

INSTAND: Promoting Quality in Medical Laboratories



Volume 2, April 2024

INSTAND NEWSLETTER

Dear Colleagues,

Welcome to the spring edition of the INSTAND newsletter.

The IGLD-INSTAND Annual Meeting 2024, which took place this year from March 7 to 9 at the Congresshall by the zoo in Leipzig, was a complete success. The unity of "Clinic—Diagnostics—Therapy and Science" formed the cornerstone of our free event. We want to thank the 800 participants and 180 speakers. The 27th IGD-INSTAND conference will occur in Frankfurt/Main at Kap Europa **from March 6 to 8, 2025**.

Topics in this issue:

- New EQA scheme Clinical Chemistry - High Frequency (EQAS 7100)
- INSTAND Academy: Registration is now open for advanced training in CSF diagnostics
- Introducing: our new employees in Duesseldorf
- GenomeMET Project: New Article
- Future Events
- The latest INSTAND Publications.

If you would like to subscribe to our newsletter, please click [here](#). Feedback or changes to your contact details can be sent [here](#).

Happy reading!

With kind regards
Your INSTAND Team

Prof. Dr. med. Michael Spannagl
Prof. Dr. rer. nat. Ingo Schellenberg
Prof. Dr. med. Klaus-Peter Hunfeld



Impressions from the IGLD-INSTAND Annual Conference 2024

New EQA Scheme Clinical Chemistry - High Frequency (EQAS 7100)

As an additional module in our EQA program, we have introduced a new concept for external quality control in the field of clinical chemistry. Our latest EQA scheme 7100 offers participants the opportunity to carry out external quality control measurements **on a monthly basis**. This high-frequency program is also characterized by the fact that we provide EQA material in which we have determined target values for 18 measurands using reference measurement procedures in our calibration laboratory accredited by DAkkS in accordance with DIN EN ISO/IEC 17025 and DIN EN ISO 15195. This involves metrological traceability of the target value to a primary standard or a primary reference measurement procedure. These target values can be used to evaluate the monthly measurement results submitted by our participants **based on accuracy**. The evaluation takes place **within two working days**.

Measurands::

CK	GOT (ASAT)	Potassium
Calcium	GPT (ALAT)	Protein
Chloride	Glucose	Sodium
Cholesterol	LDH	Triglycerides
Creatinine	Lithium	Urea
GGT	Magnesium	Uric Acid

Time Schedule::

- Registration for a period of 6 months for monthly participation
- Registration deadline: May 31, 2024
- Sample Shipment: June 18, 2024
- Closing date: from July 2024 on the 7th calendar day of each month
- Evaluation: 2 working days after the closing date (6 monthly certificates and one half-year certificate)

Sample Material:

- 12 samples á 5ml (6 sample sets with 2 samples each) for monthly participation
- Lypholized serum

[Register now](#)

INSTAND Academy

Registration for the CSF Diagnostics Training Course Open

CSF cytodiagnosics training includes exciting lectures, interactive cell classification training, and a practical microscopy examination. **This course is offered in German only.** The German Society recognizes the CSF Diagnostics and Clinical Neurochemistry (DGLN) certificate for the specialist qualification in CSF diagnostics and clinical neurochemistry (CSF certificate laboratory).

The following dates are offered this year:

1. **August 2, 2024, from 2 to 5 p.m. in Ulm (20 places, recommended for advanced students)**
2. **September 13, 2024, from 9 a.m. to 3 p.m. in Jena (70 places, suitable for beginners)**

Price: **p.P. 149 €.**

You can find the registration forms for the training course [here](#).

The organizers guarantee that the training measure is designed to be product and/or service-neutral. The scientific management and speakers will disclose any potential conflicts of interest relating to the content of the training event in their contributions. Continuing education points will be applied for the relevant state medical association and the DIW-MTA for the event.

Please note: Participants can only register in person. If the employer reimburses, we require a written confirmation of reimbursement, which must be uploaded directly in the registration form.

We look forward to welcoming you to the CSF cytodiagnosics training course.

Introducing our new Team Members

Please join us in welcoming our new team members to the Scientific Research & Development / INSTAND Academy team. You can find the complete INSTAND team [here](#).



Alina Groß
Scientific Research &
Development /
INSTAND Academy

Sina Barghahn
Scientific Research &
Development /
INSTAND Academy

EU Horizon 2020 h01 GenomeMET Project

Metrology for Genetic Profiling to support early Cancer Detection and Precision Medicine

In our [April 2023 newsletter](#), we reported on our participation in the international, interdisciplinary GenomeMET project, which started in July 2023.

GenomeMET aims to develop new metrological methods and reference measurement systems (RMS) to support genomic cancer diagnostics over three years. The international project comprises a strong team of eight National Metrology Institutes, two pathology institutes, two cancer institutes, two proficiency testing organizations, two industry partners, and a National Genome Center.

This project will support earlier and more accurate cancer diagnosis and customized treatment strategies, representing a significant step towards a future where cancer treatment is not just a standard procedure but a personalized path to recovery.

Read a recently published news article on the status of the project [here](#).

[Publication](#)

Future Events



ECCMID
April 27-30, 2024
Barcelona, Spain

Current information can be found [here](#).



Medlab Asia
July 10-12, 2024
Bangkok, Thailand

Read more [here](#).



ADLM
July 28 - August 1, 2024
Chicago, USA

You can find the latest information [here](#).

Find all INSTAND events [here](#).

Latest Publication

Investigating the Current Harmonization Status of Tumor Markers Using Global External Quality Assessment Programs: A Feasibility Study

Huub H van Rossum, Stefan Holdenrieder, Bart E P B Ballieux, Tony C Badrick, Yeo-Min Yun, Chuanbao Zhang, Dina Patel, Marc Thelen, Junghan Song, Nathalie Weiss, Nick Unsworth, Hubert W Vesper, Wei Cui, Lakshmi V Ramanathan, Catharine Sturgeon, Qing H Meng

Clinical Chemistry, April 2024

[To the Article](#)



Longitudinal Analysis of External Quality Assessment of Immunoassay-based Steroid Hormone Measurement indicates Potential for Improvement in Standardization

Laura Vierbaum, Nathalie Weiss, Patricia Kaiser, Marcel Kremser, Folker Wenzel, Mario Thesis, Ingo Schellenberg, Peter B. Lippa

Frontiers, January 2024

[To the Article](#)



Quality Assessment of Glucose Measurement with regards to Epidemiology and Clinical Management of Diabetes Mellitus in Germany

Peter B. Lippa, Michael Zeller, Marija Pieper, Patricia Kaiser, Nathalie Weiss, Laura Vierbaum, Guido Freckmann

Frontiers, March 2024

[To the Article](#)



Longitudinal Analysis of 20 Years of External Quality Assurance Schemes for PCR/NAAT-based Bacterial Genome Detection in Diagnostic testing

Marcel Kremser, Nathalie Weiss, Anne Kaufmann-Stoeck, Laura Vierbaum, Silke Kappler, Ingo Schellenberg, Andreas Hingeist, Volker Fingerle, Michael Baier, Udo Reischl

Frontiers, March 2024

[To the Article](#)



External Quality Assurance Program for Diagnostic Complement Laboratories: Evaluation of the Results of the past Seven Years

Michael Kirschfink, Ashley Frazer-Abel, Emese Balogh, Sabine Goseberg, Nathalie Weiss, Zoltan Prohaszka

Frontiers, March 2024

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