



## 100 Years of the Joseph Black Building: Programme

Saturday 1<sup>st</sup> June 2024

10:00	<b>Arrival and registration with refreshments</b>
10:30	<b>Welcome and introduction</b> <i>Professor Jason Love</i>
10:40	<b>The Joseph Black Building past, present and future</b> <i>Dr Andrew Alexander and Dr David Brown</i>
11:00	<b>Research showcase</b> <i>Dr Claire Hobday, Dr Ben Bhawal, Dr Nicholle Bell</i>
11:30	Break
11:40	<b>JBB 50 years</b> <i>Professor Lesley Yellowlees</i>
12:00	<b>Molecular glue degraders: fantastic drugs and where to find them</b> <i>Dr Zuzanna Kozicka</i>
12:30	<b>Lunch</b>
13:30	<b>My journey with Chemistry and the RSC - via Edinburgh!</b> <i>Professor Gill Reid</i>
13:50	<b>What Happens if we 'Burn all the Carbon'? Carbon Reserves, Carbon Budgets, and Policy Options for Governments</b> <i>Dr Kevin Parker</i>
14:10	<b>There may be photos...</b> <i>Dr Mary Doherty</i>
14:30	Break
14:40	<b>Panel: What's next? The next 100 years at the School of Chemistry</b>
15:30	<b>Tours of the School of Chemistry and Nucleus Building</b> <i>School of Chemistry student ambassadors</i>
16:30 – 18:00	<b>Drinks reception</b> Dinner from 19:00 at South Hall for those who have pre-booked.



### **Professor Lesley Yellowlees CBE**

Professor Lesley Yellowlees completed both her BSc in Chemical Physics and her PhD in Inorganic Electrochemistry at the University of Edinburgh. After completing research positions in Brisbane, Australia and Glasgow she returned to an academic position in Edinburgh in 1986 and gained a personal chair in Inorganic Electrochemistry in 2005. Lesley was Head of the School of Chemistry and then Vice Principal and Head of the College of Science and Engineering at the University of Edinburgh. Lesley was President of the Royal Society of Chemistry from 2012-14, their first woman President in 175 years. Lesley was awarded an MBE in 2005 for services to science and a CBE for services to Chemistry in 2014.



### **Dr Zuzanna Kozicka**

Zuzanna Kozicka graduated from the University of Edinburgh (MChem in Medicinal and Biological Chemistry with a Year Abroad, spent at ETH Zürich) in 2018. She then pursued a PhD in biochemistry and structural biology at the Friedrich Miescher Institute for Biomedical Research in Basel, Switzerland focusing on novel mechanisms of drug-induced protein degradation. Zuzanna is currently a postdoctoral researcher at Harvard Medical School and the Broad Institute, where she is further exploring the therapeutic implications of modulating the ubiquitin-proteasome system with small molecules.



### **Professor Gill Reid FRSC**

Gill graduated with BSc (hons) in Chemistry in 1986, followed by a PhD in inorganic chemistry (1986-89) and PDRA position at the University of Edinburgh, before taking up a lectureship in Chemistry at the University of Southampton in 1991. Her research is in coordination chemistry, exploring the properties of novel complexes, including metal-macrocyclic scaffolds for binding radiofluorine towards applications in positron emission tomography imaging, and precursors for the controlled growth of 2D metal chalcogenide semiconductors via chemical vapour deposition and electrodeposition. She is the current President of the Royal Society of Chemistry.

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### **Dr Kevin Parker**

CO<sub>2</sub> emissions from proven fossil fuel reserves are already enough to bust the IPCC carbon budgets (RCP2.6 - RCP6.0). Why are fossil fuel companies still exploring/developing reserves, and what can governments do about it? Kevin's career has included being a product specialist at BP, followed by 25 years of Independent Technology Transfer consulting/training. He is currently Science Advisor for a London Think-tank, working closely with the current Lord Mayor of the City of London.



### **Dr Mary Doherty**

Mary graduated (twice!) in the 1990's and has enjoyed a varied career, working in academia, government, and industry. She is a Senior Fellow of the Higher Education Academy and a Fellow of the Royal Society of Chemistry. Mary's time at Edinburgh provided a platform to travel the world, meet interesting people, and undertake diverse research. She now leads the skills programme at IBioIC working with the innovators of the future, and supporting access to education for students from non-traditional backgrounds.

### **PhD Poster Presentations**

*We invite attendees to speak to PhD students during the breaks to learn more about current research taking place at the University of Edinburgh School of Chemistry:*

**During lunch: 12:30 – 13:30 (central corridor)**

<b>Jack Hughes</b> (Garden Group)	NacNac-Zn-pyridonate mediated $\epsilon$ -caprolactone Ring Opening Polymerisation (ROP)
<b>Justyna Losiewicz</b> (Ingleson Group)	DFT Investigation Into The Mechanism of Transition Metal-Free Catalytic C–H Zincation and C–H Aluminaton
<b>Niamh Gurrin</b> (Bell Group)	Establishing a baseline for tracking temporal changes in peat soils and receiving streams pre- and post-restoration via drain blocking
<b>Spyros Letsios</b> (Hulme Group)	Generating Raman-Active BRD4 Degrader Probes for Cellular Imaging

**During the networking reception: 16:30 – 18:00 (central corridor)**

<b>Ayushi Arora</b> (Robertson Group)	Solar Photocatalytic water purification for drinking remediation
<b>Chenfeng Zhang</b> (Michel group)	Between States: Assessing Allosteric Modulators Through Conformational Probabilities