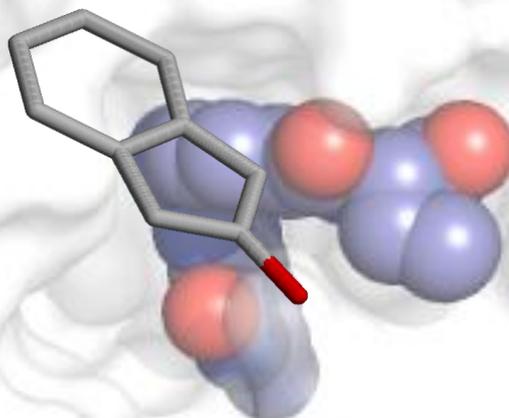


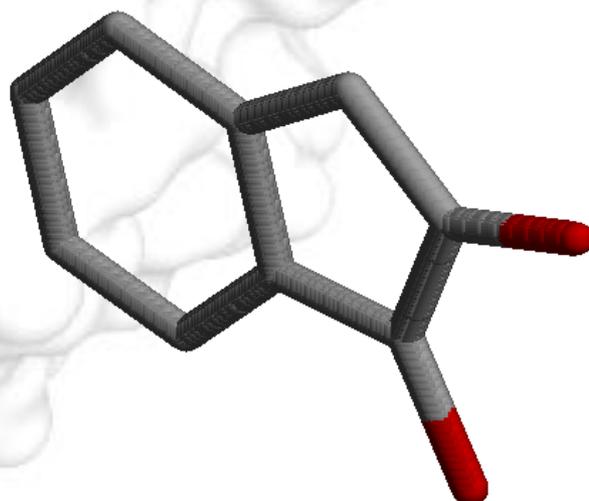
Biotransformations II:

From Science to Industrial Application



24 March 2023

RSC, Burlington House, London, UK



Organised by the RSC Biotechnology Group

PROGRAMME

Biotransformations II: Science to Industrial Application, 24th March 2023, Royal Society of Chemistry at Burlington House, Piccadilly, London, UK.

The RSC Biotechnology Group welcomes you to this exciting one-day symposium, a follow-up to a meeting of the same title run in 2017. This second meeting in the series will highlight recent achievements, future challenges and current trends in the use of biotransformations and biocatalysis in the industrial biotechnology sector. The focus is on the discovery, modification and industrial application of novel enzymes for biocatalysis, as well as analytical and process engineering, synthetic biology, computational biology, biochemistry, microbiology, and chemistry, that are being harnessed to deliver new biocatalysts for the synthesis of chemical products.

Confirmed speakers:

We will also be selecting at least two additional early career speakers from our abstract submissions.

Prof. Don Hilvert: ETH Zurich

High-throughput engineering of biosynthetic assembly lines

Prof. Ross Anderson: Bristol University

Dr. Sarah Barry: Kings College London

Prof. Gideon Grogan: York University

Unspecific Peroxygenases: Expression, Application and Catalytic Promiscuity

Prof. Helen Hailes: University College London

Enzymatic single-step reactions and the construction of biocatalytic cascades

Dr. Holly Reeve: CEO and Co-founder, HydRegen Limited

Biocatalytic hydrogenation: robust biotechnologies for sustainable chemical manufacturing

Agenda

09.30 Coffee & Registration.

10.00 Opening Remarks, Paul Dalby

Session I: *New advances in biocatalysis and biotransformation.* (Chair: Paul Dalby)

12.35 Lunch & Poster Session.

Session II: *Industrial perspectives.* (Chair: Colin Bedford)

15.25 Tea, Posters & Networking.

Session III: Award Lecture (Chair: Paul Race)

16.00 RSC 2022 Felix Franks Biotechnology Medal Lecture

Holly Reeve: CEO and Co-founder, HydRegen Limited, UK

16.50 Closing Remarks - Paul Dalby

Venue

The conference will be held at Burlington House, the Royal Society of Chemistry's Head Office in Central London (<http://www.rsc.org/AboutUs/Contacts/BH.asp>).

Application

Registration for this event is possible online here:

<http://www.homepages.ucl.ac.uk/~ucbepad/RSCbiocatalysis.html>

Posters and Presentation Opportunities

Participants who would like to present their work as a poster are invited to submit an abstract by 17 February 2023. Please send a one-page abstract as an e-mail attachment to Dr Colin Bedford (colin.t.bedford@talktalk.net), using the proforma appended below. Some of these will be selected by the organising committee for short oral presentations.

Posters must be maximum A0 size (84cmx119cm) in portrait. Please arrive 10 mins earlier to put up your posters if you have been accepted to display one.

Organisers

Prof Paul A. Dalby (University College London: p.dalby@ucl.ac.uk), Prof Paul Race (University of Bristol), Dr Stephen Wrigley (Hypha Discovery Ltd), and Dr. Colin Bedford (University College London), under the auspices of the Royal Society of Chemistry Biotechnology Interest Group.

The Biotechnology Group is the focal point within the RSC for members who have an academic or industrial interest in the chemical aspects of biotechnology.

The Group has annually run conferences or symposia on a diverse range of topics, including Biotransformations, Natural Products, Stem Cell Therapies, Neurological Disorders, Proteomics, and Glycomics.

Further information:

For more information about the Group, please feel free to contact the Chairman, Professor Paul Dalby (p.dalby@ucl.ac.uk), or the Secretary, Dr Colin Bedford (colin.t.bedford@talktalk.net).

Venue:

Royal Society of Chemistry at Burlington House, Piccadilly, London W1J 0BA

Tel: +44 (0)20 7437 8656

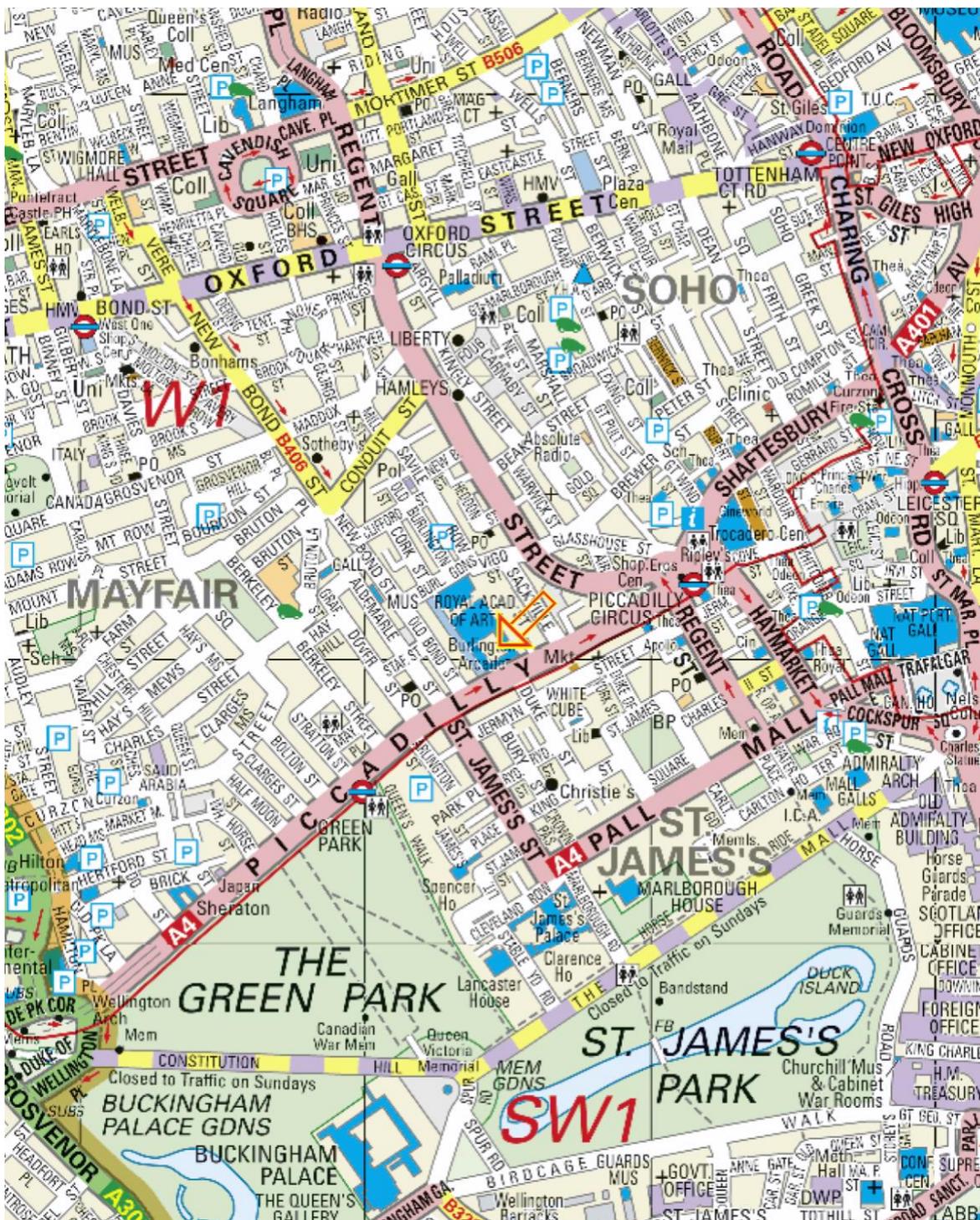
Burlington House is on the north side of Piccadilly midway between Piccadilly Circus and Green Park underground stations, opposite Fortnum and Mason.

Burlington House surrounds a large courtyard which also houses The Royal Academy; after entering the gates you will find the Royal Society of Chemistry at the top right-hand side of the courtyard.

Please note that disabled persons access is incomplete - please telephone in advance.

Underground - The nearest stations are Green Park or Piccadilly Circus.

Buses - Numbers 14, 19, 22, 38 all stop near Burlington House



Poster Abstract: Number to be inserted by organisers
Title (Calibri 14 bold)

Presenting Author, Other Authors (Calibri 12 italics)

Organisation (Calibri 12)

Address of organisation (Calibri 12)

E-mail address (optional)

Please do/do not consider my abstract for a twenty-minute oral presentation [delete as appropriate]

Abstract text (Calibri 11)