

Genomics to Go – Sample QC for NGS and Biobank Workflows

Your stories. Your successes. Your schedule.



Your conferences have been put on hold, but what about the needs of your lab?

Conferences are integral for your lab's success: after all, they help keep you up to date with the latest findings, optimized research tools, and newest methods. So, since they've been put on hold for the time being, why not hit 'play' with Genomics to Go?

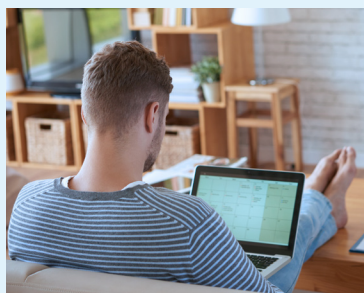
We have tapped researchers, clinicians, and Agilent specialists around the globe to condense more than a conference's worth of findings, stories, and tips into seven research tracks. The best part? It is designed to fit into your schedule: everything's on-demand, so all you have to do is pick up a snack and start watching!

Take a look at the reverse of this flyer to see the current Sample QC for NGS and Biobank Workflows tracks that we have available, or—if you're ready to jump in—check out the other tracks listed below and get streaming!

Sample QC for NGS and Biobank Workflows

Whether you are managing a biobank, receiving samples from one, or simply performing next-generation sequencing (NGS) research, ensuring sample quality is a high priority. By monitoring sample quality and quantity throughout your workflows, you can minimize variability, produce more consistent results, and avoid wasting time and resources on samples that do not meet your needs. These webinars will help you learn about sample QC tools, ways to incorporate them into your specific workflow, and how they have already benefited researchers like you.

Genomics to Go – Other Application Tracks



- Cancer Genomics
- CRISPR
- Infectious Disease
- Inherited Disease
- NGS for the Pathologist
- Variant Interpretation

Check out the latest tracks at:

www.agilent.com/genomics/genomics-to-go

Featured Presentations:



Elisa Viering, MA



Monique Albert

NEW – Analysing RNA and DNA integrity of biobank samples

Speakers: Elisa Viering, MA and Monique Albert

It is widely assumed that biospecimen integrity remains stable indefinitely if preserved at cryogenic temperatures, but this assumption of prolonged stability must be tested to verify that samples remain “fit for purpose” or if there is need to reconsider the utility of samples stored beyond a certain timeframe. The Ontario Tumour Bank has been collecting samples since 2004 and assesses a random selection of frozen samples each year for RNA and DNA integrity as a part of ongoing quality control (QC) practices. This historical sample QC data provides a unique opportunity to assess the impact of extended storage on nucleic acid integrity using replicate samples that remain in the bank as comparators.



Steve Siembieda, MA



Dr. Vladimir Benes



Ferris Jung

NEW – Importance of QC in NGS Library preparation

Speakers: Steve Siembieda, MA, Dr. Vladimir Benes, and Ferris Jung

In a webinar hosted by Biocompare, Dr. Vladimír Beneš and Ferris Jung from European Molecular Biology Laboratory (EMBL), Heidelberg, discuss the importance of identifying suitable nucleic acid samples prior to NGS library preparation. The data presented demonstrates how sample quality can impact NGS outcomes and aids in both cost and time savings while maximizing NGS data quality and output.

Other Presentations

NGS Success Begins with Input Sample Quality Control

Speaker: Elisa Viering, MA

The Importance of Sample Quality Control in NGS Library Workflows

Speaker: Whitney Pike, MA

Scientist Solutions to NGS Sample Quality Control Challenges

Speaker: Chava Pocernich, Ph.D.

Sample QC Considerations for NGS Workflow

Speaker: Erin Bernberg, Ph.D.

Check out the latest Sample QC in NGS and Biobank videos :

<https://explore.agilent.com/sample-qc-ngs-workflows-genomics-to-go>

How to Decrease Long-Read Sequencing Sample QC Time by 10-Fold

Speakers: Steve Siembieda, MA and Stuart Levine, Ph.D

Assessment of Standardized Processes - A Retrospective Analysis on Quality of DNA Samples from the Heidelberg Cardiobiobank (HCB)

Speaker: Steffi Sandke, Ph.D.

www.agilent.com/genomics

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