

Technical assistance and support by Supranational Reference Laboratory (SRL) in Milan for TB laboratory strengthening and drug resistance surveillance (DRS) related activities in selected countries

Final Report SPHQ12-LOA-62

The SRL in Milan is located within the campus of the Fondazione Centro San Raffaele (FCSR) and ospedale san Raffaele (OSR) in Milan, Italy. At present the laboratory offers technical assistance to several countries including those specifically mentioned in this agreement.

Planned activities:

DRS: Albania, Burkina Faso, Kosovo, Macedonia, Nigeria, Turkey, Tanzania (Islamic Republic of)

EXPAND-TB: Cote d'Ivoire, Djibouti, Mozambique

SRL-Milan in Countries activities were performed as follows:

1. Visit to Countries for delivering technical assistance:

	Activity	Performed	Days in Country	Days additional activities	Annex
Djibouti	Technical assistance/supervision/planning	23-26/03/ 2013	4	4	Annex 1
Burkina Faso	Technical assistance/supervision/planning	20/9- 22/10 2012 20/01 - 2/02/2013 22/06-10/07/2013	57	20	Annex 2 Annex 3 Annex 4
Ivory Coast	Technical assistance/supervision/planning	25/02 - 1/03/2013 17/03 - 22/03/2013	12	10	Annex 5 Annex 6
Kosovo	Technical assistance/supervision	23– 27/09/2012 22-26/04/2013	10	5	Annex 7 Annex 8
Mozambique	Supervision/planning Xpert introduction	19/01-3/02/2013 11-17/03/2013 13-19/05/2013 (meeting)	15	22	Annex 9 Annex 10
Nigeria	Supervision/prevalence survey monitoring	6-12/12/2012 5-10/03/2013 (Meeting for critical revision of preliminary results of TB prevalence survey and draft of slide presentation) 8-15/04/2013	19	35	Annex 11 Annex 12 Annex 13
Zanzibar	Supervision/training	16-21/03/2013	5	4	Annex 14

2. Training courses, PT panels for culture/DST, or technical assistance at the NRL

	activity	performed
Burkina Faso	Training for culture and LPA Cultures and DST Panel for LPA	September 2012 (Annex 2) March 2013 (Annex 15)
Djibouti	LPA EQA	September 2012 (Annex 16)
Ivory Coast	Panel for DST	March 2013 (Annex 15)
Mozambique	Panel for DST and LPA Retesting	March 2013 (Annex 15) November 2012 (Annex 17)
Nigeria	Panel for DST	March 2013 (Annex 15)
Tunisia	Panel for DST	March 2013 (Annex 15)

3. Laboratory and coordination activities at SRL

From daily to monthly phone/ skype call or email on advancements with all the Reference laboratory responsible person and or NTP manager.

Preparation and shipment of panels of strains for quality assurance purposes were performed for the following Countries: Mozambique and Turkey. Evaluation and feed-back to Countries from previous EQAs.

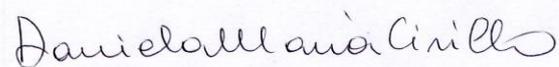
2. tests performed at the SRL for diagnosis of tuberculosis, DR tuberculosis, DRS purposes or External Quality Assessment.

COUNTRY	SAMPLES	NUMBER	ANALYSIS
Burkina Faso	Frozen sputa	64	Full diagnostic protocol, molecular and conventional, DST second line for MDR
Djibouti	DNA	10	LPA (Annex 16)
Mozambique	strains	61	Reculture, DNA extraction, LPA, First and second line DST (Annex 17)
		120	Subculture and purity check

3) training in Milano (as cofinancing activity)

topic	Country	days	date
LPA/ eXpert	Kosovo	6	September 2012
TB lab management and LPA/eXpert	Djibouti	11	November 2012
First/Second line DST	Nigeria	6	December 2012
Molecular typing	Turkey	18	February –march 2013

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