

6-7 FEBRUARY 2020 | HELSINKI, FINLAND

# International Congress on Quality in Laboratory Medicine

## Optimizing the Quality and Use of Laboratory Results

### THE CONGRESS

Labquality Days is one of the largest international congresses in 2020 focused on quality and laboratory medicine. The congress is held 6-7 February 2020 at Messukeskus Helsinki, Finland. The leading theme of the 2020 congress is Optimizing the Quality and Use of Laboratory Results. Come and enjoy the inspiring scientific atmosphere and spend a couple of days in lively Helsinki!

#### Participation fee

Early bird (until 30 November 2019)  
390 € + VAT 24%

#### Registration and more information

[www.labqualitydays.com](http://www.labqualitydays.com)  
[info@labquality.fi](mailto:info@labquality.fi) | tel. +358 9 8566 8200

#### Venue

Messukeskus Helsinki, Finland

#### ePoster Exhibition

Deadline for abstract submission is  
30 November 2019

#### Follow us

@LabqualityDays @LabqualityEQAS #LQD2020

In connection with Labquality Days is an  
exhibition with 60 diagnostic companies.

### THE ORGANISER

Labquality is an international service organization dedicated to improving patient safety. Our main products include external quality assessment (EQA) services and quality controls for internal quality assessment (IQA). Labquality offers clinically relevant EQA for all areas of laboratory medicine with over 45 years of know-how and experience. Currently over 6000 laboratories and point-of-care testing sites around the world participate in our EQA schemes.

Under the auspices of:

# Scientific Program Optimizing the Quality and Use of Laboratory Results

## Keynote speakers



### Transforming Complex Laboratory Data into Meaningful Information for Patients and Families

**Holly Witteman, Associate Professor, Université Laval, Canada**

People are increasingly able to access their laboratory results directly via patient portals. This is a positive development and has the potential to help improve health and self-management, especially among people living with chronic conditions. However, some health professionals and others are concerned about the potential for test results to cause confusion or anxiety among patients.



### The Harmonization Journey: Where Are We Going

**Greg Miller, Professor, Virginia Commonwealth University, USA**

Harmonized results are required for medical diagnosis, treatment and monitoring based on decision values for laboratory test results. Milestones in understanding and applying processes for standardization and harmonization of laboratory test results inform current practice and future directions.

## Harmonization of medical laboratory practices

### Communication with Clinicians and Patients

**Maurice O'Kane**, Consultant chemical pathologist, Western Health and Social Care Trust, N. Ireland

### Quality of Comments for the Clinicians

**Eva Ajzner**, Laboratory Director, Jóna University Hospital, Hungary

### Establishing and Using Reference Intervals

**Yesim Özarda**, Professor, Uludag University, Turkey

### The Relevance of Harmonization of Test Results and the Role of EQA

**Wim Coucke**, Statistician, Sciensano, Belgium

### Harmonization of Best Laboratory Practices on an International Scale - Case SYNLAB North Europe

**Tommi Vaskivuo**, Chief Medical Officer, Synlab North Europe, Estonia

### Reliability of Biological Variation Data: The Biological Variation Data Critical Appraisal Checklist (BIVAC) and the EFLM Biological Variation Database

**Aasne K. Aarsand**, Vice-Director Norwegian Porphyria Centre, Haukeland University Hospital, Norway

### Determination of Sigma Score Based on Biological Variation: Fit-for-Purpose for Daily Practice?

**Piet Meijer**, Director, ECAT Foundation, The Netherlands

**Expert panel - Optimizing the quality and use of laboratory results.** Which part of the total testing cycle should we especially focus on improving in a five year perspective and why? Moderator **Gudjon Elvar Theodorsson**, Professor, Linköping University, Sweden

## Quality assurance of new measurement technologies

### Options for EQA Programs in Molecular Biology

**Verena Haselmann**, Senior medical doctor, Heidelberg University, Germany

### Optimal Use of Markers for Myocardial Damage

**Ola Hammarsten**, Professor, Gothenburg University, Sweden

### Optimal Use of Cardiac Markers in Primary Care

**Paul Collinson**, Professor, St George's University of London, UK

### Are Guidelines Still Relevant in the Age of Personalized Medicine?

**Michel Langlois**, Professor, AZ St. Jan Hospital, Belgium

### Non-invasive Measurements of Biomarkers

**Augustinas Vizbaras**, CTO Sensor and Chip Technology, Brolis Semiconductors, Lithuania

### Is the Quality of Self-Monitoring Devices and Mobile Apps Sufficient for the Intended Use?

**Ivan Brandslund**, Professor, University of Southern Denmark and Vejle Hospital, Denmark

### The Methods Used by the Scandinavian SKUP Collaboration for Evaluating Point-of-Care Measurement Systems

**Anne Christin Breivik**, Head of Administration, SKUP, Norway

Visit to FIMM – Institute for Molecular Medicine in Finland. [www.fimm.fi](http://www.fimm.fi)