

Next Generation Sequencing Training Workshop



WELCOME

December 3, 2024



International Alliance for
Biological Standardization

Rules for remote participants



Make sure your camera and microphone are off during talks.



Questions will be discussed after each presentation.

Apologies if all questions cannot be answered due to lack of time



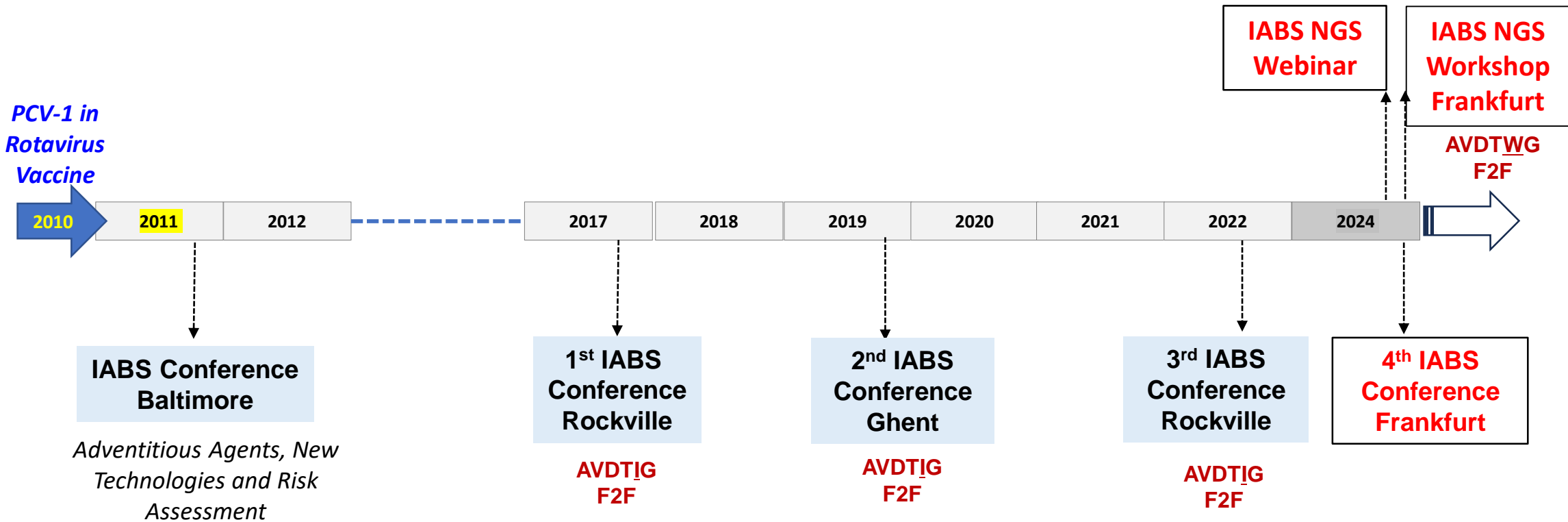
For any questions, please use the Chat Box and state your name & organization



This meeting is recorded



Overview of IABS NGS events



Goals of the Training Workshop

- To extend the general awareness about the NGS technology that was presented in the NGS webinar done in September 2024
- To focus on technical details of the NGS workflow including the sample preparation and processing, library preparation, the sequencing technologies and the Bioinformatics
- To help establish the network of experts for facilitating the implementation NGS (Meet & Greet - Advanced Virus Detection Technologies Working Group)



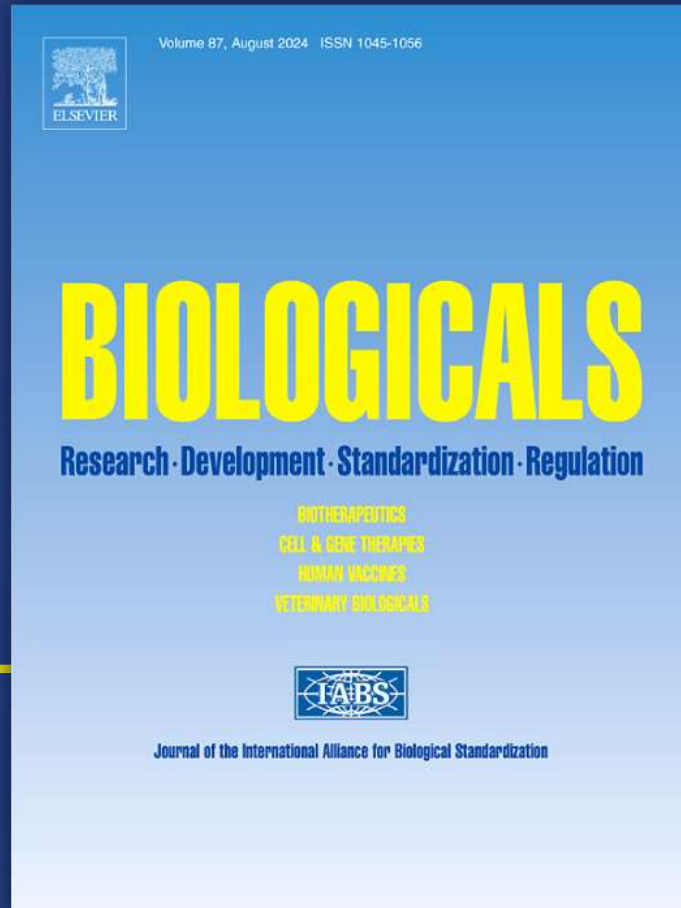
Agenda – Training Workshop

Tuesday 3rd of December, 2024

- 9.00 AM** **Welcome Remarks: IABS & Chairs**
Laurent MALLET – European Directorate for the Quality of Medicines & HealthCare (EDQM) – France – Co-Chair
- 9.10 AM** **General Overview of the NGS**
Carine LOGVINOFF, Sanofi, France
Siemon NG, Notch Therapeutics, Canada
- 9.55 AM** Q&A Session
- 10.10 AM** *Coffee Break*
- Sequencing Instrument Presentations**
- 10.40 AM** **Illumina**
Felix KROMBHOLZ
- 11.05 AM** **Nanopore**
Veronica FOWLER & Tim WALKER
- 11.30 AM** **PacBio**
Felix WOLTER & Nathalie KAHN
- 11.55 AM** **Round Table & Q&A**
Illumina, Nanopore, PacBio
- 12.15 PM** *Lunch break*

- 1.15 PM** **Sample and Library Preparation (Challenges, Specific examples)**
Siemon NG, Notch Therapeutics, Canada
- 2.00 PM** Q&A Session
- 2.15 PM** **Bioinformatics (different tools, targeted/non targeted, reference database)**
Pei-Ju CHIN, USFDA, U.S.A.
- 3.15 PM** Q&A Session
- 3.30 PM** *Coffee Break*
- 4.00 PM** **Follow-up investigations**
Christophe LAMBERT, GSK, Belgium
- 4.30 PM** Q&A Session
- 4.45 PM** **Panel Discussion - Technical Challenges for Using NGS for Adventitious Virus Detection**
Carine LOGVINOFF, Sanofi, France
Siemon NG, Notch Therapeutics, Canada
Pei-Ju CHIN, USFDA, U.S.A.
Christophe LAMBERT, GSK, Belgium
Sigrid DE KEERSMAECKER, Sciensano, Belgium
Blandine DE SAINT-VIS, Boehringer Ingelheim Animal Health, France
Johannes BLÜMEL – Paul-Ehrlich Institut (PEI) – Germany
- 5.45 PM** *Closing Remarks – End of Training Workshop*
Arifa S. KHAN – U.S. Food and Drug Administration, Center for Biologics Evaluation and Research FDA-CBER (FDA) – U.S.A. – Co-Chair
- 5.45 PM** **Meet & Greet: Advanced Virus Detection Technologies Working Group (AVDTWG) – Open to all on-site attendees**
6.45 PM

BIOLOGICALS



Biologicals is a scientific journal that provides a modern and multidisciplinary international forum for publishing peer-reviewed original papers, reviews, and letters relevant to regulatory science as it relates to the development, production, quality control, and standardization of biological products for human and veterinary products derived from novel and established biotechnologies.

Our **vision** is to provide a forum for the introduction and discussion of scientific topics which impact innovation, lifecycle management, and regulatory strategy. As with most journals, we are dependent on volunteers to serve as members of our editorial board, as well as scientific reviewers.

Biologicals is **recruiting volunteers with a strong scientific and/or regulatory background** in the development and/or lifecycle management of biological products. We invite you to **join the Editorial Board or contribute as a scientific reviewer** of a dynamic and influential journal.

If you are interested, please **contact the Editor-in-Chief, Dr. Norman Baylor** (nbaylor@biologicsconsulting.com).

Thank you for joining the meeting!

Please take a few minutes to answer the survey and give us your feedback on the training workshop by scanning the QR-Code:

