

Ekin YURDAKUL

Ph.D. Candidate

Thesis Advisor: Prof. Kutlu Ülgen

Thesis Co-Advisor: Prof. Yaman Barlas

CONTACT DETAILS

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EDUCATION

2018 – Current **Bogazici University - Chemical Engineering (Ph.D. Candidate)**

Working on: *Dynamic modelling and analysis of circadian rhythm disorder and its connection to diseases*

Advisor: *Prof. Kutlu Ulgen (Dept. of Chemical Eng. Bogazici Uni.)*

Co-Advisor: *Prof. Yaman Barlas (Dept. of Industrial Eng. Bogazici Uni.)*

2017 – 2021 **Istanbul Ticaret University – Law (B.Sc.)**

100% Scholarship Student

2016 – 2018 **Bogazici University – Chemical Engineering (M.Sc.)**

Thesis: *A microfluidic study on the regulation of ribosome biogenesis in Saccharomyces Cerevisiae*

Advisor: *Prof. Kutlu Ülgen (Dept. of Chemical Eng. Bogazici Uni.)*

Co-Advisor: *Prof. Şenol Mutlu (Dept. of Electrical & Electronics Eng. Bogazici Uni.)*

2011 – 2016 **Bogazici University – Chemical Engineering (B.Sc.)**

RESEARCH INTERESTS

Protein – Protein Interactions

Microfluidic Devices

System dynamics

PUBLICATION

E Gencturk, E Yurdakul, AY Celik, S Mutlu, KO Ulgen (2020). Cell trapping microfluidic chip made of Cyclo olefin polymer enabling two concurrent cell biology experiments with long term durability. Biomedical microdevices, 22(1), 1-12.

CONFERENCE

Elif Gençtürk, Ekin Yurdakul, Ahmet Yasin Çelik, Şenol Mutlu, Kutlu O. Ülgen, “Low-cost thermoplastic microfluidic devices to investigate the ribosome biogenesis and DNA synthesis in yeast”, SELECTBIO Lab-on-a Chip & Microfluidics Europe 2018, Rotterdam/The Netherlands, June 2018.