



International IT Symposium

Biobank Information Management Solutions & Federated Search & Data Analysis Platforms

Days / time: Thursday 21st January 2021 from 13:00 – 17:15 CET
Friday 22nd January 2021 from 10:00 – 12:30 CET
Monday 25th January 2021 from 10:00 – 17:00 CET
Format: Online

January 21st: ***Federated Search & Data Analysis Platforms***

- 13:00 Opening welcome
Jens Habermann & **Rosita Kammler**
Session Chairs: **Kurt Zatloukal** & **Ann-Kristin Kock-Schoppenhauer**
- 13:15 **Showcasing HDR-UK National Gateway Portal Project - a Biobank Management and Federated Search Solution**
Paul Smith
Business Development Director, BC Platforms
- 13:45 **TriNetX: Optimising Clinical & Academic Research using a Federated Global Data Network**
Paula Underhill
Director Global Clinical Engagement of TriNetX
Christina Mueller
Director, EU Data Networks North, TriNetX
- 14:15 **The Cafe Variome / RD-NEXUS Asset Discovery Platform**
Anthony J. Brookes
Director of the University of Leicester HDR-UK node, Leicester, UK
- 14:45 **Bioface - distributed system for Biobanks to share and manage samples information**
Dominik Strapagiel
University of Lodz, Poland

15:15 – 15:30 Coffee Break

Session Chairs: **Christoph Brochhausen** & **Phil Quinlan**

Challenge Talks ¹ (20 min presentation + 10 min questions)

15:30 Federated Research: Novel Applications of Emerging Technology

Sean T. Manion

Chief Scientific Officer, ConsenSys Health

16:00 Protect and share sensitive data in hybrid clouds

Werner Strasser

CEO, fragmentiX

16:30 Self Service Access and Federated Queries to Clinical and Research Data Using the Open Source Leaf Platform

Sean D. Mooney and **Nicholas Dobbins**

University of Washington and UW Medicine, Seattle, Washington, USA

17:00 Concluding remarks

17:15 Adjourn

January 22nd: *Federated Search & Data Analysis Platforms*

10:00 Opening welcome

Rosita Kammler & **Jens Habermann**

Session Chairs: *Murat Dogru* & **Petr Holub**

10:15 **Federated Search for Biosamples in European Biobanks using FHIR and the open-source "Sample Locator"**

Martin Lablans

German Cancer Research Center Heidelberg, and University Medical Center Mannheim, Germany

10:45 **A Common API for Federated Data Sharing?**

Experience from the Alzheimer's and COVID research community

Rodrigo Barnes

CTO, Aridhia Informatics

11:15 **Connecting cohorts and samples to public molecular data archives**

Tony Burdett

The European Bioinformatics Institute, EMBL-EBI

11:45 **Connecting cohorts and samples to public molecular data archives**

Jordi Rambla De Argila

Team Leader, Federated EGA, Centre for Genomic Regulation, Barcelona, Spain

12:15 Concluding remarks on *Federated Search & Data Analysis Platforms*

12:30 Adjourn

January 25th: *Biobank Information Management Systems*

10:00 Opening welcome

Rosita Kammler & Jens Habermann

Session Chairs: **Michael Hummel & Blazej Marciniak**

10:15 **Connecting Health and Medical Research with Modern Data Technology using VizzDAT Solutions**

Loreana Norlin

CEO & Co-founder, VizzDAT AB

10:45 **Control, Manage, Exchange within an ASKION C-line® Biobank**

Stefan Chabierski

Manager International Marketing & Sales, Business Development, ASKION GmbH

11:15 – 13:00 Lunch break

Session Chairs: **Christoph Brochhausen & Phil Quinlan**

13:00 **Driving High Quality Specimen Data with Thermo Fisher Platform for Sciencesoftware**

Craig DeLoughery

Senior Business Development Manager, Thermo-Fisher Scientific, Digital Science Business Unit

13:30 **CentraXX for Biobanking**

Jesse Goering

Director, North America, Kairos GmbH

14:00 **Achiever Medical LIMS – Make Every Sample Matter**

Sharon Williams

Interactive Software Limited

14:30 **OpenSpecimen, a Highly Configurable Biobanking LIMS**

Srikanth Adiga

OpenSpecimen

15:00 – 15:15 Coffee Break

Session Chairs: **Ann-Kristin Kock-Schoppenhauer & Kurt Zatloukal**

15:15 **A national biorepository management tool to provide a unified platform to support tissue bank networks and researchers**

Emily Jefferson

Director, Health Informatics Centre (HIC), University of Dundee

Sharon King

Biorepository Manager, Tayside Medical Science Centre (TASC), University of Dundee

- 15:45 **Next generation inventory system – incorporating LIMS with automated freezers for even better collection control and visibility**
David Lewandowski
Global Business Development Manager, Cryo Division, Brooks Life Sciences
- 16:15 **Integrated solutions to manage your biorepository and maintain high quality data**
Julia de Diego
Technical Business Consultant, ABBOTT - STARLIMS
- 16:45 *Concluding remarks*
- 17:00 Adjourn**