

TUBERCULOSIS 2012

Biology, Pathogenesis, Intervention strategies

Institut Pasteur, Paris, France

September 11-15, 2012

EMBO conference series

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The EMBO conference series "Tuberculosis 2012" is an international congress on Tuberculosis and its causative organism *Mycobacterium tuberculosis* to be held from September 11-15, 2012 at the Conference Centre of the Institut Pasteur, Paris, France

Website: <http://www.pasteur.fr/tuberculosis2012/>

PRELIMINARY SCIENTIFIC PROGRAM

Tuesday, September 11th, 2012

2.00 pm-5.30 pm

Registration

5.00 pm-5.45 pm

Welcome addresses and perspectives

Tony Pugsley (Senior Executive-Vice President for Scientific Affaires, Institut Pasteur)

Roland Brosch (Organizing committee, Institut Pasteur, Paris, France)

Christian Lienhardt (Stop TB Partnership, WHO, Geneva, Switzerland)

Important Dates:

Online registration

opens:

December 2, 2011

Early fee registration

deadline:

June 15, 2012

Abstract submission

deadline:

June 15, 2012

5.45 pm-7.15 pm

Opening Keynote lectures

Chair: **Pedro Alzari** (Institut Pasteur, Paris, France)

5.45 pm - 6.30 pm

6.30 pm – 7.15 pm

Patrick Brennan (Colorado State University, Fort Collins, USA)

Stewart Cole (EPFL, Lausanne, Switzerland)

7.15 pm

Welcome Reception at Institut Pasteur

Wednesday, September 12th, 2012

8.30 am-10.00 am	Session 1: Mycobacterial Evolution, Genetic Diversity & Conservation
	Chair: Philip Supply (CNRS, Institut Pasteur Lille, France)
8.30 am-8.55 am	Roland Brosch (Institut Pasteur Paris, France)
9.00 am-9.25 am	Stefan Niemann (Research Center Borstel, Germany)
9.30 am-9.55 am	Eric Rubin (Harvard Medical School, Boston, USA)
10.00 am - 10.15 am	Abstract-talk 1
10.15 am-10.45 am	Coffee break
10.45 am-12.45 am	Session 2: Mycobacterial Biology & Physiology
	Chair: Tanya Parish (Univ. of London, UK)
10.45 am-11.10 am	John McKinney (EPFL Lausanne, Switzerland)
11.15 am-11.40 am:	Christophe Guilhot (CNRS, IPBS Toulouse, France)
11.45 am-12.10 am	Rajesh S. Gokhale (National Institute of Immunology, New Delhi, India.)
12.15 am-12.30 am	Abstract-talk 2
12.30 am-12.45 am	Abstract-talk 3
12.45 pm - 2.00 pm	Lunch
1.45 pm-3.15 pm	Poster session 1
3.15 pm -4.50 pm	Session 3: Novel Transport Systems in Mycobacteria
	Chair: Wilbert Bitter (VU, Amsterdam, The Netherlands)
3.15 pm-3.40 pm	Daria Bottai (University of Pisa, Italy)

3.45 pm-4.10 pm

4.15 pm-4.30 pm

4.30 pm-4.45 pm

Michael Niederweis (Univ Alabama, Birmingham, USA)

Abstract-talk 4

Abstract-talk 5

4.45 pm - 5.15 pm

Coffee break

5.15 pm-7.00 pm

Session 4: Adaptation to Changing Environment

Chair: **Riccardo Manganelli** (University of Padua, Italy)

5.15 pm-5.40 pm

5.45 pm-6.10 pm

6.15 pm-6.40 pm

6.45 pm-7.00 pm

Sabine Ehrt (Weill Cornell Medical College, New York, USA)

Valerie Mizrahi (University of Cape Town, South Africa)

Christopher Sasseti (University of Massachusetts, Worcester, USA)

Abstract-talk 6

7.00 pm-8.30 pm

Wine and Cheese party

Thursday, September 13th, 2012

8.30 am-10.15 am **Session 5: The search for novel antigens and correlates of protection**

Chair: **Claude Leclerc** (Institut Pasteur, Paris, France)

8.30 am-8.55 am

Camille Locht (INSERM, Institut Pasteur Lille, France)

9.00 am-9.25 am

Gilla Kaplan (Univ. New Jersey, Newark, USA)

9.30 am-9.55 am

Stefan Kaufmann (Max Planck Inst. for Infection Biology, Berlin, Germany)

10.00 am-10.15 am

Abstract-talk 7

10.15 am-10.45 am

Coffee break

10.45 am-12.45 am

Session 6: Novel vaccine strategies (session sponsored by TBVI)

Chair: **Jelle Tholle** (TuBerculosis Vaccine Initiative (TBVI), Netherlands)

10.45 am-11.10 am

Carlos Martin (University of Zaragoza, Spain)

11.15 am-11.40 am

Peter Andersen (Statens Serum Institut, Copenhagen, Denmark)

11.45 am-12.10 am

Helen Mc Shane (University of Oxford, UK)

12.15 am-12.30 pm

Abstract-talk 8

12.30 am-12.45 pm

Abstract-talk 9

12.45 pm - 2.00 pm

Lunch

1.45 pm-3.15 pm

Poster session 2

3.15 pm -4.50 pm

Session 7: Biochemistry and chemical biology I

Chair: **Andrew Munro** (Univ. of Manchester, UK)

3.15 pm-3.40 pm
3.45 pm-4.10 pm
4.15 pm-4.45 pm

Tom Alber (University of California, Berkeley, USA)
Luiz Pedro de Carvalho (NIMR, London, UK)
John Blanchard (Albert Einstein College of Medicine, New York, USA)

4.45 pm – 5.15 pm

Coffee break

5.15 pm-6.30 pm

Session 8: Biochemistry and chemical biology II

Chair: **Laurent Fraisse** (Sanofi-Aventis, France)

5.15 pm-5.40 pm
5.45 pm-6.10 pm
6.15 pm-6.30 pm

Marco Bellinzoni (Institut Pasteur, Paris, France)
Carl Nathan (Weill Cornell Medical College, New York, USA)
Abstract-talk 10

7.45 pm

Congress dinner

Friday, September 14th, 2012

8.30 am-10.15 am Session 9: Mycobacterial Resistance and the Need for New Drug Targets

Chair: **Brigitte Gicquel** (Institut Pasteur, Paris, France)

8.30 am-8.55 am

Erik Boettger (University of Zurich, Switzerland)

9.00 am-9.25 am

Ying Zhang (Johns Hopkins University, Baltimore, USA & Fudan University, Shanghai, China)

9.30 am-9.55 am

Mary Jackson (Colorado State University, Fort Collins, USA)

10.00 am - 10.15 am

[Abstract talk 11](#)

10.15 am-10.45 am

Coffee break

10.30 am-12.30 am

Session 10: Search for Novel Drug Candidates to cure TB

Chair: **Giovanna Riccardi**** (University of Pavia, Italy)

10.30 am-10.55 am

Vadim Makarov (A. N. Bakh Institute of Biochemistry, Moscow, Russia)

11.00 am-11.25 am:

Priscille Brodin (INSERM, Institut Pasteur Lille, France)

11.30 am-11.55 am

David Sherman (Seattle Biomedical Research Institute, USA)

12.00 am-12.15 am

[Abstract-talk 12](#)

12.15 am-12.30 am

[Abstract-talk 13](#)

12.30 pm - 1.45 pm

Lunch

1.45 pm-3.15 pm

Poster session 3

3.15 pm -4.50 pm

Session 11: Host-pathogen interactions I

Chair: **Jean Louis Herrmann** (EPIM EA3647, UVSQ, Versailles, France France)

3.15 pm-3.40 pm

3.45 pm-4.10 pm

4.15 pm-4.30 pm

4.30 pm-4.45 pm

Olivier Neyrolles (CNRS, IPBS Toulouse, France)

David Russell (Cornell University, Ithaca, NY, USA)

[Abstract-talk 14](#)

[Abstract-talk 15](#)

4.45 pm - 5.15 pm

Coffee break

5.15 pm-7.00 pm

Session 12: Host-pathogen interactions II

Chair: **Douglas Young** (Imperial College and NIMR, London, UK)

5.15 pm-5.40 pm

5.45 pm-6.10 pm

6.15 pm-6.40 pm

6.45 pm-7.00 pm

Peter Peters (Netherland Cancer Institute, Amsterdam, Netherlands)

Monica Hagedorn (Bernhard Nocht Institut, Hamburg, Germany)

Lalita Ramakrishnan (University of Washington, Seattle, USA)

[Abstract-talk 16](#)

on your own for dinner

Saturday, September 15th, 2012

9.00 am-11.00 am	Session 13: Animal models and beyond
	Chair: Laleh Majlessi (Institut Pasteur, Paris, France)
9.00 am-9.25 am	Jacques Grosset (John Hopkins University, Baltimore, USA)
9.30 am-9.55 am	Joanne Flynn (University of Pittsburgh, Pittsburgh, USA)
10.00 am-10.25 am	Ludovic Tailleux (Institut Pasteur, Paris, France)
10.30 am- 10.45 am	Abstract-talk 17
10.45 am-11.15 am	Coffee break
11h15 – 12h45:	Closing Keynote lectures and outlook
	Chair: Stephen Gordon (University College Dublin, Ireland)
11h15 – 11h55	Anna O'Garra (MRC, Mill Hill, London, UK)
12h00 – 12h40	Clif Barry (NIH, Bethesda, USA)
12h45	End of congress

****:** speaker / chair invited, response pending

Status: January 12, 2012
