



I. BIOINFORMATICS SUMMIT

**OCT
24TH 2025**

AT 10 AM

**HALIÇ UNIVERSITY
CONFERENCE HALL**





I. BIOINFORMATICS SUMMIT

OCTOBER 24 - EVENT SCHEDULE

10:30 - 11:00 OPENING SPEECHES

ASST. PROF. DR. ASLI KUTLU

11:00 - 11:40

"INVESTIGATING THE STRUCTURAL EFFECTS OF MISSENSE VARIANTS IN USP7 WITHIN SELECTED SOLID TUMORS FROM THE MDM2-P53 COORDINATION PERSPECTIVE: MD SIMULATIONS AND DOCKING STUDIES"

ASST. PROF. DR. NURAY SÖĞÜNMEZ ERDOĞAN

11:50 - 12:30

"DECODING CELLULAR SPATIAL PROFILES THROUGH SPARSE REGRESSION FOR PRECISION MAPPING"

ASST. PROF. DR. FATMA ECE ALTINIŞIK KAYA

12:40 - 13:20

"FROM CULTURES TO CODE: EXPLORING THE POWER OF COMPUTATIONAL TOOLS IN MODERN BIOENGINEERING"

ASSOC. PROF. DR. SALIHA ECE ACUNER ZORLUUYSAL

14:00 - 14:40

"SELECTIVE GLUCOSYLTRANSFERASE ACTIVITY OF CLOSTRIDIAL TOXIN B ON HOST'S GDP-BOUND RHO GTPASES"

ASSOC. PROF. DR. SEFER BADAY

14:50 - 15:30

"DESIGNING INHIBITORY PEPTIDE MOLECULES WITH ARTIFICIAL INTELLIGENCE"

