



IQLS

INTEGRATED QUALITY
LABORATORY SERVICES

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EQA | Training | Assessments | Strategies | IT Tools & Data Management | Quality Assurance
One Health Approach | ISO Standards | MDRTB | Antimicrobial Resistance | Biosafety | Biorisk

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Integrated Quality Laboratory Services - IQLS
SAS au capital de 20 000 euros
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GENERAL PRESENTATION

IQLS is an international consulting agency whose aim is to improve public health by increasing the quality of services in medical and veterinary laboratories, networks and systems.

“You have left our lab buzzing with ideas. Everyone is charged and motivated to do more and increase the standards of quality ... We feel better equipped to do our daily work as well as future tests and analysis”

-Dr. Eshani Dewan, Ludhiana, India



▶ SERVICES

AUDITS AND ASSESSMENTS

- ▶ General laboratory evaluations
- ▶ Laboratory systems assessments (human, veterinary, and food safety)
- ▶ Evaluations based on ISO standards (15189, 17025, 17043)
- ▶ Laboratory assessment tools development for:
 - Communicable and epidemic prone diseases
 - Vertical programmes
 - High security laboratories
- ▶ Specific work using Geographic Information Systems (GIS) to display laboratory indicators
- ▶ Field evaluations during complex emergencies

LABORATORY REGULATIONS & POLICIES

- ▶ Collaboration with Ministries of Health and Agriculture
- ▶ Laboratory networks, laboratory coordination and control mechanisms plans
- ▶ Reference laboratory organization
- ▶ Laboratory network organization
- ▶ Sample transportation system organization
- ▶ Development of regulations for laboratory systems and individual laboratories
- ▶ Coordination of pre- and post-analytical steps in outbreak response
- ▶ Updates of legislative text

TRAINING & WORKSHOPS

- ▶ Training on: QA, communicable diseases, antibiotic resistance, biosafety, TB, malaria, HIV, QMS, diagnostic methods, laboratory software and IT tools.
- ▶ Training for and implementation of Proficiency Testing programs (practical training, PT data management software, program implementation)
- ▶ Outbreak response simulation exercises
- ▶ Practical training on workflow optimization, staff competency assessment and lab organization
- ▶ Document development (SOPs, manuals, and others)

IT TOOLS

- ▶ Software for supporting ISO 15189 compliance
- ▶ Laboratory Information Management Systems and laboratory electronic logbooks
- ▶ Proficiency Testing data management software development
- ▶ Electronic laboratory reporting using mobile phone technology
- ▶ Software for equipment preventive maintenance management
- ▶ Customized tool development upon request

QUALITY ASSURANCE (QA)

- ▶ QA audits
- ▶ QA training
- ▶ QMS implementation
- ▶ Development of laboratory policies
- ▶ Design of guidelines (QA manual, biosafety manual, SOPs, job aid)
- ▶ Laboratory mentoring

EQA/PT

- ▶ Panel testing or proficiency testing program
- ▶ Re-checking of pathological materials/slides program
- ▶ Organization of EQA schemes:
 - TB (microscopy, identification, DST, GeneXpert)
 - Dengue and Chikungunya
 - Malaria
 - Zika
- ▶ Customized schemes upon request

IQLS EXPERTISE

At IQLS, we understand laboratories from the public policy level down to the daily functions. Whether your goal is to improve your operations, receive accreditation or implement International Health Regulations, our expert consulting team will partner with you and provide the support you need to be successful.

We believe that by combining our 20 years' of expertise with the knowledge of the in-the-field experts, we create powerful solutions that sustainably strengthen laboratory capacities and capabilities.

- ▶ **Dr. Antoine Pierson**, Founder and Chief Scientific Officer
- ▶ **Arnaud Orelle**, Laboratory Specialist, EQA Program Coordinator
- ▶ **Dr. Laurence Pierson-Manivet**, Chief Operations Officer
- ▶ **Aazam Zandi**, Chief Technology Officer
- ▶ **Maimouna Tognama-Mbona Traoré**, Chief Financial Officer



“IQLS has great, worldwide experience implementing projects for laboratory infrastructure development in developing/emerging countries, particularly in Asia and Africa. It has good relationships and collaborates with the WHO, US CDC and other worldwide organizations. IQLS staff members are proficient and they always deliver a good and valuable product to the client.”

-Arsen Zacharyan, Armenia

