



Graduate School
for Cellular and
Biomedical Sciences



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UNIVERSITÄT
BERN

Seminar: Next generation sequencing

May 7, 2010

UniS, Schanzeneckstrasse 1, Room A-126 (U1)

organized by

Sabina Gallati and Tosso Leeb, University of Bern

Product & System Presentations

Chair: Prof. Sabina Gallati

09.30 - 09.40	Welcome	Prof. Sabina Gallati
09.40 - 10.20	Applied Biosystems: Solid TM System	
10.20 - 11.00	Illumina: Solexa Genome Analyzer	
11.00 - 11.20	Coffee Break	
11.20 - 12.00	Roche: Roche 454 GS FLX	

12.00 - 13.00	Lunch	
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Scientific Presentations

Chair: Prof. Tosso Leeb

13.00 - 13.30	The Functional Genomics Center Zurich	Dr. Marzanna Künzli-Gontarczyk / Dr. Rémy Bruggmann, Functional Genomics Center Zurich
13.30 – 14.00	24 hours in the life of HIV-1	Dr. Angela Ciuffi, University of Lausanne
14.00 – 14.30	Defining the transcriptome in <i>Trypanosoma brucei</i> using Solexa sequencing	Dr. Torsten Ochsenreiter, University of Bern
14.30 – 15.00	Coffee Break	
15.00 – 15.30	Recent developments in small RNA analyses using massively parallel sequencing	Dr. Laurent Farinelli, FASTERIS SA Geneva
15.30-16.00	First experience in mutation screening by exome sequencing	Dr. Holger Prokisch, Technical University Munich, Germany
16.00-16.30	Identification of the causative mutation of arachnomelia in cattle	Prof. Cord Drögemüller, University of Bern
16.30	Closing remarks	Prof. Tosso Leeb

Everybody is welcome, registration is free but mandatory until April 30 with marlene.wolf@tki.unibe.ch
The Seminar is sponsored by GCB, Applied Biosystems, Illumina and Roche.