

ESEN EFEOĞLU



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Date of Birth : 29.07.1987

E-mail: esenefeoglu@gmail.com

Education :

Master in Science :

2010-... Yeditepe University

Institute of Science, Master in Biotechnology

University:

2006-2010 Ege University

Faculty of Science, Biochemistry – GPA: 3.14/4.00

Experiences :

2007-2008 Ege University , Faculty of Science, Organic Chemistry Research Lab.

2008 Summer İstanbul University DETAE Molecular Medicine Research Lab.

2008-2010 Ege University, Faculty of Science, Biotechnology Research Lab.

Seminer and Congress :

- **23–24.02.2008** TS EN ISO 22000 Tehlike Analizi ve Kritik Noktaları
- **15-18.06.2010** 6. NanoTr, poster presentation.(Electrospinning of Chitosan-PHBV)
- **26.06.2011** Nanotp Workshop: Vibrational spectroscopy in nanotechnologj, poster presentation
- **28.06.2011** NanoTr 7, poster presentation (Preparation of a Gold Nanoparticle Based Controlled Release Nanocarrier)

Teaching experience :

Teaching assistant, GBE 215 Analytical Chemistry Laboratory

Teaching assistant GBE 301 Biochemistry Laboratory

Research Experience :

TUBITAK funded Project, “Yüzeyde Zenginleştirilmiş Raman Saçılmasına ve Protein Denatürasyon Profiline Dayalı İşaretleyici Molekül Kullanmadan Çoklu Protein Tanı ve Tayini”, Nanobiotechnology Laboratory, Yeditepe University

Preparation of a Gold Nanoparticle Based Controlled Release Nanocarrier, Nanobiotechnology Laboratory, Yeditepe University

The Production of Chitosan-Based Nanofibers with Electrospinning Method, Biotechnology Research Lab. , Ege University

Research and technical skills :

- Nanoparticle Synthesis and Modification
- Electrospinning
- Spin- coating
- AFM, Raman Spectroscopy, SEM
- Zeta-sizer, UV/Vis spectroscopy
- DNA and RNA isolation
- Gel Electrophoresis
- PCR
- Cell Culture Techniques
- MTS, MTT, WST1 assay
- Basic techniques in Biochemistry and molecular biology
- Bioreactor
- Microbial Culture Techniques

Computer : Microsoft Office