

INVITED SPEAKERS

<u>LAST NAME</u>	<u>FIRST NAME</u>	<u>ABSTRACT TITLE</u>
BALABAN	NATHALIE	“Evolution of antibiotic resistance under treatment: from <i>in-vitro</i> insight to the clinic and back”
BROEDERSZ	CHASE	“Dynamics of confined cell migration”
DUNLOP	MARY	“Dynamics, noise, and antibiotic resistance in single Cells”
ELEZ	MARINA	“Mutation dynamics and fitness effects followed in single cells”
FINLEY	STACEY	“Multiscale model predicts dynamics of metabolic reprogramming in tumor spheroids”
GARTNER	ZEV	“Building tissues to understand how tissue build themselves”
HORMOZ	SAHAND	“What can single-cell profiling tell us about blood cancers?”
JACOBS-WAGNER	CHRISTINE	“Together is better than alone: Modulating transcription elongation efficiency through RNA polymerase group dynamics”
KIM	MINSU	“Stochastic nature of bacterial eradication using antibiotics”
MCCLEAN	MEGAN	“Single-cell measurement and control to unravel yeast gene expression heterogeneity”
NAKAGAKI	TOSHIYUKI	“Transparent network in living systems by current-reinforcement rule”
NEMENMAN	ILYA	“Automated, predictive, and interpretable inference of phenomenological models of biological dynamics”
PATIL	KIRAN	“Model-guided evolution of microbial species and communities”
PILIZOTA	TEUTA	“Single-cell bacterial electrophysiology”
RAJ	ARJUN	“Single cell analysis in cancer”
SPENCER	SABRINA	“Real-time visualization of the inception of drug tolerance in single melanoma cells”
SGRO	ALLYSON	“Identifying the key control parameters driving collective multicellular signaling and pattern formation”
TABOR	JEFF	“Engineering bacterial two-component systems”