

My Cryoem Path to Genentech

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Following a BSc in Biochemistry (2002) and a PhD in structural biology (2007; both from Imperial College London), I became very interested in the methods used for structure determination by cryoEM, and particularly the software involved. After a brief stint as an interim cryoEM facilities manager, I spent the bulk of my postdoctoral years specializing deeply in algorithm and software development for cryoEM image processing (at Imperial College, Brandeis University, and the Janelia Research Campus). Seeing software I'd contributed to help people around the world was very gratifying, as were the collaborations I took part in during those years. Later, in 2016, I joined the then-nascent cryoEM team at Genentech, where my love for collaborative science has served me well. Our team supports fundamental research as well as drug discovery projects and marries deep technological and methodological know-how with a passion for understanding targets across therapeutic areas.