



"Building bridges between our nations in science and technology will help us to offer the best treatments for our patients."

– Prof. Stefan R. Bornstein  
transCampus Dean King's College London,  
Technische Universität Dresden

"Half a billion people suffer from diabetes worldwide. A meeting uniting experts from Europe, MENA Region, and India provides an ideal opportunity to tackle these challenges. Promoting new training courses of the transCampus for a new generation of health care professionals has the highest priority."



– Prof. Peter Schwarz  
President-Elect of the International Diabetes Federation (IDF)



"Apheresis is a powerful therapeutic option that needs to be established in all major clinical centres."

– Prof. Mahmoud Barbir  
Royal Brompton Hospital

"True innovations are based on interdisciplinary work from basic science to translation to the clinic."



– Prof. Barbara Ludwig  
Islet Transplantation Dresden



"Casual links between metabolic diseases and the ageing progress are becoming more and more evident."

– Prof. Richard Slow  
Director, Ageing Research at King's College London

 transCampus roadshow



Dresden



London



Dubai



Chennai



Tel Aviv



Zürich

## Venue

### SCIENCE GALLERY LONDON

King's College London (Guy's Campus)  
Great Maze Pond  
London SE1 9GU



## Sponsors & Partners



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# New Therapeutic Strategies in Apheresis, Ageing Research, Cell & Gene Therapy in Diabetes, and Metabolic & Endocrine Diseases

September 18<sup>th</sup>, 2024  
London | Science Gallery

Hybrid Event Dresden



Subsequent Event:  
19-20.09.2024  
MD and PhD programme

 transCampus  
**INTERNATIONAL  
ROADSHOW**



## Dear colleagues

In the field of diabetes and metabolic medicine, we are currently experiencing a paradigm shift in the diagnosis and treatment of our patients. This paradigm shift poses major challenges to the entire health care system, from specialists to general practitioners, from university clinics to community hospitals, to outpatient care and ultimately to the patient himself and society as a whole. On the other hand endocrine disorders remain largely underdiagnosed.

These major challenges cannot be adequately discussed at the congresses of the diabetes and metabolic societies or at the usual continuing education events.

With the involvement of the societies, in particular the International Diabetes Federation (IDF), the transCampus as a network of various universities, the major international training programmes in the field of diabetes and metabolism, which are funded by the German Research Foundation (DFG), other renowned funding bodies, and our partners from the industry, we have established an expert panel that aims to address these challenges.

We look forward to your coming and active participation.

**Prof. Stefan R. Bornstein**  
transCampus Dean

**Prof. Peter Schwarz**  
President-Elect of the  
International Diabetes Federation (IDF)

**Prof. Mahmoud Barbir**  
Royal Brompton Hospital

**Dr. Ulrike Schatz**  
President of the German-Swiss-Austrian  
society for the prevention of  
cardiovascular disease

**Prof. Geltrude Mingrone**  
transCampus Professor  
EASD

**Prof. Richard Siow**  
Director Ageing Research  
King's College London

## Agenda

08:45 AM	Introduction	S. Bornstein, M. Barbir
<b>I New Developments Apheresis Treatment and Ageing Research</b>		
09:00 AM	New developments in lipids and cardiovascular diseases	M. Barbir
09:20 AM	Apheresis in postinfectious syndrome and autoimmunity	S. Bornstein
09:40 AM	Apheresis and Alzheimer	C. Groome
Coffee Break		
10:30 AM	ADMA and NET's a new target for therapeutic apheresis	N. Jarzebska
10:50 AM	MT DNA as cardiovascular risk factors	A. Malik
<b>II New Developments in Cell and Gene Therapy</b>		
Chair: R. Sancho, F. Farzaneh		
11:10 AM	Advanced therapies in cardiovascular disease	M. Giacca
11:30 AM	Innovations in viral vectors and gene-modified cells	F. Farzaneh
11:50 AM	New strategies for beta cell replacement	R. Ofir
12:10 PM	Novel concept for gene therapy for diabetes	F. Wright
12:10 PM	The Dresden islet transplantation program	B. Ludwig
Lunch Break		
<b>III New Developments in the Treatment of Patients with Metabolic and Endocrine Disease</b>		
Chair: G. Mingrone, T. Sahakitrungruang		
01:50 PM	New treatment strategies for clinical obesity and diabetes	F. Rubino
02:10 PM	New strategies for the treatment of lipid disorders and the role of genetic screening	U. Schatz
02:30 PM	New strategies in pain management for diabetes patients	F. Guggenbichler
02:50 PM	Point of care ultrasound, NASH radiomics	J. Gay
03:10 PM	Epigenetic profiling in metabolic health and aging	R. Siow
Coffee Break		
03:30 PM	Round Table Discussion	N. Perakakis



Triple A Congress and Meeting  
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