, Faculty of Pharmacy
e-mail: aybike.yektaoglu@emu.edu.tr

Educational Facilities and Qualifications:

Oct. 2007 – June 2012	University of Leipzig, Faculty of Chemistry and Mineralogy Working Group of Prof. Dr. Dr. h.c. A. Giannis, Dept. of Organic Chemistry and Chemistry of Natural Products Doctor of Philosophy (Degree: PhD)	Germany, Leipzig
Oct. 2005 - Sept. 2007	University of Leipzig, Dept. of Chemistry and Mineralogy Master of Science (Degree: MSc)	Germany, Leipzig
Oct. 2002 - Sept. 2005	University of Leipzig, Faculty of Chemistry and Mineralogy Bachelor of Science (Degree: BSc)	Germany, Leipzig
Sept. 2005	Vordiplom	Germany, Leipzig
Sept. 2000 - March 2002	Studienkolleg Sachsen (Preparatory Courses for foreign Students – Degree: Abitur)	Germany, Leipzig
March 2000 - July 2000	Inter DaF Language Course	Germany, Leipzig

International Publications:

Roumana, A., Yektaoglu, A., Pliatsika, D., Bantzi, M., Nikolaropoulos, S.S., Giannis, A., Fouteris, M.A., *EurJOC* **2018**, *2018(30)*, 4147-4160. "New Spiro-Lactam C-nor-D-homo Steroids"

Wetzel, W. Wilk, S. Chammaa, B. Sperl, A. G. Roth, A. Yektaoglu, S. Renner, T. Berg, C. Arenz, A. Giannis, T. I. Oprea, D. Rauh, M. Kaiser, H. Waldmann, *Angew. Chem. Int. Ed.* **2010**, *49(21)*, 3666-3670. "A Scaffold-Tree-Merging Strategy for Prospective Bioactivity Annotation of γ -Pyrones"

M. Rothley, A. Schmid, W. Thiele, V. Schacht, D. Plaumann, M. Gartner, A. Yektaoglu, F. Bruyère, A. Noël, A. Giannis, J. P. Sleeman, *Int. J. Can.* **2009**, *125*, 34-42. "Hyperforin and aristoforin inhibit lymphatic endothelial cell proliferation *in vitro* and suppress tumor-induced lymphangiogenesis *in vivo*"

Poster Presentation: 4th Summer School „Medicinal Chemistry“ (29 Sept.-1 Okt. 2008), Regensburg

Presentation: "Synthesis of potential Monastrol-Antagonists"

Book Chapters: Yektaoglu, Aybike & Burgaz, E.V., `Highlights In Pharmacy`. Editor: Fethi Sahin. Eastern Mediterranean University, pp 108-114 (2018). ISBN: 978-605-9595-15-5.

Workshop:

30 Oct - 3 July 2008 → 4th Workshop of the Marie Curie Research Training Network

"Spindle Dynamics", Kolympari, Crete, Greece

Department of Organic and Bioorganic Chemistry

Presentation: "Synthesis of potential Monastrol-Antagonists"

"Chemical Biology 2008" EMBL, Heidelberg/Germany, 8 - 11 Oct. 2008

Research Thesis:*Bachelor Thesis:*

Supervisor: Prof. Dr. Dr. h.c. A. Giannis

Subject: Synthesis of potent inhibitor of Histoneacetyltransferase

Master Thesis:

Supervisor: Prof. Dr. Dr. h.c. A. Giannis

Thesis Review: Prof. Dr. Dr. h.c. A. Giannis and Prof. Dr. D. Sicker

Subject: Synthesis of Monastrol-Antagonists

Doctor of Philosophy Thesis:

Supervisor: Prof. Dr. Dr. h.c. A. Giannis

Dissertation Review: Prof. Dr. Dr. h.c. A. Giannis and Prof. Dr. Kokschi

Subjects: Synthesis of Potential Monastrol Antagonists, Contributions to the Synthesis of Cycloamine-derived Analogues, Fluorescence-based Assay for Screening of Potential Sphingomyelinase Inhibitors and *Salvia fruticosa* Mill. Essential Oil Isolation AND Chromatographic Determination

Internships:*Master of Science:*2D NMR Spectroscopy

Supervisor: Prof. Dr. S. Berger

Advanced Organic Chemistry

1. Supervisors: Prof. Dr. Adam Nelson (University of Leeds, England) and Prof. Dr. Dr. h.c. A. Giannis (University of Leipzig)

Subject: "Synthesis of Potential Tools for Elucidating Stem Cell Differentiation Mechanism"

2. Supervisor: Prof. Dr. R. Breinbauer

Subject: Chemical Diversity and Function

Subject: "Synthesis of Potential Transition State-Analogues of Enzyme PhzA"

Acknowledgement in Publication by Name:

"PhzA/B Catalyzes the Formation of the Tricycle in Phenazine Biosynthesis"

Bioanalytical Chemistry

Supervisor: Prof. Dr. N. Sträter

Subject: "Optimization of the Purification with GST-Tag marked variation of *trans*-Dienlacton-Hydrolase from *Cupriavidus necator*"

Master Thesis Student:

"Isolation, Identification and Quantification of Essential Oils in Cyprus and Anatolian Thyme", Wihad Mohamed Hussain Khaleal – 2014-2015, Co-supervisor: Yektaoglu, A, Supervisor: Garip, M.

Student Supervisor for Laboratory Work and Bachelor Thesis

02/2008 – 07/2008 Claudia Weilbeer "Beiträge zur Synthese eines potentiellen Monastrol Antagonisten" BSc.

03/2008 – 07/2008 Daniel Becker "Synthese eines potentiellen Monastrol-Antagonisten" BSc.

04/2009 – 08/2009 Janine Paschke "Synthese eines Monastrol-Antagonist Derivates" BSc.

10/2007 – 12/2011 Internship Students Fabian Schwarzkopf, Lisa Gerstmann, Franziska Willisich, Robert Zeidler

Experience during Bachelor and Master studies:

August 2005	Bell-Flavours, Leipzig Germany (3 weeks during Bachelor studies)
Sept. 2005 - Dec. 2005	Student Research Assistant
Oct. 2007 - Sept. 2009	Graduate Assistant
Oct. 2009 - Oct. 2010	Research/Graduate Assistant

Scholarships:

Oct. 2005 - Sept. 2007	Postgraduate Scholarship MEB K.K.T.C.
Oct. 2007 - Feb. 2012	Doctorate Scholarship MEB K.K.T.C.
Oct. 2007 - Oct. 2010	Research Assistant and Research Projects, University Leipzig
Nov. 2010 - Dec. 2010	Project Scholarship, University Leipzig

Erasmus Practical Experience, Summer School Education and Work Abroad:

Oct. 2010 - Jan. 2011 →	University of Crete, Heraklion Department of Organic Chemistry Prof. H.E. Katerinopoulos working group PhD Erasmus Subject: Demonstration of a Production Quality, and Plant Origin Assurance System for the Pharmaceutical and Aromatic Plants of Crete-Greece
July 2009 →	SYNAPS - Erasmus Intensive Summer Course (Synthesis and Retrosynthesis in the Chemistry of Natural Products) – University of Crete
Apr. and July 2008 →	Humboldt University Berlin Department of Organic and Bioorganic Chemistry Prof. Dr. C. Arenz - In cooperation with Prof. Dr. H. Waldmann

Subject: Isolation of neutral and acidic sphingomyelinases and screening of γ -Pyrones with fluorescence-based and radioactive assays

Administrative Duties:

Aug. 2018 – now	Continuing Education Center	Coordinator
Oct. 2017 – Oct. 2018	Curriculum Committee	Committee Member
Nov. 2016 – Apr. 2018	Faculty of Pharmacy, Dean's Office	Vice Dean
May 2015 – now	Registration Commission	Commission Member
Oct. 2014 – Oct. 2017	Curriculum Committee	Committee Member
Nov. 2013 – Nov. 2015	Student Disciplinary Board	Board Member