

Name

E-mail

Ekin Deniz Aksu

aksuekin@gmail.com

Education

09/2014 – today

School of Medicine

Koç University, Istanbul

- GPA: 3.64/4.0
- 62% scholarship, English language of instruction
- Six-year government grant for university education

09/2015 – 06/2017

Minor in Mathematics

Koç University, Istanbul

- Calculus, real analysis I & II, group theory, linear algebra, statistics, probability theory

09/2009 – 06/2014

High School

Istanbul High School (*Istanbuler Gymnasium*), Istanbul

- Average grade: 94.38/100
- German *Abitur* grade: 1.4 (1.0 being highest)
- 34th place in the Nationwide University Placement Exam Second Step (LYS) – among 1 million students

09/2004 – 06/2009

Elementary School

BJK Koleji, Istanbul

- Grade: 99.17/100

09/2001 – 06/2004

Eyüboğlu Koleji, Istanbul

Research

08/2017 – today

Infectious Diseases and Microbiology Group

Under supervision of Önder Ergönül, MD, MPH. Koç University.

- Statistical descriptions, tests and visualization with R

02/2015 – 08/2017

Stem Cell Laboratory

Under supervision of Tamer Önder, PhD. Koç University.

- Identifying novel miRNAs affecting breast cancer mortality (lead researcher)
- Role of chromatin modifiers on iPSC generation

Scientific Work

2019

Article

Vitamin D Status Across Age Groups in Turkey: Results of 108742 Samples from a Private Laboratory. Gül Yeşiltepe Mutlu, Ekin Deniz Aksu, Abdullah Bereket, Şükrü Hatun. Journal of Clinical Research in Pediatric Endocrinology. 2019. (*in print*)

2019

Oral Presentation & Article

ECCMID 2019, Amsterdam. Presented by Ozlem Dogan.

- Predictors of Fatality among the patients with Candidemia caused by different *Candida* species and resistance of antifungal agents: a multi-center prospective observational cohort study of the Turkish Fungal Infections Study Group. Ozlem Dogan, ..., Ekin Deniz Aksu, Füsun Can, Önder Ergönül.

2019	Poster Presentation & Article ECCMID 2019, Amsterdam. <i>Presented by Mahir Kapmaz.</i> <ul style="list-style-type: none"> Antibiotic De-escalation Opportunities and Predictors of Fatality in Gram-Negative Blood Stream Infections in Turkey. Mahir Kapmaz, ..., Ekin Deniz Aksu, ..., Önder Ergönül.
2018	CRISPR Knockout Workshop Koç University <ul style="list-style-type: none"> Organized and held an interactive workshop on the basics of CRISPR, guide-RNA design and PCR primer design for T7E assay 200 participants attended from different universities across Turkey
2017	Oral Presentation KUSOM Research Symposium, Koç University <ul style="list-style-type: none"> MiR-660 and miR-324 are potential markers for breast cancer mortality. Ekin Deniz Aksu, Mehmet Gönen, Tamer Önder.
2016	Oral Presentation KUSOM Research Symposium, Koç University ASM Microbe, Boston. <i>Presented by Poyraz Düzgün.</i> <ul style="list-style-type: none"> Health and Healthcare Determinants of Antibiotic Resistance in OECD Countries. Salih Karahan, Poyraz Düzgün, Ekin Deniz Aksu, ..., Önder Ergönül.
2015	Poster Presentation KUSOM Research Symposium, Koç University <ul style="list-style-type: none"> How to design and optimize PCR primers to detect CRISPR/Cas induced genome cleavage. Ekin Deniz Aksu, Can Aztekin, Tamer Önder.
2015	Oral Presentation 2 nd International Congress on Stem Cell and Cellular Therapies, Antalya. <i>Presented by Can Aztekin.</i> <ul style="list-style-type: none"> Systematic Investigation of Chromatin Modifiers in iPSC Generation by using a focused CRISPR-Cas9 Knock-Out Library. Can Aztekin, ... Ekin Deniz Aksu, ... Tugba Bagci-Onder, Nathan Lack, Tamer Önder.
Other Skills	
Languages	Turkish – native English – full proficiency German – full proficiency (C2 level) French – beginner
Memberships	President of KU Medical Research Community (KUMRC) 2017-2018, Member of KU Science Society, KU Fantasy Role Playing Club, KU Philosophy Society & IELMUN (earlier)
Programming & Software	Python, R, Photoshop, Illustrator, MS Office, Git, touch typing
Lab Methods	CRISPR/Cas9 knockout, cell culture, gene cloning to plasmid vectors, PCR, qRT-PCR, DNA/RNA isolation, viral packaging, transformation, transfection, T7 endonuclease assay, flow cytometry
Other Interests	Early modern European history, science-fiction, cooking, chess, graphic design