

**ISCB2010 – Special Day  
Vaccines**

**August 29, 2010  
Montpellier, France**

**Welcome**

# **Special Day Vaccines**

**Organized by ISCB  
Sub-Committee Vaccines**

**Sponsored by Sanofi-Pasteur**

**Apologies from**

Elizabeth Halloran

Last week she fell ill,  
and she is not able to travel

## Program

9:30-10:15	Allen Izu	Welcome and short history of the ISCB sub-committee Vaccines
10:15-11:15	Jukka Jokinen	Analysis of recurrent events: Evaluating treatment effect in vaccine trials
11:45-12:45	Mey Wang	Statistical challenges in the evaluation of vaccine safety
13:00-14:00		<i>lunch</i>
14:00-14:30	Yin Bun Cheung	Estimation of vaccine-attributable reduction
14:30-15:30	Mounia Hocine	Sequential case series analysis for pharmacovigilance
16:00-17:00	Jos Nauta	ANCOVA for antibody titers and a solution to the problem of heteroscedasticity
17:00-17:30		Forum discussion

# **ISCB Sub-committee Vaccines**

Members

History

Mission

Activities

Mailing list

Contact us

# Members

Jos Nauta	chair	industry	NL
Jingyee Kou	secretary	agency	USA
Koos Zwinderman	president's repr.	academia	NL
Ivan Chan		industry	USA
Andrew Dunning		industry	USA
Allen Izu		industry	USA
Jukka Jokinen		academia	FIN
Larry Moulton		academia	USA
Julia Singer		industry	AUS
Fabian Tibaldi		industry	BEL

Ex-members: Marc Fourneau (BEL), Catherine Quantin (FRAN),  
Paddy Farrington (UK)

Candidate members: Jennifer Nelson (USA), Zoe Moodie (USA)

## History

At the ISCB2007, Alexandropoulos, Greece, after a session on vaccines, vaccines statisticians were discussing the presentations, and realized they had been working on similar problems, without knowing that others were also.

The conversation was summed up when someone said "I always knew there must be other statisticians working on these questions, and now I've finally found them".

Out of the meeting, an informal email discussion developed - about 25 participants exchanging ideas about how statisticians working in vaccines research could share their experiences.

The ISCB was asked to form a Vaccines sub-committee that would include representatives from academia, industry and regulatory agencies. The proposal was approved by the ISCB officers and ratified by the ISCB Annual Meeting during ISCB200, Copenhagen, Denmark.

# Mission

Create a professional platform for vaccines statisticians

Discuss relevant statistical and methodological developments

Establish a relationship with regulatory agencies and international organizations

Discuss new regulatory guidelines and comment upon draft guidelines

Encourage statistical research and professional development

Creation of working groups for the application of statistical methods in vaccine research

Maintain a list of papers on statistical methods in vaccines research

Organize symposia on statistical methods in vaccines research

# Activities

Symposia on Statistics and  
Vaccines at annual conf. ISCB

2008 + 2009 half days

2010 full day

Presentations can be found on the  
website of the SC

# e-Newsletter

Mailed 4 times per year to a mailing list of approx. 300 people working in statistics and vaccines

## Content:

Information on recent/upcoming Sub-committee symposia

Upcoming vaccines sessions at statistical and other conferences

Recent publications in the field of statistics of vaccines research

List of recommended reading on specific topics

Course announcements

# Selected Readings

Members of the committee, together with an external reviewer, have prepared the following selection of readings on immunological correlates of protection with the intention it be useful to those new to the field of statistics of vaccines research

(see website)

Selection by Andrew Dunning, Jukka Jokinen and Jos Nauta for the Vaccines Sub-committee of the ISCB

Reviewed by Peter Gilbert, Statistical Center for HIV/AIDS Research & Prevention

# Website

## <http://www.iscb-vaccines.info>

Upcoming events

New publications

Recent events (with slides of all presentation at ISCB symposia)

Selected readings (Correlates of protection; Lot consistency)

Newsletter (all numbers)

Sub-committee history

Contact us

# Interested?

Talk to the members present  
today

or visit the website to add your  
name to the mailing list