



Boris Striepen University of Pennsylvania, USA

He studied zoology and botany at the Universities of Bonn and Marburg in Germany. He conducted undergraduate research on liver flukes, and an internship in Burkina Faso studying trypanosomes in cattle. He earned a PhD for work on parasite biochemistry in Marburg, was a postdoc in Philadelphia studying parasite cell biology, and joined the faculty of the Center for Tropical & Emerging Global Diseases at the University of Georgia in 2000 where he rose to the position of Distinguished Research Professor. In 2017 he joined the faculty of the University of Pennsylvania. He is interested in the biology of apicomplexan parasites and studied unique parasite organelles, the mechanism of parasite replication, and the complex evolution of parasite metabolism. Currently his lab is focused on *Cryptosporidium*, a leading cause of mortality and morbidity in young children around the world. His lab pioneered a molecular genetic model for this important infection and leverages it to understand fundamental parasite biology and to drive translational progress.