



Res.Asst. Ayşegül İNAM

CONTACT INFORMATION

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EDUCATION

Degree	University	Department/Program	Years
Ph.D.	Ege University	Department of Bioengineering	2018 -
Master	Ege University	Department of Bioengineering	2015 - 2018
B.Sc.	Ege University	Department of Bioengineering	2010 - 2015

RESEARCH INTERESTS

1	Green Chemistry
2	Nanobiotechnology
3	Membrane separation systems
4	Photobioreactor design in bioprocess engineering
5	Production and harvesting of microalgae
6	Bacterial cellulose production and purification

THESIS

Master	Design of a Building Integrable Photobioreactor and Investigation of its Interaction with the Building in Laboratory Scale
B.Sc.	Production of Mesh Based on Bacterial Cellulose for Medical Use

EXPERIENCE

Title	University	Position/Research Topics	Years
Research Assistant	Manisa Celal Bayar University	Bioengineering	2018 –

PROJECTS

1	Manisa Celal Bayar University Scientific Research Project Office, Fast Support Project, “Determination of cytotoxic, antibacterial and antiviral properties of titanium nanoparticles (Ti-NP) produced using <i>Vitex agnus-castus</i> L.(chasteberry)” Project Number: 2022-067, Researcher, 2022-2023
2	TUBITAK 4007, Manisa Bilim Şenliği, “Yeşil Algleri Tanıyalım”, Workshop guide, May 2022
3	Manisa Celal Bayar University Scientific Research Project Office, Scientific Meeting Support Project, “Bioeconomy Workshop for a Sustainable and Livable World” Project Number: 2021-108, Researcher, 2021-2022
4	Ege University Scientific Research Projects Coordination, General Research Project, “Synthesis of Biogenic Nanoparticles from Seagrass Wastes Extracted Using Deep Eutectic Solvent and Characterization of These Nanoparticles-Investigation of Potential Applications”, Project Number: FGA-2021-23345, Researcher, 2021-2023
5	TUBITAK Project of KONNECT, “Investigation of Potential Bioactive Molecules from Microalgae and Investigation of Gene Regulations (Algactive) ” Scholar, 2017-2018
6	TUBITAK 2241-A (2209-B) Industry Oriented Undergraduate Thesis Project, “Production of Mesh Based on Bacterial Cellulose for Medical Use”, Project joint principal investigator, 2014-2015

PROFESSIONAL DEVELOPMENT

1	“Manisa Celal Bayar Üniversitesi 30. Yıl Biyomühendislik Etkinlikleri”, Manisa Celal Bayar University, 17 May 2022, (Organization Committee Member)
2	“Bioeconomy Workshop for a Sustainable and Livable World”, 30 November 2021-01 December 2021 (Scientific Secretariat and Organization Committee Member)
3	“TURKEY-UK International Workshop No1: Biobased Approaches On Renewable Energy Technologies”, Ege University, Department of Bioengineering, April 2017 (Organizer and Participation)
4	Internship at Bayer Turkish Chemistry Industrial Limited Company, Istanbul, August 2014
5	Research Experience Certificate, Ege University Faculty of Engineering, Department of Bioengineering, Summer 2013

PUBLICATIONS (SCI & SCI-EXPANDED)

1	Inam, A. , Oncel, S.S., Photobioreactors as potential tools for environmentally friendly and sustainable buildings, International Journal of Environmental Science and Technology, 2022, 19 (4): 2353-2364
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BOOK CHAPTERS

1	Inam A. , Mutaf T., Deniz I., Sustainable biorefineries for circular bioeconomy, In: Biomass, Biofuels, Biochemicals: Circular Bioeconomy: Technologies for Biofuels and Biochemicals, Editors: Sunita Varjani, Ashok Pandey, Thallada Bhaskar, S.Venkata Mohan, Daniel C.W. Tsang, Elsevier, 2022, pp 3-28, ISBN:9780323910460
2	Inam A. , Taymaz E.R., Uslu, M.E., Binay, B., Deniz Can, I., Volumetric Mass Transfer Coefficient Measurement in a Stirred Tank Reactor, In: Bioreactors in Stem Cell Biology: Methods and Protocols, Methods in Molecular Biology, Editor: Kursad Turksen, Springer, 2022, 2436:17-25, ISBN:978-1-0716-2018-2, DOI: 10.1007/7651_2021_415.

PRESENTATIONS PRESENTED AT INTERNATIONAL MEETINGS

1	7th Global Conference on Global Warming, Hotel Wyndham Grand İzmir Özdilek, June 2018 (Oral Presentation)
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PRESENTATIONS PRESENTED AT NATIONAL MEETINGS

1	12. Bioengineering Days, Ege University Faculty of Engineering, Department of Bioengineering, May 2015 (Poster Presentation)
2	2. Symposium of Algal Technology, Seferihisar/Izmir, May 2016 (Poster Presentation)

UPDATED

30.05.2022