



Asst. Prof. SERKAN KIR

Molecular Biology and Genetics

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AFFILIATIONS

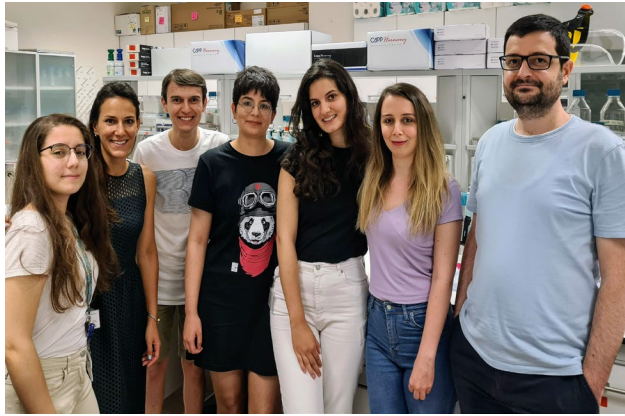
- Principal Investigator, Metabolism and Cancer Research Laboratory
- KUTTAM, Research Center for Translational Medicine

RESEARCH AREAS

Cancer cachexia, skeletal muscle atrophy, adipose tissue metabolism, cytokine signaling, energy metabolism, circadian clock, muscle fiber hypertrophy

HIGHLIGHTS

- Projects supported by NIH, TÜBİTAK, EMBO
- 13+ refereed publications at Q1 journals including Nature and Science
- National Leader Researcher (TÜBİTAK), 2021
- EMBO Installation Grantee, 2019

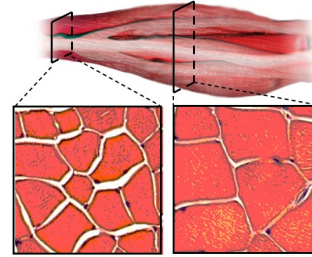


RESEARCH AREAS

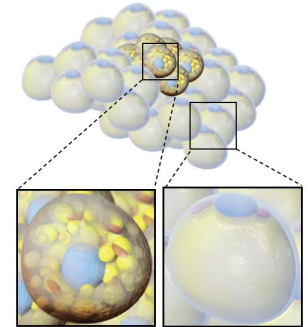
Cancer



Muscle Atrophy

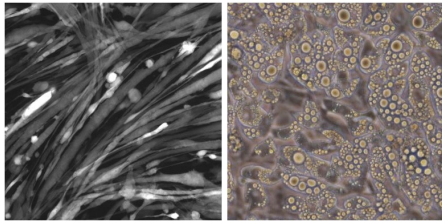


Adipose Tissue Metabolism



MULTIDISCIPLINARY APPROACH

in vitro



Muscle cells

Adipose cells

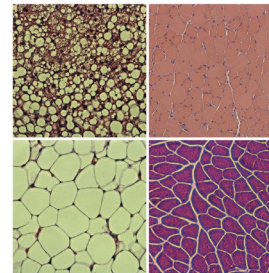
in vivo



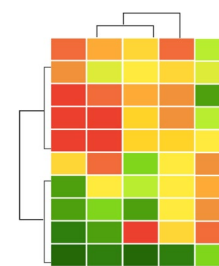
Transgenic mice

Tumor models

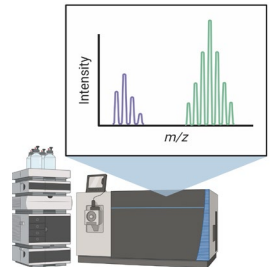
in silico



Tissue analysis



RNA sequencing



Mass spectrometry