Dr Filippo Prischi

Senior Lecturer in Molecular Biochemistry
King's College London | Randall Centre for Cell & Molecular Biophysics
filippo.prischi@kcl.ac.uk https://www.kcl.ac.uk/people/filippo-prischi

Employment History

Apr 2023 – present:	**Senior Lecturer in Molecular Biochemistry** King's College London (KCL), Randall Centre for Cell and Molecular Biophysics, School of Basic and Medical Biosciences (London, UK).
Oct 2020 – Mar 2023:	**Senior Lecturer in Biochemistry**
Sep 2019 – Oct 2022:	Director of Student Recruitment & Engagement
Jun 2015 – Oct 2020:	**Lecturer in Biochemistry** University of Essex (UoE), School of Life Sciences (Colchester, UK).
May 2010 – May 2015:	**Postdoctoral Researcher** (Group Leader: Dr Maruf Ali) Department of Life Sciences, Imperial College London (London, UK).

Accreditation & Training

Sep 2021:	**Mental Health First Aider** - Mental Health First Aid (MHFA) England.
Jul 2017:	**Fellow of the Higher Education Academy (FHEA) -** Advance HE.
Nov 2013:	**Executive Education** in **Project Management -** University College London (London, UK).

Education

Oct 2005 – Feb 2010:	**Ph.D. Biochemistry** – Joint project National Institute for Medical Research - MRC (London, UK) & University of Siena (Siena, Italy) – *Supervisor: Professor Annalisa Pastore.*
Nov 2003 – Sep 2005:	**2 years M.Sc. Molecular Biology (110 summa cum laude)** – *Supervisor: Professor Neri Niccolai***.** University of Siena (Siena, Italy).
Sep 2000 – Nov 2003:	**B.Sc. Biological Sciences (110 summa cum laude) –** *Supervisor: Professor Neri Niccolai***.** University of Siena (Siena, Italy).

Grants & Awards

- **King's seed fund follow on call for BBSRC projects with international partners** (Dec 2025 – Mar 2026, £2,000) - Expanding the RNA factory hub at King's College London: Production of RNA for functional and structural applications to support a wide user community. Lead PI: Conte. Co-Is Prischi, Abis.
- **King's seed fund for BBSRC projects with international partners** (Mar 2024 – Jun 2024, £24,700) - Establishing an RNA factory hub at King's College London: Production of RNA for functional and structural applications to support a wide user community. Lead PI: Conte. Co-Is Prischi, Swanson, Nott, Mischo, Giacca, Martinez Nunez, Roeder, Makeyev.
- **King's College Research Infrastructure Fund (RIF)** (2023, £481,284) - Getting up to speed: expanding the state-of-the-art High Performance computing infrastructure at King's for biomedical research. Lead PIs:

Conte, Roeder, Hodgkinson. Co-Applications Prischi, Atherton, Bergholt, Chiappini, Cox, Culley, Dobson, Garnett, Gautel, Grigoriadis, Isaacson, Knight, Lewis, Mahil, Martinez Nunez, Mischo, Padilla-Parra, Simpson, Swanson, Theofilatos, Vigilante, Zelezniak

- **BBSRC 22ALERT** (Aug 2023 – Jul 2024, £383,266.92) – TRICSS high-throughput platform. Lead PI
- **University of Essex Rapid and Agile Project Funding** (Apr–Jun 2022, £49,733.18) – COVID-19 therapeutics. Co-PI
- **French Embassy in London + British Council** (Mar 2022) – UK–France research collaboration on plant stress. Co-I
- **Leverhulme Trust Research Grant** (Apr 2019 – Dec 2022, £286,928.31) – Protein synthesis regulation. Lead PI
- **Atomwise AIMS Award Programme** (Jul 2019, $385,000 nominal) – Androgen Receptor. Co-PI
- **Bicycle Therapeutics** (Oct 2019 – Jun 2021, £15,000) – Structural studies of Nectin 4. PI
- **Apollo Therapeutics** (Aug 2019 – Apr 2021, £50,000) – Inhibitors for lung cancer therapy resistance. PI
- **East Suffolk & North Essex NHS Foundation Trust** (May–Jun 2019, £7,700) – ProteinSafe™. Lead PI
- **Wellcome Trust Seed Award in Science** (Sep 2017 – Aug 2019, £99,825.00) – RSKs and transcription factors in cancer. PI

Leadership in Education & Curriculum Development

2025 – present Education lead of the King's Prize Doctoral Training programme “multiscale RNA networks and pathways (mRNP)”

2025 – present Director MSc/MRes Biotechnology & Computational Biology

2025 – present Admission Tutor MSc/MRes Biotechnology & Computational Biology

2019 – present I’m a member of the PhD examination board for the PhD in Biochemistry and Molecular Biology (BiBiM 2.0) of the University of Siena, and I’ve examined 5 PhD students.

Teaching & Supervision

2025 - present Module Lead “MSc/MRes Research Project” (KCL).

2024 - present Module Lead "Synthetic Biology" (KCL).

2023 - present Lecturer "Protein Structure and Function" (KCL).

2017 – 2022 Module Lead " Protein Bioinformatics" (UoE).

2015 – 2022 Module Lead " Biochemistry of Macromolecules" (UoE).

2005 – 2009 Lecturer “Laboratory of Bioinformatics” (University of Siena).

- I’m supervising 2 MSc and 1 final year BSc students (KCL) and I have supervised to successful completion 1 MSc and 3 final year BS (KCL).
- I have supervised to successful completion 4 PhD, 30 final year BSc, 18 MSc students, 1 Research Technician and 2 Postdoctoral Researchers (UoE).
- I have co-supervised to successful completion 2 PhD and 1 MSc students (University of Siena), and 1 MRes and 1 PhD student (Imperial College London).

Publications

Full list: https://scholar.google.com/citations?user=j8hfZGIAAAAJ&hl=en

Algorithm and Software

DrugSynthMC: https://github.com/fprischi/DrugSynthMC.git
DrugSynthMC.v2: https://github.com/fprischi/DrugSynthMC2.git

Talks & Conferences (last 5 years)

1. Prischi, F. “Phosphorylation-Dependent Remodeling of XIAP IRES by hnRNPA1” Imperial College London, 13 Nov 2025
2. Prischi, F. “Enhanced identification of small molecules binding to hnRNP A1 via in silico hotspot and cryptic pockets mapping coupled with X-Ray fragment screening” South Coast RNA UK meeting, 10th Jan 2025
3. Prischi, F. “Defining RSK and opportunity cancer management”, BMBS PI Retreat, 18th Jul 2024
4. Prischi, F. “The p90 Ribosomal S6 Kinase family promotes prostate cancer progression via androgen receptor activation”. S6 kinases in health and cancer, 9th-11th May 2023.
5. Obomighie, I., Stallard, E., Prischi, F., Bechtold, U. “AtS6K2 regulates antioxidant capacity in response to salt and cold stress” 88th Harden Conference, 31st Oct – 3rd Nov 2022
6. Prischi, F. "Targeting RSK4 prevents both chemoresistance and metastasis in lung and bladder cancer". BCA/BACG Spring Meeting, 29th Mar – 1st Apr 2021

Citizenship & Knowledge Dissemination

Funding Bodies Committee:

Since 2025 Member of the Wellcome Trust’s Early Career Award Interview Panel

Professional Societies Committee:

Since 2021 Deputy-chair of the Biochemical Society Research Area Committee II.

2016 – 2023 Essex branch coordinator of the *Association of Italian Scientists in the UK (AISUK)*

Organisation of Conferences and Seminars:

Jan 2025 Co-organised the South Coast RNA UK 2024 meeting at KCL.

Sep 2024 Co-organised the Biochemical Society Protein Dynamics & Transient Interactions 2024 conference https://doi.org/10.1042/bio_2024_903

Jun 2024 Co-organised the King’s College London Centre for Biomolecular Spectroscopy (CBS) Symposium. https://doi.org/10.1042/bio_2024_892

EDI

- I am a STEM ambassador registered with STEM Learning.
- I am an LGBT+ role model, and I have put effort in my teaching practice and my interactions with staff and colleagues in offering support and championing inclusivity. I believe that visible LGBT+ role model have an active role in creating a truly inclusive workplace and society.
- I’m a trained mentor and I currently have mentees at the University of Siena via the alumni mentoring program.