BBS
Basler Biometric Section

**Basel Biometric Section of the Austro-Swiss Region
of the International Biometric Society**

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BBS Seminar on Statistical Methods in Epidemiology
Basel, 28 Apr 2010, 16:00 – 17:30

*Auditorium of the Roche Learning Center,
Aeschenvorstadt 56, Basel*

PROGRAM

16:00   **Welcome**   Juliane Schäfer, BBS

16:00   – 16:45   Noah Jamie Robinson, PhD (F. Hoffmann-La Roche Ltd, Basel)

Epidemiology: the basics and in practice (at Roche)

Abstract

The presentation will provide an overview on the role of epidemiology in a pharmaceutical industrial environment. We will review some key features in Epidemiology, including definitions, types of data, epidemiological measures, study designs and interpreting results. Through practical examples, we will also highlight a framework for partnership with Epidemiology at Roche with other function within the company and with institutions outside Roche.

16:45   – 17:30   Jim Young, PhD (Basel Institute for Clinical Epidemiology and Biostatistics, Basel)

Approximate Bayesian methods for the analysis of epidemiological data

Abstract

Bayesian methods become worthwhile when conventional methods of analysis become questionable. Often approximate Bayesian methods are all that is necessary - or even appropriate - for "the imprecise data and goals of everyday epidemiology, which is largely only semi-quantitative inference about an adjusted risk comparison". I will discuss strategies for carrying out approximate Bayesian analyses of sparse epidemiological data in SAS with examples from the Swiss HIV Cohort Study.

17:30   End of Seminar