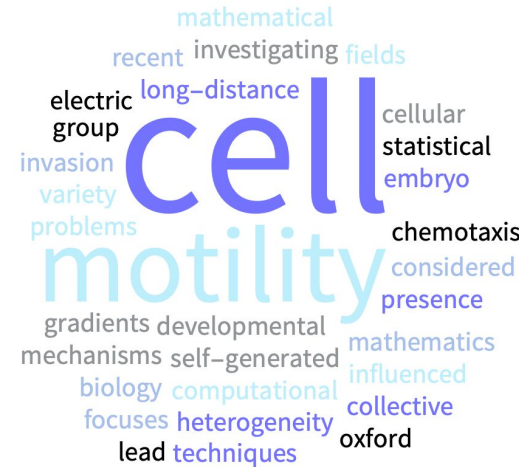


## Ruth Baker



Ruth is Professor of Applied Mathematics at the University of Oxford. Her group focuses on developing and applying new mathematical, computational and statistical techniques for investigating a variety of problems in cell and developmental biology. Recent work has considered the mechanisms by which cell motility is influenced in the presence of electric fields, and how cellular heterogeneity and self-generated chemotaxis gradients lead to collective cell motility and long-distance invasion in the developing embryo.



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