

# The “European Bank for induced pluripotent Stem Cells”



The EBiSC consortium invites you to the Workshop

## “Scalability of the iPSC technology for future drug discovery & therapy”

on 2-3 November 2017 at Fraunhofer-Forum in Berlin

**PURPOSE:** The workshop aims at disseminating the learning from the establishment of the European Bank for induced Pluripotent Stem Cells ([www.ebisc.eu](http://www.ebisc.eu)) and address perspectives on stem cell applications over the next five years.

**AUDIENCE:** Senior industry representatives considering stem cell investment, stem cell researchers, trade organisations, government policy groups, charities supporting stem cell research, undergraduates, PhD students and early career postdocs.

### KEYNOTE SPEAKERS:

Florian T. Merkle, Ph.D. (University of Cambridge),  
Prof. Christine Mummery (Leiden University Medical Center),  
Prof. Marc Peschanski (Scientific Director CECS/I-STEM, AFM).

**ORGANISERS:** Kevin Bruce (Roslin Cell Sciences / CENSO Biotechnologies), Prof. Andreas Kurtz (Charité-BCRT), Prof. Glyn Stacey (UK Stem Cell Bank), Prof. Heiko Zimmermann (Fraunhofer-IBMT) .

**ABOUT EBiSC:** EBiSC enables academic & commercial scientist to access quality-controlled, disease-relevant, research-grade iPSC lines, data and cell services for use in disease modelling and other forms of pre-clinical research.

Information about EBiSC: [www.ebisc.eu](http://www.ebisc.eu)  
Access to the EBiSC Catalogue: <https://cells.ebisc.org>



Thursday, 2 November 2017

**iPSC Biobanking at scale**

10.30-10.55	Coffee & Registration	
10.55-11.00	Welcome	Glyn Stacey, UK Stem Cell Bank/NIBSC (UK)
11.00-11.15	Introductory Overview	Andreas Ebneht, EBiSC Coordinator, Jansen Pharmaceutica (BE)
11.15-11.45	Development of iPSCs for disease studies	Mark Burcin, StemBANCC, Roche Innovation Centre Basel (CH)
11.45-12.15	EBiSC – Challenges of initiating large scale banking	Kevin Bruce, Roslin Cell Sciences / CENSO Biotechnology (UK)
12.15-13.00	Culture-acquired mutations in human pluripotent stem cells: implications for regenerative medicine	Florian T. Merkle, University of Cambridge, WT-MRC Institute of Metabolic Science, and WT-MRC Cambridge Stem Cell Institute (UK)
13.00-14.00	Networking Lunch Buffet	
14.00-14.30	EBiSC – Automated expansion & cryo-preservation at scale	Heiko Zimmermann, Fraunhofer-IBMT, (DE)
14.30-15.00	EBiSC – Quality management & QC development for high throughput stem cell banking laboratories for research & translation	Glyn Stacey, UK Stem Cell Bank/NIBSC (UK)
15.00-15.30	Coffee break	
15:30-16:00	EBiSC – International distribution & long-term sustainability of cell line collections – Challenges & opportunities	Bryan Bolton, European Collection of Authenticated Cell Cultures (UK)
16.00-16.30	Key issues in large scale cryo-storage & international cold chain management	Simon Ellison, Fisher BioServices
16.30-17.00	Open discussion forum with EBiSC expert partners and speakers	Chaired by Andreas Kurtz, Charité-BCRT (DE)
17.00-19.00	Networking reception	

Friday, 3 November 2017

## Applications of Stem Cell Biobanks

09.00-09.50	Developing stem cell-based drug screening	Christine Mummery, Leiden University Medical Center (NL)
09.50-10.20	EBiSC – Screening stem cell-based systems for drug discovery	Ole Pless, Fraunhofer-IME SP (DE)
10.20-10.50	Coffee Break	
10.50-11.20	EBiSC – Management of massive data sets on stem cells	Peter Harrison, EMBL-EBI (UK)
11.20-12.05	Taking stem cell lines to therapy	Marc Peschanski, Scientific Director CECS / I-STEM, AFM (FR)
12.05-13.00	Networking Lunch Buffet	
13.00-13.30	EBiSC – Governance procedures for data and scientific quality of iPSC lines for research and therapy	Andreas Kurtz, Charité/BCRT, hPSCreg (DE)
13.30-14.00	Stem cell development initiatives: Profile presentations and case studies	
14.00-14.45	Open discussion forum with EBiSC expert partners and speakers	Chaired by Heiko Zimmermann, Fraunhofer-IBMT (DE)
14.45-14.50	Workshop Summary	Glyn Stacey, UK Stem Cell Bank/NIBSC (UK)
14:50	Closure	

## REGISTRATION DETAILS

Fill in the registration form below & email it to [enquiries@ukstemcellbank.org.uk](mailto:enquiries@ukstemcellbank.org.uk) by 1 September 2017.

### YOUR REGISTRATION:

<b>Title:</b>				<b>First Name:</b>			
<b>Family Name</b>							
<b>Organisation Name:</b>							
<b>Job Title:</b>							
<b>Address :</b>							
<b>ZIP code:</b>				<b>City / Country:</b>			
<b>Email:</b>							
<b>Phone:</b>							
<b>Organisation Type:</b>	<b>Industry</b>	<b>SME</b>	<b>Academia/Government/Regulatory</b>		<b>EBiSC Partner</b>		
<b>Confirm your booking:</b>	By signing the registration form, you are committing to placing an order to attend the EBiSC workshop. Once complete, please return the registration form by email to <a href="mailto:enquiries@ukstemcellbank.org.uk">enquiries@ukstemcellbank.org.uk</a> or by post to <b>UK Stem Cell Bank – EBiSC Workshop, NIBSC, Blanche Lane, South Mimms, Herts, EN63QG, United Kingdom.</b>						
<b>Signature:</b>				<b>Date:</b>			

For more information on the workshop: <http://www.nibsc.org/ukstemcellbank> and [www.ebisc.eu](http://www.ebisc.eu).

### VENUE:



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