

# CELL LINES IN THE 21<sup>ST</sup> CENTURY

Challenges and opportunities for reproducible research

Thursday, January 11, 2024

University of Lausanne, Anthropole building, auditorium ANT1129

09:30	Arrival and registration	
10:00	Welcome	<b>Christophe Dessimoz</b> Director of the Swiss Institute of Bioinformatics
10:15	<i>Cellosaurus: the cell line encyclopedia</i>	<b>Amos Bairoch</b> Group leader at the Swiss Institute of Bioinformatics Honorary professor at the University of Geneva; Switzerland
10:45	<i>hPSCreg: the human pluripotent stem cell registry</i>	<b>Andreas Kurtz</b> Head of Digital Stem Cell Technologies, Fraunhofer Institute for Biomedical Engineering; Germany
11:15	Coffee break	
11:30	<i>What do 66 years of publications on cross-contaminated and misidentified cell lines teach us about today's biomedical research?</i>	<b>Amanda Capes-Davis</b> Scientist and technical writer Founding Manager of CellBank; Australia ICLAC chairperson from 2012 to 2021
12:00	<i>Standards needed in mouse cell line authentication</i>	<b>Jamie Almeida</b> Biologist at the National Institute of Standards and Technology (NIST); USA Former Head of the Mouse Cell Line Authentication Consortium ICLAC chairperson
12:30	Lunch Break	
14:00	<i>RRIDs: what are they good for?</i>	<b>Anita Bandrowski</b> Department of Neuroscience at UCSD; USA Co-Founder/CEO of SciCrunch. Founder of the Resource Identification Initiative
14:30	<i>Cell and tissue culture: Let's not make the same mistakes we make in animal experiments</i>	<b>Jan van der Valk</b> Retired Director of 3Rs Center at Utrecht University; The Netherlands
15:00	<i>Next generation cell banking</i>	<b>Wilhelm Dirks</b> Head of the Genotyping team at DSMZ collection of microorganisms and Cell Culture; Germany
15:30	Coffee break	
15:45	<i>Patient-derived sarcoma cell lines for pharmaco-proteogenomics</i>	<b>Tadashi Kondo</b> Chief of the Division of Rare Cancer Research at the National Cancer Center Research Institute; Japan
16:15	<i>History, science and technology of CHO cells: from early genetics to tons of therapeutic proteins</i>	<b>Florian M. Wurm</b> ExcellGene SA, Switzerland Emeritus Professor at EPFL, Lausanne; Switzerland
16:45	<i>Animal cell lines can be considered to have ante factum and post factum properties</i>	<b>Niels C. Bols</b> Distinguished Professor Emeritus at the University of Waterloo; Canada
17:15	Conclusion	<b>Amos Bairoch</b>

**Registration** : <https://my.weezevent.com/cell-lines-in-the-21st-century>



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