

Integrated Laboratory Training Workshop Agenda

Bahir Dar – Ethiopia

December 7-13, 2003

■ Day 1 Sunday - December 7, 2003

❖ Opening Program

4:00 – 6:00 p.m.	Registration	
6:00 – 6:30 p.m.	Welcome Introductions Workshop Goals and Objectives	MoH, CDC Ethiopia Dr. Tadesse Wuhib Dr. Robert Martin
7:00 p.m.	Reception / Dinner	

■ Day 2 Monday - December 8, 2003

Moderator: TBD

❖ Morning Session – Development of Public Health Laboratory System

❖ Afternoon Session – Laboratory Quality Systems

7:00 – 8:00 a.m.	Registration	
8:00 – 8:30 a.m.	A Public Health Laboratory System	Dr. Robert Martin
8.30- 9:15 a.m.	Core Functions of a Public Health Laboratory	Mr. Rick Alexander
9:15 – 9:35 a.m.	Laboratory Services in Ethiopia	MOH / EHNRI
9:35-10:00 a.m.	WHO Survey of Laboratory System in Ethiopia	Dr. Admas Teffera
10:00 – 10:20 a.m.	Break	
10:20 – 12:30 p.m.	Development of Ethiopia's Public Health Laboratory System ❖ Workgroup Session – Part I ❖ Instructions – Part II Workgroup sessions	Mr. Rick Alexander
12:30 – 2:00 p.m.	Lunch	
2:00 – 3:00 p.m.	Introduction to Laboratory Quality Systems	Dr. Yohannes
3:00 – 3:20 p.m.	Break	
3:20 – 4:15 p.m.	An Overview of Laboratory Safety	Dr. Yohannes
4:15 – 5:00 p.m.	Safety practices in Ethiopia	Dr. Tsehaynesh
5:00 – 5:30 p.m.	Quiz and Review	

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■ Day 3 Tuesday - December 9, 2003

Moderator: TBD

❖ Laboratory Quality Systems

8:00 – 9:00 a.m.	Documents and Records	Dr. Robert Martin
9:00 – 10:00 a.m.	Quality Control: Introduction	Mr. Pawan Angra
10:00 – 10:20 a.m.	Break	
10:20 – 11:20 a.m.	Quality Control: Preparation of In-house Controls for ELISA tests	Mr. Kyle Bond
11:20 – 12:30 p.m.	Quality Control: Analysis of Data	Mr. Pawan Angra
12:30 – 2:00 p.m.	Lunch	
2:00 – 3:00 p.m.	Quality Control: Monitoring QC Data	Mr. Pawan Angra
3:00 – 3:20 p.m.	Break	
3:20 – 3:50 p.m.	Equipment Management	Dr. Ron Ballard
3:50 - 4:15 p.m.	Equipment Management: Local Practices	MOH/EHNRI
4:15 - 4:45 p.m.	Overview of Specimen Management	Dr. Ron Ballard
4:45 – 5:15 p.m.	Quiz and Review	

■ Day 4 Wednesday - December 10, 2003

Moderator: TBD

❖ HIV/AIDS

8:00 – 8:30 a.m.	An Overview of HIV/AIDS	Dr. Shabir
8:30 – 9:15 a.m.	HIV/AIDS In Ethiopia	Dr. Asegid
9:15 – 10:00 a.m.	Clinical picture of HIV in Ethiopia	Dr. Tekeste
10:00 – 10:20 a.m.	Break	
10:20 – 11:30 a.m.	Overview of Testing Technologies: ELISA / Western Blot	Mr. Kyle Bond
11:30 – 12:30 a.m.	Rapid HIV Tests	Mr. Belete

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■ **Day 4 Wednesday - December 10, 2003 (Cont.)**

12:30 – 2:00 p.m. Lunch

2:00 – 2:30 p.m.	National Evaluation of Rapid HIV Tests	Mr. Belete,
2:30 – 3:30 p.m.	Evolution of New Technologies: Dried Blood Spots (DBS)	Mr. Kyle Bond

3:30 – 3:45 p.m. Break

3:45 – 5:00 p.m.	Evolution of New Technologies: P24 Antigen, Viral Load, CD4, Incidence Testing	Dr. Dawit
5:00 – 5:30 p.m.	Quiz and Review	

■ **Day 5 Thursday - December 11, 2003**

Moderator: TBD

❖ **Tuberculosis**

8:00 – 9:00 a.m.	TB and HIV	Dr. Berhane Kidane- Mariam
9:00 – 10:00 a.m.	Safety in the TB Laboratory ❖ Risk Assessment Video	Mr. Rick Alexander

10:00 – 10:20 a.m. Break

10:20 – 11:30 a.m.	Overview of Diagnostic Procedures for TB: AFB Microscopy	Mr. Pawan Angra
11:30 – 12:30 p.m.	External Quality Assessment (EQA) for AFB Microscopy	Mr. Ron Ballard

12:30 – 2:00 p.m. Lunch

2:00 – 3:00 p.m.	EQA for AFB Program in Ethiopia	Dr. Eshetu Lamma
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3:00 – 3:20 p.m. Break

3:20 – 4:00 p.m.	TB Culture	Mr. Rick Alexander
4:00 – 4:30 p.m.	Drug Susceptibility Testing in Ethiopia	Dr. Eshetu Lemma
4:30 – 5:00 p.m.	Quiz and Review	

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■ Day 6 Friday - December 12, 2003

Moderator: TBD

- ❖ Sexually Transmitted Infections (STI)
- ❖ Malaria
- ❖ Opportunistic Infections (OI)

8:00 – 9:00 a.m.	Overview of STIs in Ethiopia <ul style="list-style-type: none">❖ Historical perspective and epidemiology❖ Evaluation of syndromic management❖ Collaborative study	Dr. Afewort Dr. Dawit Dr. Asamenew
9:00 – 10:00 a.m.	Syndromic Management	Dr. Ron Ballard
10:00 – 10:20 a.m.	Break	
10:20 – 11:30 a.m.	Laboratory Diagnosis of Syphilis: Serology	Dr. Ron Ballard
11:30 – 12:30 p.m.	Laboratory Diagnosis: Genital Ulceration & Discharges	Dr. Ron Ballard
2:00 – 2:30 p.m.	Malaria: Introduction	MOH
2:30 – 3:15 p.m.	Malaria: Laboratory Methods	Mr. Moges Kassa
3:15 – 3:30 p.m.	Break	
3:30 – 3:45 p.m.	DPDx Image CD-ROM	Dr. Robert Martin
3:45 – 5:00 p.m.	Overview of Opportunistic Infections	Dr. Robert Martin
5:00 - 5:30 p.m.	Quiz and review	

■ Day 7 Saturday - December 13, 2003

Moderator: TBD

- ❖ Development of Public Health Laboratory System: Next Steps

8:30 – 10:00 a.m.	Workgroup Reports - Part II – Discussion	Mr. Rick Alexander
10:00 – 10:15 a.m.	Break	
10:00 – 12:00 p.m.	Planning Session / Discussion <ul style="list-style-type: none">❖ Prioritize objectives❖ Regional workgroup discussions	Mr. Rick Alexander

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- 12:00 – 1:00 p.m. Closing Ceremony MOH / CDC
- ❖ Presentation of certificates
 - ❖ Closing remarks and Vote of Thanks
- 1:00 p.m. **Lunch and disperse**