

INSTAND

Promoting Quality in Medical Laboratories



Volume 3, July 2024

INSTAND NEWSLETTER

Dear Colleagues,

Welcome to the summer edition of the INSTAND newsletter. Here are the highlights:

- News about INSTAND EQA schemes
 - EQA Scheme Program 2025
 - New EQA scheme: CAR-T cells
 - News from the POCT Glucose EQA Scheme
- INSTAND Academy - Online seminar in the summer of 2024
- Introducing: our new employees in Duesseldorf
- Impressions from Medlab Asia in July 2024 and future events
- the latest INSTAND publications.

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

INSTAND EQA Schemes

New EQA Scheme CAR-T Cells

CD19-directed CAR-T cell therapy is now standard in treating aggressive and indolent lymphomas and relapsed BCP-ALL. CAR-T cell expansion after transfusion is associated with the occurrence of toxicities, is relevant for the prediction of therapy response, and is, therefore, an important biomarker in the therapy management of these patients.

INSTAND plans to offer a pilot EQA scheme for interested laboratories this year.

Due to the expected high level of interest and the limited sample material, we must initially limit the EQA scheme to institutions active in patient care and the DACH region.

The exact dates and further information will follow.



Our new EQA scheme program and the catalog for 2025 will be published at the end of August this year to give you timely insight into the current program.

You can access our current EQA program and the catalog [here](#).

News from the POCT Glucose EQA Scheme

As a proficiency testing organization, we aim to offer control material that is as similar as possible to the patient sample. Ideally, the EQA material is processed and stabilized as little as possible. Therefore, point-of-care testing (POCT) is a particular challenge for us in terms of providing suitable sample material.

Glucose is measured directly from capillary whole blood in patients using POCT devices. If not stabilized, the glucose concentration in whole blood decreases by 5-7% every hour. At INSTAND, we have developed a concept for POCT Glucose, which enables us to provide a native whole blood sample into which the participant adds a defined amount of glucose in the form of a pressed bead immediately before the analysis. With this concept, we can altogether dispense with stabilizing additives and thus come very close to the fresh whole blood sample.

We will offer this concept to all our participants in the POCT Glucose EQA scheme starting in 2025.

INSTAND ACADEMY

Online Seminar

Online-Seminar with Prof. Dr. Hunfeld on the diagnosis of lyme borreliosis and the EQA Infection Serology - Borrelia burgdorferi antibodies (322)

Date: August 20, 2024 3-4 PM (CET)

FREE OF CHARGE

Important note: Depending on the registered participants, the seminar will be held in either English or German (not both). You will be informed of the actual language two weeks before the appointment.

The seminar will focus on the basics and important aspects for the diagnosis of Lyme borreliosis. Afterwards, Prof. Dr. Hunfeld will briefly discuss the EQA scheme 322 - Infection serology - Borrelia burgdorferi antibodies with a focus on the EQA from June 2024.

You can find the registration form [here](#).

WE INTRODUCE: OUR NEW EMPLOYEES

Please join us in welcoming our new employees to the calibration laboratory and commercial management team. The complete INSTAND team can be found [here](#).

Fiona Cox
Employee
Calibration Laboratory

Alexander Larbig
Employee
Calibration Laboratory

Dr. Simone Pütz
Commercial Specialist

Thomas Hauchwitz
Accountant

EVENTS



From July 10 to 12, 2024, we were represented on the Asian market for the first time at Medlab Asia in Bangkok, Thailand. We presented the full range of services offered by INSTAND and LaboZert (a 100% subsidiary of INSTAND), with a special focus on LaboZert's crucial role in certifying medical laboratories according to the requirements of quality management systems as per Rili-BÄK (Guideline of the German Medical Association on Quality Assurance in Medical Laboratory Examinations).

Future Events



ADLM
28 July - 1 August, 2024
Chicago, USA

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



AAL 2024
13 - 15 September 2024
Duesseldorf, Germany

Read more [here](#).

Find all INSTAND events [here](#).

Latest Publications



Use of logit transformation within statistical analyses of experimental results obtained as proportions: example of method



Longitudinal evaluation of laboratory results and method precision in worldwide erythropoietin external quality assessments



External quality assessment schemes in bacteriology support public health in Germany - results from 2006 - 2023



Longitudinal evaluation of external quality assessment results for CA 15-3, CA 19-9, and CA 125

validation
experiments and
EQA in flow
cytometry

To the Article

To the Article

To the Article

To the Article

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