

# Call for Career Development Award Applicants

## Independent Fellowship Opportunities Section of Structural and Synthetic Biology, Imperial, London

**Are you an early career researcher with an innovative vision for structural biology, synthetic biology, or engineering biology research?**

The [Section of Structural and Synthetic Biology](#) at Imperial College is actively seeking outstanding researchers to establish their independent research programs through prestigious Early Career Awards. We are looking to sponsor and host scientists with exceptional track records who are ready to lead cutting-edge research using structural and/or synthetic and engineering biology in their many forms.

### Who We're Looking For

We welcome applications from early career researchers with an exceptional track record and bold future research vision tackling important and fundamental scientific problems broadly relating to human disease and healthcare. Areas include:

- Structural biology and protein engineering including cryo-EM and cryo-ET
- Synthetic biology and bioengineering approaches
- Engineering biology solutions to biological challenges

We particularly encourage applications from female scientists and those from diverse backgrounds. This opportunity is open to candidates from within the UK and internationally.

### Example Fellowship Schemes We Support Applications To

- [Wellcome Trust Career Development Awards](#)
- [MRC Career Development Award](#)
- [EPSRC Early Career Fellowship](#)
- [UKRI Future Leaders Fellowships](#)
- Other relevant schemes where appropriate

### What We Offer

**Comprehensive Fellowship Support:** We will work intensively with selected candidates to develop highly competitive fellowship applications providing detailed feedback on research proposals, guidance on impact statements, and assistance with financial planning and justification. Candidates invited for interview by funders will receive further tailored support including mock interview preparation.

**Outstanding Research Environment:** Located within the Department of Infectious Disease in the Faculty of Medicine at Imperial College London's South Kensington Campus, successful fellows will benefit from:

Structural biology-related Fellows:

- Advanced structural capabilities through the [Centre For Structural Biology](#)
- Facilities include routine access to:
  - Glacios microscope with Selectris energy filter and Falcon 4 detector
  - Titan Krios with K3 detector
  - CLEM/FIB-SEM suite with Stellaris 5 and Aquilos 2
  - Dedicated GPU processing cluster

Synthetic biology-related Fellows:

- Direct access to world-class facilities through the [Imperial Centre for Engineering Biology](#)
- State-of-the-art resources at [The London BioFoundry](#)

### Application Process

**To Apply:** Please submit the following materials to Dr. Harry Low by emailing them to [k.obercpearce@imperial.ac.uk](mailto:k.obercpearce@imperial.ac.uk) by **Friday 12th September 2025**:

- Brief cover letter explaining your interest in joining our Section
- Research statement (1-2 pages) highlighting past research achievements and outlining future research vision
- CV (maximum 2 pages)

**Selection Process:** Shortlisted candidates will be invited to present their research to Section members and will have opportunities to discuss their research interests and requirements with various faculty before final selection.

### Informal Enquiries Are Welcome

For informal discussions about this opportunity, research fit, or any questions about the application process, please contact Dr. Harry Low: [h.low@imperial.ac.uk](mailto:h.low@imperial.ac.uk) for structural biology or Dr. David Riglar: [d.riglar@imperial.ac.uk](mailto:d.riglar@imperial.ac.uk) for synthetic biology

