CURRICULUM VITAE

PERSONAL

Dr. Meltem Dinleyici

Eastern Mediterranean University

Faculty of Arts and Sciences, Department of Chemistry

Famagusta-North Cyprus / Mersin 10, Turkey

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PRIVATE ADDRESS

Site Sok., Karakol, Famagusta-North Cyprus / Mersin 10, Turkey

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NATIONALITY

Turkish TRNC

DATE AND PLACE OF BIRTH

09.10.1991 Famagusta-CYPRUS

MARITAL STATUS

Married

LANGUAGES SPOKEN

Turkish and English

ACADEMIC BACKGROUND

Degree Obtained or Academic status	Department/Branch	University	CGPA	Period
B.Sc. 1st Degree	Chemistry	Cukurova Univ. (Turkey)	3.28	2009-2013
	Pedagogical formation	Eastern Mediterranean Univ. (N.Cyprus	3.44	2013-2015
Ms.Sc.	Chem./Org. Chem.	Eastern Mediterranean Univ. (N.Cyprus)	3.96	2013-2015
Ph.D.	Chem./Org. Chem.	Eastern Mediterranean Univ. (N.Cyprus)	3.96	2015-2021

TEACHING & WORKING EXPERIENCE

1) Dr. Burhan Nalbantoğlu Governmental Hospital **2012**

Summer Trainer in Biochemistry Laboratory

2) EMU Faculty of Arts & Sciences **2013-2021**

Chemistry Department

Research and Teaching Assistant

General Chemistry; Faculty of Engineering, Faculty of Health and Department of Microbiology and Genetics (English and Turkish).

Organic Chemistry I and II; Faculty of Pharmacy, Faculty of Dentistry, Faculty of Health and Department of Microbiology and Genetics (English and Turkish).

3) EMU Faculty of Arts & Sciences **2018-2020**

Chemistry Department

Research and Teaching Assistant Coordinator

4) EMU Faculty of Arts & Sciences **2021-present**

Chemistry Department
Senior Instructor

Ms.Sc. Thesis on:

A Novel Perylene Polymer Based on the 1,3,5-Triazines. Eastern Mediterranean University, Famagusta, Cyprus, 2015.

Supervisor: Prof. Dr. Huriye Icil (Eastern Mediterranean University)

Ph.D. Thesis on:

Perylene-Based Metal Complexes: Their Synthesis, Electrochemical, Photovoltaic Properties and Efficient Dye Sensitized Solar Cells. Eastern Mediterranean University, Famagusta, Cyprus, 2021.

Supervisor: Prof. Dr. Huriye Icil (Eastern Mediterranean University)

SPECIALIZATION

(I) Main field ORGANIC CHEMISTRY
(II) Other field PHOTOORGANIC CHEMISTRY
(III) Research interests
PHOTOCHEMISTRY
SOLAR CHEMISTRY
DYE CHEMISTRY CATALYSIS
CONDUCTING POLYMERS
ENERGY TECHNOLOGY

PUBLICATIONS

1) Basma Al-Khateeb, Meltem Dinleyici, Arwa Abourajab, Cansu Kök, Jagadeesh B.Bodapati, Duygu Uzun, Sermet Koyuncu, Huriye Icil

   Swallow tail bay-substituted novel perylene bisimides: Synthesis, characterization, photophysical and electrochemical properties and DFT studies

   Journal of Photochemistry and Photobiology A: Chemistry, 393 (2020)

2) Meltem Dinleyici, Basma Al-Khateeb, Arwa Abourajab, Duygu Uzun, Sermet Koyuncu, Huriye Icil

   Synthesis, photophysical, electrochemical and DFT studies of two novel triazine-based perylene dye molecules

   Journal of Photochemistry and Photobiology A: Chemistry, 421 (2021)

3) Rebwar Saeed M. Rashid, Selin Temurlu, Arwa Abourajab, Pelin Karsili, Meltem Dinleyici, Basma Al-Khateeb, Huriye İcil

Drug repurposing of FDA compounds against α-glucosidase for the treatment of type 2 diabetes: Insights from molecular docking and molecular dynamics simulations

Pharmaceuticals, 16, 555 (2023)

4) Ilke Yucekan, Meltem Dinleyici, Selin Temurlu, Rebwar Rashid, Jagadeesh B. Bodapati, Basma Al-Khateeb, Arwa Abourajab, Pelin Karsili, Sinem Altınısık, Sermet Koyuncu, Huriye Icil

Synthesis, photophysical, electrochemical and morphological properties of a novel cross-linked chitosan-based fluorescent polymer: A fluorescence sensor for single-stranded DNA

European Polymer Journal 196 (2023) 112306

5) Arwa Abourajab, S Melika Mostafanejad, Meltem Dinleyici, Basma Al-Khateeb, Imge Kunter, Sukru Tuzmen and Huriye Icil

Synthesis, characterization, anti-cancer evaluation, and DNA-binding study of new bay-substituted perylene derivatives

J Biol Med 7(1): 031-043

6) Selin Temurlu, Mosab AA Abureesh, Arwa Abourajab, Pelin Karsili, Meltem Dinleyici, Sinem Altınışık, Sermet Koyuncu, Huriye Icil

Grafting of perylene and naphthalene fluorophores onto chitosan for improved thermal, optical and electrical properties

Macromolecular Research

CONGRESS PRESENTATIONS (INTERNATIONAL)

1) M. Mostafanejad , S. Kirkinci, S, Temurlu, K. Shukur, M. Dinleyici, B. A.Khateeb, J. B. Bodapati, D. Uzun and **Huriye ICIL**

   Novel Organic Light Emitting Dyes

   2016 Advanced Energy Conference, Jacob Javits Convention Center, New York City (USA), April **2016**.

2) Basma A.Khateeb, Meltem Dinleyici, J. B. Bodapati, Duygu Uzun and **Huriye ICIL**

   Novel Bay Substituted Perylene Dyes for Solar Cells

   2019 International Natural Science Engineering and material Techonologies Conference,

   Istanbul (Turkey)

3) Meltem Dinleyici, Basma A.Khateeb, Duygu Uzun and **Huriye ICIL**

   A Novel Perylene Polymer and Monomer Based on the 1,3,5–Triazines

   2019 International Natural Science Engineering and material Techonologies Conference,

   Istanbul (Turkey)

4) Basma A.Khateeb, Meltem Dinleyici, Duygu Uzun and **Huriye ICIL**

   Synthesis, characterization and Optical Properties of a Bay-Functionalized Perylene

   Dyes

   2019 International Natural Science Engineering and material Techonologies Conference,

   Istanbul (Turkey)

5) M DİNLEYİCİ, H İCİL

   Perylene-Based Metal Complexes: Their Synthesis, Photovoltaic Properties and Efficient Dye-Sensitized Solar Cells

   2022 International Conference on New Trends in Chemistry, Famagusta (TRNC)

6) M DİNLEYİCİ, H İCİL

   Synthesis and Characterization of Novel Bay Substituted Perylene Dyes

   2022 International Conference on New Trends in Chemistry, Famagusta (TRNC)

7) M Dinleyici, H İcil

Synthesis, Photophysical, Electrochemical and Morphological Properties of a Novel Chitosan-Based Fluorescent Polymer

NEM 2023 ABSTRACT BOOK

COURSES TAUGHT

Academic Year	Semester	Course Tittle/Course Code	Hours per Week		Number of Students
			Theory	Application	
2020-2021	**Fall**	Organic Chemistry I (Organik Kimya I) / CHEM243 (Undergraduate – in English)	**4**	**1**	**34**
		Organic Chemistry II (Organik Kimya II) / CHEM244 (Undergraduate – in English)	**4**	**1**	**6**
		Organic Chemistry (Organik Kimya) / KIMY104 (Undergraduate – in Turkish)	**3**	**1**	**11**
		Fundamentals of Chemistry (Temel Kimya) / KIMY103 (Undergraduate – in Turkish)	**3**	**1**	**38**
	Spring	Organic Chemistry I (Organik Kimya I) / CHEM243 (Undergraduate – in English)	**4**	**1**	**28**
		Organic Chemistry II (Organik Kimya II) / CHEM244 (Undergraduate – in English)	**4**	**1**	**32**
		Organic Chemistry (Organik Kimya) / KIMY104 (Undergraduate – in Turkish)	**3**	**1**	**35**
		Biochemistry I (Biyokimya I) / CHEM119 (Undergraduate – in English)	**3**	**0**	**17**
2022-2023	**Fall**	Organic Chemistry I (Organik Kimya I) / CHEM243 (Undergraduate – in English)	**4**	**1**	**32**

		Group 01			
		Organic Chemistry I (Organik Kimya I) / CHEM243 (Undergraduate – in English) Group 03	**4**	**1**	**27**
		Biochemistry I (Biyokimya I) / CHEM119 (Undergraduate – in English)	**3**	**0**	**27**
		Fundamentals of Chemistry (Temel Kimya) / KIMY103 (Undergraduate – in Turkish)	**3**	**1**	**32**
		Fundamentals of Chemistry (Temel Kimya) / KIMY109 (Undergraduate – in Turkish)	**3**	**1**	**29**
2022-2023	**Spring**	Organic Chemistry I (Organik Kimya I) / CHEM243 (Undergraduate – in English) Group 01	**4**	**1**	**57**
		Organic Chemistry II (Organik Kimya II) / CHEM244 (Undergraduate – in English)	**4**	**1**	**25**
		Organic Chemistry (Organik Kimya) / KIMY104 (Undergraduate – in Turkish)	**3**	**1**	**45**
		Organic Chemistry (Organik Kimya) / CHEM104 (Undergraduate – in English)	**3**	**1**	**35**
		Organic Chemistry (Organik Kimya) / CHEM106 (Undergraduate – in English)	**4**	**1**	**24**
2023-2024	**Fall**	Organic Chemistry I (Organik Kimya I) / CHEM243 (Undergraduate – in English) Group 01	**4**	**1**	**49**
		Biochemistry I (Biyokimya I) / CHEM119 (Undergraduate – in English)	**3**	**0**	**43**

		Fundamentals of Chemistry (Temel Kimya) / KIMY103 (Undergraduate – in Turkish)	**3**	**1**	**66**
		Fundamentals of Chemistry (Temel Kimya) / KIMY109 (Undergraduate – in Turkish)	**3**	**1**	**77**
		Fundamentals of Chemistry (Temel Kimya) / CHEM103 (Undergraduate – in English)	**3**	**1**	**36**