

Career Bio for Participation as A Panelist In The "Career Odysseys" Session

Cameron Noland¹

¹*Merck*

cameron.noland@merck.com

Cameron Noland is a structural biologist with 10 years of industry experience in structure-based drug design (SBDD) using X-ray crystallography and cryo-electron microscopy (cryo-EM). He earned his B.A. from Carleton College with a major in Neuroscience and a concentration in Biochemistry in 2006. After a brief stint in a fly genetics lab at the NIH, he joined Jennifer Doudna's group at UC Berkeley, where his Ph.D. research focused on elucidating the molecular mechanisms of RNA processing by the RISC Loading Complex in RNAi. After graduate school, Cameron moved directly to industry, joining the Structural Biology department at Genentech in 2013. There, he specialized in membrane protein biochemistry and structural biology, using both X-ray crystallography (including serial femtosecond crystallography) and cryo-EM for SBDD on an array of targets. He has continued his focus on SBDD targeting various protein classes by multiple therapeutic modalities in his current role as an Associate Principal Scientist in the Protein and Structural Chemistry group at Merck.