

2024 BALO Symposium

Day 1: September 10th, 2024

Time (UTC +1)	Title	Presenter	Chair
2:00 - 2:10pm	Welcome Address	Organizing Committee	-
2:10 - 2:40pm	Keynote Talk	Dr. Robert Mitchell	Janna Wülbern
2:40 – 2:55pm	<i>Halobacteriovorax</i> halts disease progression in critically endangered Caribbean coral	Dr. Lauren Speare	Janna Wülbern
2:55 – 3:10pm	Encapsulated predatory bacteria as bio-control agents against plant soft-rot diseases: from the lab to the field	Dr. Edouard Jurkevitch	Janna Wülbern
3:10 – 3:25pm	Break		
3:25 – 3:40pm	Growth on chitin alters <i>Vibrio cholerae</i> biofilm architecture and susceptibility to <i>Bdellovibrio bacteriovorus</i> predation	Jacob Holt	Dr. Lauren Speare
3:40 – 3:55pm	Changes in <i>E. coli</i> susceptibility to predation by predatory bacteria	Dr. Laura Williams	Dr. Lauren Speare
3:55 – 4:10pm	Resistance evolution in <i>Escherichia coli</i> to repeated attacks of bacterial predator <i>Bdellovibrio bacteriovorus</i> and genetic determinants thereof	Dr. Subham Mridha	Dr. Lauren Speare
4:10 – 4:25pm	Break		
4:25 – 4:55pm	Keynote Talk	Dr. Henry Williams	Dr. Lauren Speare
4:55 – 5:10pm	Presence of <i>Bdellovibrio</i> MYbb2 increases lifespan in <i>C. elegans</i> nematodes by driving microbiota diversity	Janna Wülbern	Dr. Lauren Speare
5:10 – 5:25pm	Order in the classes – relations between Bdellovibrionota species	Dr. Shmuel Pietrokovski	Dr. Lauren Speare
5:25 – 5:40pm	Break		
5:40 – 6:00	Breakout Sessions		

Day 2: September 11th, 2024

Time (UTC +1)	Title	Presenter	Chair
2:00 - 2:10pm	Welcome Address	Organizing Committee	-
2:10 - 2:40pm	Keynote Talk	Dr. Géraldine Laloux	Stella Sultan
2:40 – 2:55pm	In search of prey: polyamine usage by <i>Bdellovibrio</i> as a chemosensory ligand and regulator of bacterial predation	Dr. Laura Hobley	Stella Sultan
2:55 – 3:10pm	Unraveling the chromosome of a predator: a dramatic shift in chromosome organization goes hand in hand with transcriptional changes in <i>Bdellovibrio bacteriovorus</i>	Dr. Renske van Raaphorst	Stella Sultan
3:10 – 3:25pm	Localizing Type IV Pili during the cell cycle of <i>Bdellovibrio bacteriovorus</i>	Coralie Tesseur	Stella Sultan
3:25 – 3:40pm	Break		
3:40 – 3:55pm	Functional amyloid proteins confer defense against predatory bacteria	Dr. Hannah Ledvina	Dr. Kim Summers
3:55 – 4:10pm	Developing Lotka Volterra based models to describe <i>Bdellovibrio</i> predation in a batch and chemostat experimental system.	Dr. Ayo Ogundero	Dr. Kim Summers
4:10 – 4:25pm	Elucidating the mechanisms of epibiotic predation by <i>Bdellovibrio exovorus</i>	Dr. Yoann Santin	Dr. Kim Summers
4:25 – 4:40pm	Break		
4:40 – 4:45pm	Poster Introductions	Organizing Committee	
4:45 – 5:15pm	Poster session		
5:15 – 5:30pm	Closing Address	Organizing Committee	