

08. Novel field-evaluated LAMP-PURE molecular technology for TB screening

**THE 46TH UNION
WORLD CONFERENCE
ON LUNG HEALTH**

CAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

Friday, 04 December 2015, 17:30 - 18:45

Room MR 2.61-2.63

Type of session	Sponsored Satellite Symposium
Track	TB diagnostics, including molecular methods
Organised by	Human Gesellschaft für Biochemica und Diagnostica mbH
Description	This symposium aims to demonstrate new ways for applying the novel LAMP-PURE molecular technology for screening of TB on a peripheral and even community level. LAMP-PURE technology incorporates the advantages of molecular testing of fast (TAT less than 90 min), sensitive and specific pathogen detection and at the same time overcomes the limitations of current molecular methodologies with regard to shortcomings in throughput and requirements of laboratory infrastructure. We will give detailed insight into the LAMP molecular technology in combination with the innovative PURE extraction method, as well as ample clinical laboratory data from field studies demonstrating the suitability of LAMP-PURE for TB screening in a.m. settings.
Target audience	<ol style="list-style-type: none"> 1. Policy-makers, public health professionals 2. Laboratory decision makers
Objectives	<ol style="list-style-type: none"> 1. Present a new molecular technology suited for screening of TB 2. Discuss new opportunities of TB diagnostics, as well as limitations and shortcomings
Keywords	Molecular technology; diagnostics
Coordinator(s)	Claudius Nassabi (Germany), Melanie Rohling (Germany)
Chair(s)	Claudius Nassabi (Germany), Grace Kahenya (Zambia)
Presentations	<p>17:30 - 17:45 Introduction Claudius Nassabi (Germany)</p> <p>17:45 - 18:15 Novel molecular diagnostic platform for tuberculosis diagnosis: PURE-TB-LAMP Shinichi Kojiya (Japan)</p> <p>18:15 - 18:45 Point of care: practical advantages of PURE-TB-LAMP Satoshi Mitarai (Japan)</p>