

The “European Bank for induced pluripotent Stem Cells”



The EBiSC consortium invites you to the Workshop

“Scalability of 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) 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, PhD. (University of Cambridge)
Prof. Christine Mummery (Leiden University Medical Center)
Prof. Marc Peschanski (Scientific Director CECS/I-STEM, AFM)

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

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
Access to the EBiSC Catalogue: cells.ebisc.org
Latest information about the event: www.nibsc.org/ukstemcellbank



Thursday, 2 November 2017

iPSC Biobanking at Scale

10.30 - 10.55	Coffee & Registration	
10.55 - 11.00	Welcome	Glyn Stacey, International Stem Cell Banking Initiative (UK)
Session 1 Chair - Andreas Ebneht, Janssen Pharmaceutica (NV)		
11.00 - 11.15	Introductory overview	Andreas Ebneht, EBiSC Coordinator, Janssen Pharmaceutica (NV)
11.15 - 11.45	Development of iPSCs for Disease Studies	Mark Burcin, StemBANCC, Roche Innovation Center Basel (CH)
11.45 - 12.15	EBiSC - Challenges of initiating large scale banking	Kevin Bruce, Roslin Cell Sciences / CENSO Biotechnologies (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	
Session 2 Chair - Heiko Zimmermann, Fraunhofer-IBMT (DE)		
14.00 - 14.30	EBiSC - Automated expansion & cryopreservation at scale	Heiko Zimmermann, Fraunhofer-IBMT (DE)
14.30 - 14.50	EBiSC - QC development for high throughput stem cell banking repositories	Orla O'Shea, UK Stem Cell Bank / NIBSC (UK)
14:50 - 15.00	Development of QC systems for research & translation	Glyn Stacey, International Stem Cell Banking Initiative (UK)
15.00 - 15.30	Coffee break	
15.30 - 16.00	EBiSC - International distribution & long term sustainability of cell line collections; challenges and opportunities	Bryan Bolton, European Collection of Authenticated Cell Cultures (UK)
16.00 - 16.30	Bio-banking at scale	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

Session 3 Chair - Jack Price, UK Stem Cell Bank / NIBSC (UK)

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 Screening Port (DE)
10.20 - 10.50	Coffee break	
10.50 - 11.20	EBiSC - Management, discovery and distribution of large 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	

Session 4 Chair - Andreas Kurtz, Charité / BCRT, hPSCreg (DE)

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, ISCBI (UK)
14.50	Close	

REGISTRATION DETAILS

The workshop is completely free to register and attend. As only limited places are available, online registration is required.

To guarantee a place on the workshop, order a free ticket by filling in the registration form by 1st October 2017 on bit.ly/2wW2zv0. Please bring the printed ticket to the event.

For further questions, please contact: enquiries@ukstemcellbank.org.uk

VENUE:



Spektrum Room
Anna-Louisa-Karsch-Strasse 2
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EVENT ORGANISERS



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