



# The Department of Molecular, Cellular and Developmental Biology Seminar Series Presents



## **Murat Acar**

*Associate Professor of Molecular,  
Cellular and Developmental Biology;  
Systems Biology Institute  
Yale University*

**“Systems Biology of single-cell aging: from gene expression and noise dynamics to lifespan extension”**

Trained as a physicist (Ph.D., Physics, M.I.T., 2007; B.S., Physics, Bogazici University, 2000), Dr. Murat Acar is a Systems Biologist who combines experimental and computational approaches in his research using yeast as a model organism. Dr. Acar is an Associate Professor at the Department of Molecular Cellular & Developmental Biology at Yale and he is a member of the Yale Systems Biology Institute. Dr. Acar started his faculty position at Yale as an Assistant Professor in January 2012 after a postdoctoral position at CalTech. His PhD and postdoctoral studies focused on understanding structure-function relationships in gene networks while his current research efforts are focusing on understanding aging and lifespan determinants at the single-cell level.

**Monday, October 21, 2019**

**Bass Center 305**

**266 Prospect Street, New Haven**

**11:45am Tea 12:00pm Seminar**

**Hosted by: Vivian Irish**

*Sponsored by the Mrs. Hepsa Ely Silliman Memorial Fund*

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