

UK Christmas Bioenergetics Meeting, 15th Dec 2025



**BIOCHEMICAL
SOCIETY**

Schedule



10-11	Registration and coffee, poster set up
11:00	Guy Hanke & Conrad Mullineaux: Welcome
11:05	Geraint Parry: plug for ICPR 2026
11:10	Plenary Lecture. Anja Krieger (CEA, Saclay, France) : Redox Regulation of Photosynthetic Electron Transport
12:00-13:30	Lunch + posters
13:30-15:15	Early Afternoon Session. Chair. Melvin Rodriguez Heredia
13:30	Anna Caccamo (Edinburgh): Relocating nuclear photosynthetic genes to the chloroplast in <i>Chlamydomonas reinhardtii</i>
13:45	Hyeryeong Lee (Cambridge): A Versatile Bioconjugation Strategy for Photosystem II Engineering in Cyanobacterial Biohybrids
14:00	Marco Leong (Imperial): Structural and spectroscopic characterisation of chlorophyll f-containing Photosystem II
14:15	Gustaf Degen (Sheffield): Fluorescent biosensors reveal that PGR5 dependent CET is not required for ATP augmentation in chloroplasts
14:30	Angeliki Chatziathanasiou (Imperial): Direct and quantitative evaluation of cyclic electron flow activity
14:45	Emma Chaloner (QMUL): Design and Engineering of Photosystem I/Enzyme Fusions'
15:00	Shaila Satu (QMUL): The importance of FNR-membrane tethering for Photosystem I resilience in barley.
15:15 - 16:00	tea break + Posters
15:45 - 17:15	Late Afternoon Session. Chair Violeta Cordon Preciado
15:45	Felix Morey-Burrows (Sheffield) designer light-harvesters: computational design of de novo biliproteins
16:00	Alexander Sutton-Cook (UEA): Towards Pairing Solar Chemical Production with Central Metabolism of <i>S. oneidensis</i> MR-1
16:15	Alexia Taylor (Bristol): Learning from nature to design de novo transmembrane cytochromes.
16:30	Robert Waddell (Cambridge): A spanner in the works: Using mutagenesis to probe proton pumping in respiratory complex I.
16:45	Simone Morra (Nottingham): A diverse [FeFe]-hydrogenase repertoire supports H ₂ metabolism during dark fermentation
17:00	Nathan Wright , (QMUL): Effects of encapsulation on photoelectrochemistry in cyanobacteria
17:15	Noa Marson (Bristol): Trafficking and regulation of heme in cells.
18:00	Closing Remarks and Award of Prizes
17:30	Drinks, final poster session and departure

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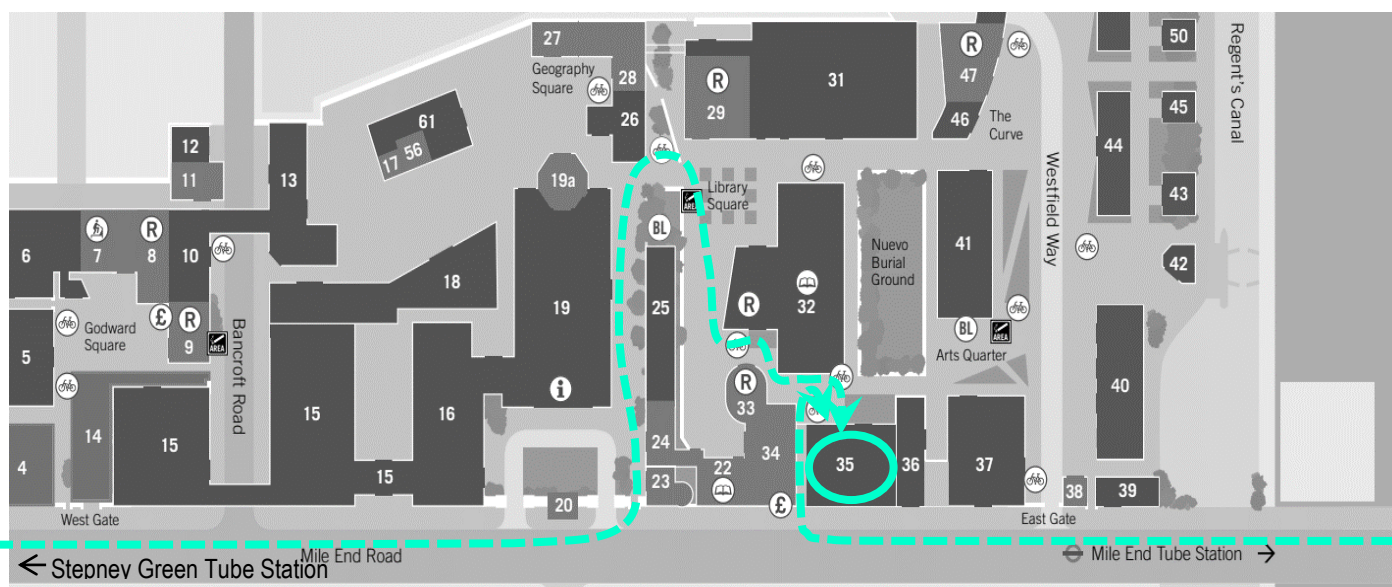


Logistics

Taking Place at **Queen Mary** University of London
in the **Arts 2 Lecture Hall and Foyer!**

Both Stepney Green (Hammersmith and City, District lines)
and Mile End (Hammersmith and City, District and Central lines)
Tube stations will do

Routes to the Arts2 Lecture Hall through QMUL Mile End Campus



As usual, there is no registration fee for the meeting, and the event is sponsored by the Centre for Biodiversity and Sustainability at QMUL, and the Biochemical Society, so refreshments and lunch will be provided. To make sure that we order enough food and drink, we'd be grateful if you could register as soon as possible at the Eventbrite page here

<https://www.eventbrite.com/e/uk-christmas-bioenergetics-meeting-2025-tickets-1975992811692?aff=oddtcreator>

Student members of the Biochemical society are welcome to apply for travel support here
<http://www.biochemistry.org/Grants/StudentBursaries.aspx>

See you soon!