* Pronouns

He/Him/His

* A mini biography that describes your career and research background

Callum studied for a Masters in Chemical Physics at the University of Edinburgh, which included a one year industrial placement in computational chemistry at Pfizer, Sandwich, UK. He then completed a PhD at Imperial College London studying molecular dynamics of cell membranes and drug-membrane interactions. In 2014 he joined Novartis in Cambridge, MA, as an industrial postdoc before transitioning to full time scientist in 2017, working on early-stage drug discovery projects across a range of targets, including GPCRs. His interests include molecular dynamics, free energy calculations and combining physics-based and machine learning methods as applied to drug discovery.

* The title of your talk

**Targeting GPCRs in computational drug discovery**

* Optional: A brief abstract of your talk if you have one handy

Key concepts regarding GPCRs as a target class will be reviewed, such as pharmacology and structural biology, before shifting focus to application of computational methodology to GPCR drug discovery. The talk will conclude with a short case study covering a GPCR drug discovery project.