

Kathryn Lilley biography

Kathryn received her PhD in Biochemistry from the University of Sheffield in 1990. After being a laboratory manager at the University of Leicester for eleven years, she established the Cambridge Center for Proteomics, University of Cambridge in 2000. She became the Professor in Cellular Dynamics in Department of Biochemistry University of Cambridge in 2012.

Her research programme aims to create technology to measure the dynamics of the proteome and transcriptome in high throughput in space and time during critical cellular processes. Her group has also contributed many open-source informatics tools to efficiently mine and visualise complex data which is produced by spatiotemporal proteomics studies.

She is a recipient of a Wellcome Trust Investigator Award to investigate the role the site of translation plays on the control of protein intracellular. She is also a partner in EPIC-XS, funded as part of the Horizon 2020 Work programme to develop and provide proteomics technologies across Europe. She has also attracted considerable funding from industry.

Her research group is comprised of 20 postdoctoral researchers and PhD students.

She has published more than 250 peer reviewed papers. In 2017 she was the recipient of the Juan Pablo Albar Proteome Pioneer Award from the European Proteomics Association and in 2018 received the HUPO Distinguished Achievements in Proteomics award. She was elected as a member of EMBO in July 2020.