

# The Zilberzwige Tal Lab

## Architectures of Bacterial Immunity

We explore how RNA and proteins interact to orchestrate bacterial defense systems  
from single cells to communities

### **The Language of RNA and Proteins**

Decoding how RNAs and proteins interact to govern cellular fate.

### **From Single Cells to Communities**

Revealing how bacteria coordinate defenses and collective behaviors.

### **Re-Engineering Nature**

Designing RNA circuits and virus-like particles that sense and respond.

## We are recruiting!

The Zilberzwige Tal Lab is seeking a Postdoctoral Researcher to drive discovery efforts across extensive genomic datasets. This position focuses on comparative genomics, high-throughput data mining, and the development or application of computational approaches, including language-model-based methods, to study bacterial immunity, regulatory architectures, and genome organization.

Please send a CV and a short cover letter to:

[Shaiz@weizmann.ac.il](mailto:Shaiz@weizmann.ac.il)

