

## Biennial activity report from JCTLM Member organizations

All JCTLM Members are invited to attend the Members' and Stakeholders' Meeting, which is held once every two years, and submit a report of their activities in support of traceability in laboratory medicine over the preceding period.

For that purpose this template document provides guidance to JCTLM Members for drafting their biennial activity report. Organizations are invited to provide the information below for submission to the Executive Committee.

**Organization Name:** Weqas

**JCTLM Member status:** Stakeholder Member

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**Period covered:** 2022 – 2023

### 1. Major achievement(s) in support of standardization in laboratory medicine

- Transferred creatinine ID-GCMS reference method to ID-LCMS/MS. Once fully validated this method will be put forward for accreditation and subsequently used for Weqas EQA Reference Measurement.

### 2. Planned activity(ies) in support of standardization in laboratory medicine

- Transfer of electrolyte measurements from FAAS/FAES to ICP-MS. Initial work on sodium is in the validation stage. Potassium, calcium, magnesium and lithium to follow immediately after. Accreditation of these methods will be sought at the next accreditation visit.
- Full validation and accreditation of progesterone Reference Measurement method using Tandem LC-MS-MS.
- Development of bilirubin Reference Measurement method (ongoing).
- Development of Salicylate Tandem LC-MS-MS Reference Measurement method (ongoing).

### 3. Promoting traceability in laboratory medicine

4. Does the Performance of Routine Bile Acid Methods Meet the Requirement for Risk Management of Intrahepatic Cholestasis of Pregnancy?: Euromedlab Rome 2023

### 5. Reference laboratory networks /collaborations focusing on developing /implementing reference measurement systems

- JCTLM Review Team Leader for Electrolytes and Blood Gases (David Ducroq)
- JCTLM Review Team member for:
  - Metabolites (David Ducroq)
  - Non-peptide hormones (David Ducroq)
- Chair of the HALMA (harmonization of measurands in laboratory medicine through data aggregation) working group: Measurand (creatinine, calcium and albumin) (David Ducroq)
- Member of the HALMA (harmonization of measurands in laboratory medicine through data aggregation) working group: Description of Methods Used by EQA Organizers (Annette Thomas)
- Member of European Metrology Network (EMN), Traceability in Laboratory Medicine (TraceLabMed)

### 6. Open questions and suggestions to be addressed by JCTLM

(Suggestions on issues related to standardization and metrological traceability that should be considered by the JCTLM)

Note: The information of this report will be accessible publicly on the relevant JCTLM Members webpage, unless the author of the report states otherwise. In the case the organization does not authorize the publication of the report in part or full, the author will add a statement to clarify which part(s) of the report will /will not be rendered public.<sup>3</sup>