

Omer Acar

Curriculum Vitae

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Last Updated: July 17, 2019

Education

2017– **Ph.D., Computational Biology**, *University of Pittsburgh*, Pittsburgh, PA.
Present

2017 **B.Sc., Materials Science and Engineering**, *Sabanci University*, Istanbul, Turkey.

Experience

2018– **Anne-Ruxandra Carvunis Laboratory**, *University of Pittsburgh*, Pittsburgh, PA,
Present Graduate Research Assistant.

Projects:

- Analyzing large yeast genetic interaction dataset using evolutionary and network theory approaches.
- Developing “*SynalR*” package to analyze syntenic regions of ORFs and their evolution (github.com/oacar/synal)

Research Training

2017–2018 **Research Rotations**, *University of Pittsburgh*, Pittsburgh, PA.

Worked in Profs. Carlos J. Camacho, David Koes, and Anne-Ruxandra Carvunis’ laboratories

2013–2017 **MIDSTLAB**, *Sabanci University*, Istanbul, Turkey.

Understanding self-assembly of lipidoids through structural modelling using molecular dynamics methods

Computer Skills

R, Python, SQL, C++