::: BBMRI.at Biobanking eNews – Mar-May 2023 :::
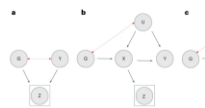
BBMRI.at & BBMRI-ERIC News

- **Privacy risks of whole-slide image sharing in digital pathology** – publication (May 2023)
- **Tissue quality: Impact of humidity in paraffin-embedded tissue** – publication (May 2023)
- **Samples, data and their mobility in biobanking –** publication (Apr 2023)
- **Trends in artificial intelligence for biotechnology** – publication (Mar 2023)
- **Revised ISO 15189:2022 standard** – German version now available
- **BBMRI.at partners Med Uni Graz and Med Uni Innsbruck participate in EU project "ONCOSCREEN"**
- **Colorectal Cancer EU Project "DIOPTRA" started** – novel approach for CRC detection
- **Med Uni Graz partner in Microbiome Biobanking EU Project "MICROBE"** – Kick-Off Meeting held 8-10Mar 2023

- **Research funding opportunity and European Molecular Tumour Board Network participation via EU project canSERV** – Apr 2023

Global Biobanking New

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- **Participation bias in the UK Biobank distorts genetic associations and downstream analyses** - Nature Human Behaviour (Apr 2023)
  In volunteer-based studies, the cornerstone of genetic epidemiology, the participating individuals are rarely representative of their target population. The authors of this paper evaluated the impact of selective participation at UK Biobank [...]

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- **Crown Bioscience acquiring Indivumed's service business and biobank** – Labiotech.eu (Feb 2023)
  Crown Bioscience's, a global CRO, acquires the Indivumed Services business, i.e. the biobank comprising almost one million samples with associated clinical data and a network of more than 60 clinical divisions in the US, Europe and Asia [...]

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- **Banking on a new understanding: Translational opportunities from veterinary biobanks** – GeroScience (Mar 2023)
  This publication discusses how veterinary biobanks can support research on aging particularly when integrated into large-scale longitudinal studies such as Dog Aging Biobank Project. [...]

@Med Uni Graz

- **Review of major Danish biobanks: Advantages and possibilities of health research in Denmark** - Dove Medical Press (Feb 2023)
  Article about biobank supported research and biobank (population-based cohorts) in Denmark (e.g. newborn screening cohort, birth cohort, twin registry, diet, cancer, health cohort and many more [...]

@Pathologynews.com

- **New calibration method for machine learning classifiers improves automated diagnosis of non-melanoma skin cancer** – PathologyNews (Feb 2023)
  This article on a recent study describes a method to ameliorate facility-dependent pre-analytical variables in whole-slide images for digital pathology in order to improve diagnostic performance of deep learning applied at different sites. [...]

Upcoming Events

- **KIP Summer Symposium** | location: Vienna | date: 23rd June 2023
- **EBW congress** | Spring 2024 | date & location tbd
- **EBW roadshow IT** | location: Innsbruck | date: 27th-28th September 2023
- **EBW roadshow Medical Cohorts:** Location & date tbd
- **International Biobank Conference Qatar (IBCQ)**: Nov 2023 or Jan/Feb 2024

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