

Oxford Life Science Association Symposium 2023



Richard Doll Building Lecture Theatre
University of Oxford
27th February



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Oxford Life Science Association

Oxford Life Science Association (OLSA), previously known as Oxford Chinese Life Science Society (OCLSS), was founded in 2013. We are a joint force of energetic students, productive postdocs, and successful professors in the Medical Sciences Division of the University of Oxford. Over the years, we have been devoting ourselves to nurturing a network of scientists, scholars, and students at Oxford. OLSA has now grown into an active association that facilitates academic communications locally in Oxford and holds virtual seminars nationally and globally.

The main topics of the symposium (2023) comprise three sessions: DNA Repair and Oncology, Infection and Immunity, and Big Data. In addition to the fantastic talks, there will be in-person networking opportunities.

Committee Board Member

Alan Xiaodong Zhuang Shengpan Zhang Siwei Deng
Ying-Jie Wang

Organising Team

Helene Borrmann	Henderson Zhu	Liyang Jin
Lulu Liu	Mengyun Wang	Min Gao
Qian Chen	Xiaofan Wang	Xinran Huang
Xu Liu	Yanshu Cai	Yining Sun
Zepeng Cao	Zheng Tong	Zhihan Bo

Timetable

PS: Plenary Speech, IS: Invited Speaker, FT: Flash Talk, ST: Sponsor talk.

Morning Sessions

9:30–10:00	Registration & Reception refreshments		
10:00–10:10	Welcome speech		
10:00	IS	Dr Ying-Jie Wang Chairman of OLSA	Greetings from local organiser
10:05	IS	Prof Xin Lu Director, Ludwig Institute for Cancer Research, Oxford Branch	Opening speech
10:10–11:50	Session I: DNA Repair and Oncology (Chair: Dr Geng Liu)		
10:10	PS	Prof Tim Humphrey Professor of Molecular Genetics	A role for homologous recombination repair in suppressing chromosomal instability
10:40	IS	Dr Martin Cohn Associate Professor at the Department of Biochemistry	Studying the human genome instability syndrome Fanconi Anemia
11:00	IS	Dr Benjamin Schuster-Böckler Leader of the genomics group at the Ludwig Institute for Cancer Research	Mutagenic effects of epigenetic marks
11:20	IS	Dr Chunxiao Song Ludwig Institute for Cancer Research	Epigenetic technologies to advance cancer detection and cancer biology
11:40	ST	Sponsor: Novogene	
11:45	ST	Sponsor: Vazyme	
11:50	Group photo		

Flash Talk

12:00–13:00	Lunch & Poster		
13:00–13:40	Flash Talks (Chair: Siwei Deng)		
13:00	FT	Helene Borrmann (DPhil Student)	Circadian regulation of viruses: The clock is ticking for HIV
13:05	FT	Shengpan Zhang (DPhil Student)	Apoptosis-induced loss of CD43 promotes T cells efferocytosis
13:10	FT	Henderson Zhu (DPhil Student)	Molecular signatures of vaccine induced humoral responses against typhoid fever
13:15	FT	Xiaozhen Lai (DPhil Student)	National, regional and provincial pneumococcal disease burden and cost-effectiveness of pneumococcal conjugate vaccination among Chinese children: a modelling analysis
13:20	FT	Fabian Fischer (DPhil Student)	TBK1 and IKKe act like a master break to limit premature inflammatory cell death pathways in activated macrophages
13:25	FT	Xintong Li (DPhil Student)	Utilising real-world data in vaccine safety study: the comparative risk of thrombosis with thrombocytopenia syndrome or thromboembolic events after COVID-19 vaccines
13:30	FT	Jose Cabezas Caballero (DPhil Student)	Engineering T cells with enhanced ligand discriminatory powers

Afternoon Sessions

13:40–15:00	Session II: Infection and Immunity (Chair: Dr Peter Wing)		
13:40	PS	Prof Jane McKeating Professor of Molecular Virology	Hypoxia and respiratory viruses
14:10	IS	Dr Ricardo Fernandes COI Group Leader	Exploring TCR and co-receptor signalling in T cells
14:30	IS	Dr James Harris Post-doctoral Virology Research Fellow	Oxygen-dependent histone lysine demethylase 4 restricts hepatitis B virus replication
14:40	IS	Prof Martin Maiden Professor of Molecular Epidemiology	Invasive meningococcal disease In China and beyond
15:00–15:30	Coffee Break & Poster		
15:30–17:00	Session III: Big Data (Chair: Wei Gan)		
15:30	PS	Prof Zhengming Chen Richard Peto Professor of Epidemiology	Large-scale proteomic profiling for discovery research
16:00	IS	Dr Huaidong Du Associate Professor at the Nuffield Department of Population Health	Dairy consumption and risks of total and site-specific cancers in Chinese adults: an 11-year prospective study of 0.5 million people
16:20	IS	Dr Yang Luo KTRR Senior Research Fellow in Data Science	Characterising the role of HLA in immune-mediated traits
16:40	IS	Dr Wei Gan Senior Research Scientist, Novo Nordisk Research Centre Oxford	Genomics-driven drug discovery and development
17:00	ST	Sponsor: MCE	
17:05	ST	Sponsor: CGC	
17:10–18:00	Session IV: Career Panel Discussion (Chair: Dr Liu Shi and Zhihan Bo)		

Useful Information

Talks will be held at the **Lecture Theatre of the Richard Doll Building**.

Coffee breaks, lunch, and the poster session will be offered/held in the Atrium of the Richard Doll Building.

Eduroam Wi-Fi network will be available during the symposium.

How to get to the Richard Doll Building?



Sponsors

Sponsors are listed in alphabetical order.



Contact Us

- Web: www.olsa.life
- Email: oxford.lifescience@outlook.com / admin@olsa.life
- Twitter: [@OxfordLifeSci](https://twitter.com/OxfordLifeSci)
- WhatsApp group chat



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Interest to join? Scan the QR code below!



Feedback

Please let us know your feedback!

