

FAO TECHNICAL MEETING IN COLLABORATION WITH WHO AND OIE

Brucella melitensis in Eurasia and Middle East

programme

Rome, Italy

11-14 May 2009

FAO Headquarters

Philippines Room - C277





FAO technical meeting in collaboration with



**World Health
Organization**

PROGRAMME

Monday 11 May

OPENING AND CONTEXT SETTING

Chairman: J. Lubroth

Rapporteur: D. Ward

- 13:30 – 14:00 Registration
- 14:00 – 14:15 Opening and welcome
- 14:15 – 14:30 Introduction of participants
- 14:30 – 14:45 Objectives of the meeting and working methodology
- 14:45 – 15:10 Overview of the epidemiological situation of *Brucella melitensis* in the Middle East and Eurasia
- 15:10 – 15:40 Coffee break

FIELD EXPERIENCE WITH THE CONTROL OF *BRUCELLA MELITENSIS* FROM SELECTED COUNTRIES

Chairman: W. Amanfu

Rapporteur: D. Tabbaa

- 15:40 – 16:00 Field experience with using Rev. 1 vaccine for control of brucellosis in sheep and goat in Israel
- 16:00 – 16:20 Surveillance and control of brucellosis in Tajikistan and Armenia
- 16:20 – 16:40 Whole herd vaccination for control of *Brucella melitensis* – implementation in Mongolia
- 16:40 – 17:00 The Macedonian experience
- 17:00 – 17:20 Brucellosis control programme in West Bank and Gaza Strip
- 17:20 – 17:35 Discussions and defining the scope of the working groups
- 18:30 – 19:30 Reception (Indonesia room 8th floor)

SPEAKER

J. Domenech

K. de Balogh

A. El Idrissi

M. Banai

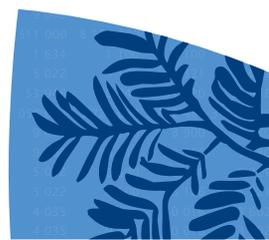
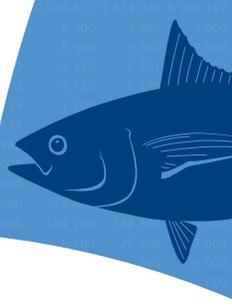
R. Jackson

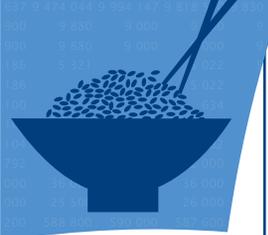
H. Hakobyan

F. Roth

T. Kirandinski

S. Alfukaha





Tuesday 12 May

SPEAKER

TOOLS FOR DIAGNOSIS AND CONTROL OF *BRUCELLA MELITENSIS*: MYTHS AND REALITIES

Chairman: R. Jackson

Rapporteur: W. Amanfu

9:00 – 9:20	Latest developments in diagnostic and surveillance tools	B. Garin-Bastuji
9:20 – 9:40	Time-resolved fluorescent resonance energy transfer assay for the simple and rapid detection of anti-brucella antibodies in ruminants	J. Stack
9:40 – 10:00	Comparison between FPA and conventional serological tests for diagnosis of small ruminants in ocular Rev.1 vaccinated and unvaccinated mixed populations	M. Banai
10:00 – 10:20	Criteria for defining a vaccination program for <i>Brucella melitensis</i>	V. Caporale
10:20 – 10:40	Use of <i>Brucella melitensis</i> rough strains for brucella vaccines	P. Pasquali
10:40 – 10:50	Discussion	
10:50 – 10:55	Group picture	
10:55 – 11:10	Coffee break	

PUBLIC HEALTH ISSUES AND INTERSECTORAL COLLABORATION

Chairman: V. Caporale

Rapporteur: A. Rozstalnyy

11:10 – 11:30	Introduction and overview on public health aspects of <i>Brucella melitensis</i>	H. Kruse
11:30 – 11:50	Serological tests: their ability to detect various anti-brucella antibodies in humans and their use in different contexts	I. Moriyon
11:50 – 12:10	<i>Brucella melitensis</i> -foodborne sources versus animal contact?	A. Robinson
12:10 – 12:30	The Syrian and Jordanian examples for integrated public and veterinary health programmes	D. Tabbaa
12:30 – 12:40	Discussion	
12:40 – 14:00	Lunch	

WORKING GROUPS

WORKING GROUP I: SURVEILLANCE IN ANIMALS AND HUMANS AND DIAGNOSTIC TOOLS • Queen Juliana Room (B-324)

R. Jackson

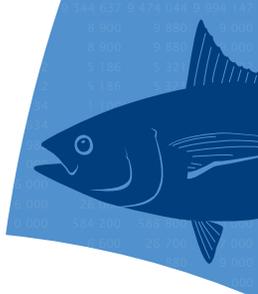
WORKING GROUP II: CONTROL STRATEGIES AND CONTROL TOOLS

B. Garin-Bastuji

• India Room (A-327)

14:00 – 14:15	Introduction to working groups	
14:15 – 15:30	Working groups	
15:30 – 15:50	Coffee break	
15:50 – 16:20	Working groups (cont.)	
16:20 – 17:30	Presentation of working groups I and II (plenary) • Philippines Room (C-277)	
20:00	Dinner (at participants' own expense)	





SPEAKER

Wednesday 13 May

CONTROL STRATEGIES, SOCIO-ECONOMICS AND COMMUNICATION

Chairman: M. Banai

Rapporteur: K. de Balogh

9:00 – 9:20	Control or eradication? A critical step for decision makers	<i>J.M. Blasco</i>
9:20 – 9:40	Options for brucellosis control in central Asia: from study design to intersectoral health economics	<i>E. Schelling</i>
9:40 – 10:00	Control strategies for <i>Brucella melitensis</i>	<i>L. Knopf</i>
10:00 – 10:20	National brucellosis control programmes: constraints, gaps in understanding and lessons learned	<i>D. Ward</i>
10:20 – 10:30	Discussion	
10:30 – 10:50	Coffee break	
10:50 – 11:10	Socio-economic aspects of <i>Brucella melitensis</i> control: challenges for impact assessment	<i>A. McLeod</i>
11:10 – 11:30	Knowledge, attitudes and practices in brucellosis	<i>A. Ramlawi</i>
11:30 – 11:50	Challenges in risk communication for zoonoses with particular reference to brucellosis	<i>S. Sarkar</i>
11:50 – 12:10	The extent of willingness to pay for brucellosis control – preliminary experience from Tajikistan	<i>D. Ward</i>
12:10 – 12:30	Discussion	
12:30 – 14:00	Lunch	

WORKING GROUPS

WORKING GROUP III: DISEASE CONTROL ECONOMICS – FROM PLAN TO PROGRAMME • Queen Juliana Room (B-324)

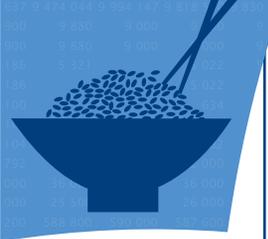
D. Ward

WORKING GROUP IV: CROSS-CUTTING ISSUES • India Room (A-327)

K. de Balogh

14:00 – 14:15	Introduction to working groups
14:15 – 15:30	Working groups
15:30 – 15:50	Coffee break
15:50 – 17:15	Working groups (<i>cont.</i>)





Thursday 14 May

SPEAKER

TOWARDS A SUSTAINABLE BRUCELLOSIS CONTROL

Chair: A. McLeod

Rapporteur: B. Mehraban

9:00 – 9:20

Presentation of working groups III and IV (plenary) • **Philippines Room (C-277)**

9:20 – 9:40

Discussion

9:40 – 10:30

Finalisation of working groups and elaboration of conclusions and recommendations

10:30 – 11:00

Coffee break

FINAL SESSION

Chairman: D. Ward

Rapporteur: A. Robinson

11:00 – 12:00

Conclusions and recommendations (final discussion) (plenary) • **Philippines Room (C-277)**

12:00 – 12:15

Closure

12:15 – 14:00

Lunch

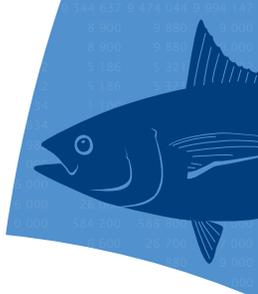
SIDE MEETINGS

14:00 – 17:00

Meetings with FAO, OIE, WHO, WB, EC and selected countries



AGENDA FOR THE WORKING GROUPS



WORKING GROUP I: SURVEILLANCE IN ANIMALS AND HUMANS AND DIAGNOSTIC TOOLS

Chairperson: R. Jackson

- Reporting
- Assessing prevalence
- Sampling and epi approaches for prevalence studies
- Surveys, sampling frames
- Diagnostic tests for brucellosis in animals and humans (RBT, CFT, ELISA, PCR, FPA, etc)
- Standardization and PT/EQA for testing protocols, tests and quality of reagents

WORKING GROUP II : CONTROL STRATEGY AND CONTROL TOOLS

Chairperson: B. Garin-Bastuji

- Vaccines and vaccination protocols, tests, vaccine specifications
- Guidelines for vaccination vs test and slaughter
- Alternative control approaches
- Regional approaches
- Legislation (national, international regulations)
- Research gaps

WORKING GROUP III: DISEASE CONTROL ECONOMICS – FROM PLAN TO PROGRAMME

Chairperson: D. Ward

- Control programmes: options and funding requirements
- Economics
- Compensation funds
- Sustainability and recurrent budgets
- Resource mobilisation
- Trade implications (border controls)

WORKING GROUP IV: CROSS-CUTTING ISSUES

Chairperson: K. de Balogh

- Intersectoral collaboration
 - Public awareness
 - Behaviour change and cultural practices
 - An integrated (One Health) approach for also addressing other zoonoses
 - Expansion of brucellosis control to address other transboundary diseases related to ruminants
 - Gender issues
 - The role of wildlife
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