

Professor David Spring

Professor of Chemistry and Chemical Biology
Department of Chemistry, University of Cambridge

College Affiliation: Trinity College

Research Interest Group: Synthetic

For more information, please visit: <http://www-spring.ch.cam.ac.uk>



About Me

I am currently a Professor at the University of Cambridge within the Chemistry Department and a Fellow of Trinity College. I did my undergraduate and graduate studies at the University of Oxford, working on the proposed biosynthesis of the manzamine alkaloids under the supervision of Sir Jack Baldwin. I then moved to Harvard University to work with Stuart Schreiber as a Wellcome Trust Postdoctoral Fellow and Fulbright Scholar. After my postdoc I joined the faculty at the University of Cambridge with a BBSRC David Phillips Fellowship (2001-2006), an EPSRC Advanced Fellowship (2006-2011) and an EPSRC Established Career Fellowship (2012-2017). I was awarded a Lectureship in 2006, and promoted to a Senior Lectureship in 2008, to a Readership in 2011, and to a Professorship in 2013.

My Research Interests

My research interests involve using organic synthesis to make small molecules, which can be utilised to understand and exploit biological systems. Some specific biological applications we are interested in are targeting 1. protein-protein interactions, 2. quorum sensing, and 3. pathogenic bacteria, with small molecules.

Mentoring Support I Can Provide

- Topics included in my research interests above
- Research-related issues: project management/time management
- Other work-related issues: people management/conflict resolution
- Career development and progression: career values, aspirations, training and paths
- Career development and progression: routes to academic careers
- Career development and progression: routes to industry careers
- Work-life balance
- Widening your support network
- Provide motivation, confidence and inspiration

Mentoring Availability and Contact

Please contact me by email to arrange a time to meet: spring@ch.cam.ac.uk