Organization Name: Weqas, UK
JCTLM Member status: Stakeholder Member
Author(s): David Ducroq
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Period covered: 2020 – 2021

1. Major achievement(s) in support of standardization in laboratory medicine
   - Testosterone and cortisol LC-MS-MS methods fully accredited to ISO 17025 incorporating ISO 15195
   - Launched accredited EQA programme for SARS-CoV-2 antibody.

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 has commenced. Potassium, calcium, magnesium and lithium to follow.
   - 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
   - Trueness of Calcium Measurements in the UK: Comparison to a Reference Measurement Method: Euromedlab Munich 2021 (postponed)

4. Reference laboratory networks /collaborations focusing on developing /implementing reference measurement systems
   - Member of JCTLM Working Group for Traceability, Education and Promotion
   - 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 and calcium) (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)

5. 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)