Nordic Alliance for Clinical Genomics

INVITATION

Join the NACG week!
Daily lunch sessions 23.-27. Nov 2020

NACG week

This fall the traditional NACG workshop will be organised as a virtual event with daily lunch sessions spread out across the week 23.-27. November 2020. Members and other interested parties are welcome to register for the NACG workshops here: https://forms.gle/Eq2Mi3Y4NPy6TgsL8

The Nordic Permed Law network is also planning a separate webinar in connection with the NACG week, more information to come.

NACG week outline, for details on sessions see next page.

Time (Oslo)	Monday 23rd Nov	Tuesday 24th Nov	Wednesday 25th Nov	Thursday 26th Nov	Friday 27th Nov
12:00	**Opening & keynote (tbc)**	**Collaborative software development** Tony Håndstad, Bioinformatician, Department of Medical Genetics, OUS	**Nordic consent framework and toolkit** Bobbie Ray-Sannerud, Programme Director Precision Medicine, DNV GL	**Preparing for IVDR** Cathrine Høgseth Nordhus, Section Manager Quality, Department of Medical Genetics, OUS	**Cancer panel benchmarking** Valtteri Wirta, Facility Director, SciLifeLab & Oleg Agafonov, Researcher, DNV GL
13:00	**Emerging technologies** Frederik Otzen Bagger, Head of Bioinformatics, Dept. Genomic Medicine Rigshospitalet.				**Variant interpretation and data sharing** Dag E. Undlien, Head of Department of Medical Genetics, OUS & Stephen McAdam, Digital Health Director, DNV GL **Closing**
14:00	END	END	END	END	END

Workshop sessions details

Please reach out directly to the contact person(s) as early as possible if you would like to engage more actively in any of the sessions.

Topic	Description	Contact person
Cancer panel benchmarking	The session will provide an introduction to somatic workflows in use in the Nordics and present a simple variant identification benchmark exercise using two reference samples with ddPCR verified variants.	Valtteri Wirta (valtteri.wirta@scilifelab.se) & Oleg Agafonov (oleg.agafonov@dnvgl.com)
Collaborative software development	In this workshop participants will present software projects where there is a need for further development, and we will try to match some of these projects with developers who can contribute with their expertise. There is also an opportunity to present ideas and requirements for novel software you wish were available. We will focus on practical NACG collaboration in software development; - How can we collaborate - Potential projects & prioritization of project(s) - Planning of contributions and next steps	Tony Håndstad (tony.handstad@medisin.uio.no)
Nordic consent framework and toolkit	The objective of this workshop is to gather stakeholders interested in the last phase of development for a harmonized Nordic clinical consent framework for genetic testing, consisting of an adult consent form and an information packet. At this workshop, you will hear from Nordic speakers on the topic of consent from legal, laboratory, and clinical perspectives. The workshop will then focus on the further development of the harmonized consent form and information packet for its content and format in terms of implementation across Nordics hospitals. NACG participants will receive the consent documents prior to the workshop to provide any input they may have.	Bobbie Nicole Ray-Sannerud (Bobbie.Nicole.Ray-Sannerud@dnvgl.com)
Emerging Technologies	A number of new sequencing techniques, like variations of single cell sequencing and long read sequencing, are currently in use in research. We will explore the clinical potential for the most interesting techniques and their impacts on workflows (lab and bioinformatics), focusing on experiences, feasibility and future clinical perspective.	Frederik Otzen Bagger (frederik.otzen.bagger@regionh.dk)
Preparing for IVDR	All actors in the field of medical genetics will have to comply with the new European Medical Devices (MDR) and In-Vitro Diagnostics Medical Device Regulation (IVDR) by May 2021 and May 2022 respectively. In this session Nordic laboratories will share the status of their efforts to secure compliance to the new regulations. The goal of the session is to compare the different laboratories' approaches to these regulations and to identify areas where the NACG members can work together to address challenges. Topics to be addressed are formats for collaboration, use of open source code, factory developed test arguments and market surveillance.	Cathrine Høgseth Nordhus (cahnor@ous-hf.no)
Variant interpretation and data sharing	NACG has had a long focus on variant interpretation including an earlier exercise to benchmark between according to ACMG criteria. If there is an interest NACG could explore in more depth as to how ACMG criteria are used including running a new benchmarking exercise.	McAdam, Stephen (stephen.mcadam@dnvgl.com) & Dag Erik Undlien (d.e.undlien@medisin.uio.no)

About NACG

The Nordic Alliance for Clinical Genomics is an independent, non-governmental, not-for-profit, Nordic association open for organizational and individual members.

Our overall mission is to work together and learn from each other to lift performance standards. We aim at responsible sharing of trustworthy data for improved diagnosis and treatment, and as a resource for research.

Our goals are to

- Facilitate the **responsible sharing** of genomic data, bioinformatics tools, sequencing methods and best practices for interpretation of genomic data.
- **Enhance quality** of genomic data and processes and explore methodologies to provide assurance.
- Understand **legal barriers** to the implementation of personalised medicine and to engage with key stakeholders that influence these barriers
- Develop **demonstration projects** that challenge perceived legal barriers that limit responsible and ethical sharing of genomic and health data.
- **Build bridges** between research and clinical communities, technologies and practices to foster innovation

To learn more about the Nordic Alliance for Clinical Genomics please visit our website at https://nordicclinicalgenomics.org/ or contact us at post@nordicclinicalgenomics.org.

Workshop reports from previous events, NACG papers and governing documents are available at https://nordicclinicalgenomics.org/resources

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