Adelajda Shahu
CONTACT INFO

 6944545837

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EDUCATION

**2020 – :PhDCandidate**

National and Kapodistrian University of Athens, Department of Chemistry

* Doctoral Thesis: "New photochemical processes for the synthesis of derivatives of BODIPY dyes induced through their self-organization in aqueous environments for photonic applications.", Supervisor: Dr. George Pistolis.

**2017 –2019:Master’s Degree in “Organic Synthesis and Applications in Chemical Industry”**

National and Kapodistrian University of Athens, Department of Chemistry

* DegreeGrade: 9.56/10
* Master’s Thesis: “Organocatalytic synthesis of epoxides and applications for the synthesis of 3-hydroxy fatty acids and intermediates of pharmaceutical compounds against AIDS”.

 **2013 –2017: Bachelor’s Degree in Chemistry**

National and Kapodistrian University of Athens, Department of Chemistry

* DegreeGrade: 7.61/10
* Bachelor’s Thesis: “Combining Organocatalysis with PhotoOrganocatalysis: Synthesis of compounds of high molecular complexity”.

PROFESSIONAL SKILLS

* Organic synthesis and characterization
* NMRspectroscopy
* UV-Vis spectroscopy
* Fluorescence spectroscopy
* HPLC

CONFERENCES/PUBLICATIONS

**Publication**

Combining Organocatalysis with PhotoOrganocatalysis: Photocatalytic Hydroacylation of Asymmetric Organocatalytic Michael Addition Products. Schiza, A., Spiliopoulou, N., Shahu A., Kokotos, C. G.\* *New J. Chem.***2018**, *42*, 18844-18849.

**Conferences**

• 25-29/11/2018: **30th International Symposium on the Chemistry of Natural Products**, Poster Presentation: “Synthetic Routes to 3-Hydroxy Saturated Fatty Acids”, A. Shahu, M. Theodoropoulou, A. Bourboula, G. Kokotos\*and“Asymmetric synthesis of 7-hydroxy saturated fatty acids”. M. Theodoropoulou, A. Shahu, O. Mountanea, G. Kokotos\*.

• 29-31/3/2018: **Bioactive Lipids: From Chemistry to Biology and Medicine**,Poster Presentation: “Asymmetric synthesis of 9-, 7- and 5-fatty acid esters of hydroxy fatty acids (FAHFAs)”,O. Mountanea, D. Limnios, M. Theodoropoulou, A. Shahu, A. Bourboula, G. Kokotos\*.

• 20-22/10/2017: **5th Panhellenic Symposium “Green Chemistry and Sustainable Development”**, Poster Presentation: “Combining OrganocatalysisandPhotoOrganocatalysis for thesynthesis of high added valuecompounds”. A. Shahu, A. Schiza, C. Kokotos.

Awards

**Academy of Athens: George Th. Fotinos Prize** for the research work “Combining organocatalysis with photoorganocatalysis: photocatalytic hydroacylation of asymmetric organocatalytic Michael addition products”, Andriana Schiza, NikoletaSpiliopoulouand AdelajdaShahu.

INTERNSHIP

R&D Intern (Sep.2019) Elpen Pharmaceuticals, Athens

* Assistance in the formulation of products.

LANGUAGES

Greek: Native Speaker

Albanian: Native Speaker

English: IELTS Certificate, CEFR Level **C1** (Overall band score: 8/9)

Cambridge Certificate in English (FCE) ESOL, Level B2.