### **O IMMUNO WEBINAR APRESENTA**

# **DEVELOPMENTAL INTERACTIONS BETWEEN THE MICROBIOME AND THE NERVOUS SYSTEM**

### Oct 5th (Tuesday), 12pm

BS in botany and an MS in Cell and Developmental Biology, both from Utah State University. She has a Ph.D. in neurobiology from Brandeis University, where she worked in the lab of Eve Marder. She was a postdoctoral fellow in neurobiology at Brandeis. Eisen conducts fundamental research in the specification and patterning of the vertebrate nervous system with a focus on developmental interactions between the nervous system, immune system, and host-associated microbiota. More recently she demonstrated requirements for the enteric nervous system to regulate bacterial competition and composition within the intestinal microbiota and how changes in the microbiota positively and negatively impact intestinal health.



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**Organizadores: Paula P. Freire, Letícia G. Pontes and Gustavo P. Amarante-Mendes** 

## **Dr. Judith Eisen**