



Rovshen Atajanov

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Gebze Technical University, Faculty of Science,, Chemistry
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● WORK EXPERIENCE

21/07/2017 – 16/01/2020 – Istanbul, Turkey

RESEARCHER – Marmara University

- Design and synthesis of photodynamically and electrochemically active phthalocyanine (Pc) compounds in close collaboration with different research groups with respect of the application areas.
- Project work with focus on development of new compounds according to industrial requirements.
- Photophysicochemical characterization of Pcs using UV-Visible and fluorescence spectroscopy.

01/04/2019 – 01/09/2019 – Clausthal-Zellerfeld, Germany

CHEMISTRY INTERNSHIP – Technische Universität Clausthal

- Research on the synthesis of carbenes from mesoionic münchnone compounds.
- Identification of synthesized organic compounds using FT-IR, NMR and MALDI-TOF MS.
- Reporting and evaluation of scientific data.

30/01/2020 – CURRENT – Kocaeli, Turkey

PHD STUDENT RESEARCHER – Gebze Technical University

- Synthesis of photosensitive fluorescent BODIPY compounds including polyglycol and sugar units for the application in photodynamic cancer therapy (PDT) as singlet oxygen producing photosensitizers.
- Preparation of graphene oxide composites of the above mentioned compounds.
- Project work financed by TUBITAK (Scientific and Technological Research Council of Turkey) with focus on development of new photosensitizers for PDT in collaboration with other universities.

● EDUCATION AND TRAINING

24/07/2012 – 12/06/2017 – Eğitim mh, Fahrettin Kerim Gökay Cd., Kadıköy, Istanbul, Turkey

Bachelor of Science in Biology – Marmara University

<https://www.marmara.edu.tr/en>

21/07/2017 – 16/01/2020 – Eğitim mh, Fahrettin Kerim Gökay Cd., Kadıköy, İstanbul, Turkey

Master of Science in Organic Chemistry – Marmara University

<https://www.marmara.edu.tr/en>

30/01/2020 – CURRENT – Cumhuriyet, 2254. Sk. No:2, Gebze, Kocaeli, Turkey

Doctor of Philosophy in Chemistry – Gebze Technical University

<http://www.gtu.edu.tr/>

● **LANGUAGE SKILLS**

Mother tongue(s): **TURKMEN**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
TURKISH	C2	C2	C2	C2	C2
ENGLISH	C1	C1	B2	B2	B2
GERMAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Microsoft Office | ChemDraw | Origin Pro | MestReNova | Shimadzu LabSolutions IR
Software | Brucker Daltonik Flex Analysis