

Alexander Fletcher



Alexander is a Senior Lecturer in the School of Mathematics and Statistics, and a principal investigator within the Neuroscience Institute, Healthy Lifespan Institute, and Insigneo Institute, at the University of Sheffield, UK. His group develops and applies a range of mathematical and computational modelling approaches to understand the formation, dynamics, and evolution of multicellular tissues. Recent applications include the patterning and morphogenesis of epithelia. He is a founding developer of Chaste, a fully tested, open-source software library for multiscale modelling (<https://chaste.github.io>), which has been downloaded >5,000 times by academic and industrial research groups in >50 countries, enabling >150 peer-reviewed scientific papers to date.

