

# BioValley

## Life Sciences Week 2011

Congress Center Basel

September 20 – 22, 2011

Lead Partner

**BaselArea** 

Congress Center  **Basel**

Partially funded by

[www.lifesciencesweek.ch](http://www.lifesciencesweek.ch)



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European Regional Development Fund – ERDF  
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# BioValley Science Day

Tuesday, September 20, 2011

This year's program is dedicated to "Infectious Diseases of Global Impact" and is being organized by the University Basel in collaboration with the Swiss Tropical and Public Health Institute (STPH).

## Program

Hall Montreal

- 08:30 – 08:40 **Welcome Address**  
Edward C. Constable, University Basel (CH)  
Rolf Rolli, President, BioValley Basel (CH)
- 08:40 – 09:05 **Session 1: Viral Infection**  
**Evolution of the innate immunity and susceptibility to HIV**  
Amalio Telenti, CHUV (Lausanne, CH)
- 09:05 – 09:30 **Host regulators of disease severity during dengue virus infection are potential targets for drug intervention**  
Subash Vasudevan, (Duke University School of Medicine, NUS)
- 09:30 – 09:55 **Success and failure of immune responses against HCV**  
Robert Thimme, (Freiburg, DE)
- 09:55 – 10:30 **Keynote 1: Influenza: lessons from history and challenges for the future**  
Stephen Toovey, F. Hoffmann-La Roche AG (Basel, CH)
- 10:30 – 11:00 **Coffee Break**
- 11:00 – 11:25 **Session 2: Tuberculosis**  
**Life and death of M. tuberculosis within their hosts**  
Jean Pieters, University Basel (CH)
- 11:25 – 11:50 **Population genomics and micro-evolution of Mycobacterium tuberculosis**  
Sébastien Gagneux, Swiss TPH (Basel, CH)
- 11:50 – 12:15 **Individuality of bacterial responses to antibiotics**  
John McKinney, EPFL (Lausanne, CH)
- 12:15 – 12:35 **Adjuvant activity of Ag85B protein of M. tuberculosis on CTL generation**  
Kiyoshi Takatsu, University Toyama (JP)
- 12:35 – 13:45 **Poster Session and Lunch**

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- 13:45 – 14:10 **Session 3: Bacterial resistance**  
**Resistance in bacteria – a clinical threat or alarmism?**  
Stefano Bassetti, Kantonsspital Olten (CH)
- 14:10 – 14:35 **Bacterial persistence**  
Urs Jenal, University Basel (CH)
- 14:35 – 15:00 **New techniques to overcome bacterial infections**  
Marcel Tigges, BioVersys AG (Basel, CH)
- 15:00 – 15:30 **Coffee Break**
- 15:30 – 15:55 **Session 4: Parasites**  
**Potent and fast acting novel antimalarials derived from a cell-based screen**  
Christoph Boss, Actelion Pharmaceuticals Ltd. (Allschwil, CH)
- 15:55 – 16:20 **The challenge of moving from malaria control to elimination and eradication**  
Marcel Tanner, Swiss TPH (Basel, CH)
- 16:20 – 16:45 **Comparative genomics of parasites**  
Pascal Mäser, Swiss TPH (Basel, CH)
- 16:45 – 17:20 **Keynote 2: Global impact of infectious diseases**  
Rob Ridley, WHO (Geneva, CH)
- 17:20 – 17:40 **BioValley Poster Award**

**Event Partner:** F. Hoffmann - La Roche AG and University of Basel

# BioValley Strategy Day

in collaboration with

handelskammer beider basel

Wednesday, September 21, 2011

The BioValley Strategy Day covers a range of different subjects in four distinct events.

Pharmaceutical Technology – in a joint symposium by two of the leading universities in this field – will be followed by a symposium presenting the outcome of a study group on “Nano & Konsum”.

The afternoon will focus on the Regional Life Sciences Strategy and will continue with a discussion on Regional Biobanks.

The day will close with a highly focussed event hosted by the INSEAD Alumni Club.

## Toyama – Basel Meeting on Pharma Technology

- 08:30 – 08:40 **Welcome**  
[Prof. Peter Meier-Abt](#) Former Vice-Rector, University Basel (CH)
- 08:40 – 09:05 **The characterization of oral thin film formulation as a drug product**  
[Dr. Hirohiko Inada](#) President & CEO Kyukyu Pharmaceutical Co., Ltd., Japan
- 09:05 – 09:30 **Reagent-less observation of intracellular event for drug screening**  
[Prof. Hiroaki Shinohara](#) Field of Life, Information and System Sciences Graduate School of Science and Engineering for Research University of Toyama, Japan
- 09:30 – 09:55 **Targeted drug delivery using liposomes**  
[Prof. Jörg Huwlyer](#) Department of Pharmaceutical Sciences, University of Basel (CH)
- 09:55 – 10:20 **Block copolymer vesicles**  
[Prof. Wolfgang Meier](#) Department of Chemistry, University of Basel (CH)

## Nano & Konsum

(in German)

- 11:00 – 11:15 **i-net BASEL Nano und Arbeitsgruppe NanoDialog**  
[Wolf Zinkl](#), Leitung i-net BASEL Nano (Basel, CH)
- 11:15 – 11:45 **Vertieftes Wissen als Chance für den Risikodiskurs**  
[Prof. Dr. Peter Gehr](#), Leiter NFP 64 Chancen und Risiken von Nanomaterialien Universität Bern (CH)

# BioValley Strategy Day

Wednesday, September 21, 2011

- 11:45 – 12:00 **Arbeitsgruppe NanoDialog: Ziele, Vorgehen, Ergebnisse**  
Dr. Philipp Hübner, Kantonschemiker Basel-Stadt,  
Leiter AG NanoDialog (Basel, CH)
- 12:00 – 12:30 **Podium: Blickwinkel in der Nanodiskussion**
- Brigit Hofer, Basel, Grossverteiler
  - Dr. Werner Rutsch, Fribourg, Industrie
  - Jost Müller, Basel, NGO
- 12:30 – 13:00 **Thesen und Forderungen der Arbeitsgruppe NanoDialog**  
Dr. Philipp Hübner / Dr. Marzio Giamboni  
Leitung AG NanoDialog (Basel, CH)
- 13:00 – 13:30 **Podium: Unser Alltag: Nano im Regal – und jetzt?**  
Diskussion mit den Referenten und dem Publikum  
Moderation: Peter Basler, Redaktion Kassensturz,  
SF DRS (Zürich, CH)
- 13:30 **Schlusswort / Networking Stehlunch**

## Klinische Forschung stärken!

(in German)

Teil 1: Umsetzung der neuen gemeinsamen Strategie der Regierungen der Kantone Basel-Landschaft und Basel-Stadt sowie der Handelskammer für eine starke klinische Forschung und Wachstum im Bereich Life Sciences in der Region Basel

- 15:00 **Begrüssung**  
Michael Plüss, Präsident der Life Sciences  
Kommission der Handelskammer  
Leiter Corporate Affairs Schweiz, Novartis  
International AG (Basel, CH)
- Dr. Johannes Mosbacher, Committee Member  
MipTec; Director Actelion Pharmaceuticals Ltd.  
(Allschwil, CH)
- Die Veränderungen in der globalen  
Life-Sciences-Industrie und ihre  
Auswirkungen auf die Region Basel**  
Jürg Zürcher, Partner, Audit Services, Biotechno-  
logy Leader EMEIA, Ernst & Young AG (Basel, CH)

# BioValley Strategy Day

Wednesday, September 21, 2011

## **Die neue gemeinsame Life-Sciences-Strategie**

Dr. Dieter Scholer, Mitglied der Life Sciences  
Kommission der Handelskammer  
Mitglied des Universitätsrats der Universität  
Basel (CH)

15:40

## **Podiumsdiskussion**

Prof. Dr. Peter Meier-Abt, Mitglied der Life  
Sciences Kommission der Handelskammer  
Präsident der SAMW (Basel, CH)

Prof. Dr. Jürg A. Schifferli, Vizedekan Forschung  
der Medizinischen Fakultät, Universität Basel (CH)

Prof. Dr. Urs Frey, Chefarzt Pädiatrie und Ärztlicher  
Direktor Universitäts-Kinderspital beider Basel (CH)

Dr. Nicholas Barbet, Global Academic Alliance  
Director, site head pRED development Basel  
F.Hoffmann-La Roche AG (Basel, CH)

Anne Lévy, Leiterin des Bereichs  
Gesundheitsschutz, Kanton Basel-Stadt (CH)

Dr. Christoph Eymann, Vorsteher des  
Erziehungs- departements (ED),  
Kanton Basel-Stadt (CH)

Moderation: Dr. Franz Saladin, Direktor der  
Handelskammer

## **BioValley Basel Award 2011: "s'goldige Lägerli"**

Roland Bühlmann Chairman of the Board,  
Bühlmann Laboratories AG (Schönenbuch, CH)

## **Teil 2: Aufbau regionaler Biobanken**

17:00

### **Einführung / Problemstellung**

Prof. Dr. Nicole Probst-Hensch, Head Unit Chronic  
Disease Epidemiology, Swiss Tropical and Public  
Health Institute (Basel, CH)

### **Die funktionierende Biobank auf der Pathologie am Universitätsspital Basel**

Prof. Dr. Markus Tolnay, Vorsteher des Instituts  
für Pathologie des Universitätsspitals Basel (CH)

17:20

### **Podiumsdiskussion**

Prof. Dr. Markus Tolnay, Vorsteher des Instituts  
für Pathologie des Universitätsspitals Basel (CH)

Prof. Dr. Albert Urwyler, Leiter Ressort Lehre und  
Forschung, Universitätsspital Basel (CH)

# BioValley Strategy Day

Wednesday, September 21, 2011

Dr. Oliver Peter, Group Leader Drug Discovery  
Biology, HTS, Actelion Pharmaceuticals Ltd  
(Allschwil, CH)

Prof. Dr. Marcel Tanner, Direktor Schweizerisches  
Tropen und Public-Health-Institut (Basel, CH)

Moderation: Christian Heuss, Redaktor  
Wissenschaft DRS 2

**Event Partner:** Ernst & Young AG

## INSEAD Swiss Healthcare Industry Club Event

18:00 **Door Opening**

18:15 **Panel Discussion**

### Topics:

- Which advantages do company CEOs draw from their BioValley Headquarter?
- What were the key success factors and key challenges in the past?
- How will company CEOs continue building global healthcare/life sciences leaders?

### Participants:

Emmanuel Bueb, CEO and Founder,  
Boomerang Pharma

Andy Fischer, CEO and Founder, MEDGATE

Urs Matter, CEO, Nanosurf

### Moderator:

Alexandar Ruzicic, President INSEAD Swiss  
Health Care Industry Club

**Networking Cocktail**

# BioValley Connect Day

Thursday, September 22, 2011

This day is devoted to the exchange of expertise amongst professionals in the life sciences community. The morning will focus on companies from medtech presenting their services and products. The afternoon will see biotech start-ups as well as a panel of senior entrepreneurs. The CTI Entrepreneur's Roundtable (by invitation only) will see young entrepreneurs of the Biotech Industry in an informal roundtable with senior entrepreneurs, who will share their experience and answer questions about rising and leading successfully a biotech venture.

in collaboration with

**MedTech Connect**

**medical cluster**

- 08:30 **Welcome**  
Dr. Thomas Hafen, Bühlmann Laboratories AG / BioValley Basel  
Peter Biedermann, medical cluster  
**Key Note Lecture:**  
Kai Nowosel, Partner, Accenture GmbH, Kronberg DE
- 9:10 **Company Presentations Session 1:**  
*Microdul AG, Zürich*  
*Synair AG, Sursee*  
*Ivers-Lee AG, Burgdorf*  
*Fisba Optik AG, St. Gallen*  
*Altran AG, Geneve*  
*Creapole, Delémont*  
*SuSoS AG, Dübendorf*  
*Inspire AG, St. Gallen*  
*Leoni Studer Hard AG, Däniken*
- 10:45 **Coffee Break**
- 11:15 **Company Presentations Session 2**  
*Minimotor SA, Croglio*  
*Komax Systems, La Chaux-de-Fonds*  
*Iftest AG, Wettingen*  
*Volpi AG, Schlieren*  
*BSI / Eurocat GmbH, Darmstadt*  
*Milani d&c AG, Thalwil*  
*Erdmann Design AG, Brugg*  
*ADS GmbH, Pratteln*  
*Leitner AG, Brugg*
- 13:00 **Closing Remarks**

# BioValley Connect Day

Thursday, September 22, 2011

## CTI Entrepreneurs' Roundtable @ Biovalley Life Sciences Week 2011

(by invitation only)

- 11:00 **CTI's Entrepreneurs' Roundtable**  
Participating Entrepreneurs  
*Thomas Meier*  
*Founder and CSO*  
*Santhera Pharmaceuticals Holding AG*  
*Christian Zahnd*  
*Founder and CEO*  
*Molecular Partners*  
Moderator: [Marcos García Pedraza](#), CTI Coach

## BioTech Connect

- 14:00 **Welcome**  
[Dr. P. Burckhardt](#), President BioBAC  
**Keynote Address: „Innovation Management in Medicines Development“**  
[Trevor Mundel](#), M.D., Ph.D., Novartis Pharma AG,  
Head of Development  
**New Companies Presentations**  
*Alkeus, Cambridge (USA),*  
[Leonide Saad](#), Ph.D., CEO  
*Almetis, Strasbourg (F),*  
[Marjorie Sidhoum](#), Ph.D., CEO  
*Nano4Imaging GmbH, Aachen (D),*  
[Prof. Paul Borm](#), CEO
- 15:50 **Life Sciences Prize 2011**  
Award Ceremony  
[Dr. Franz Saladin](#), Director Basel Chamber of  
Commerce, Member of the Jury
- 16:05 **Coffee Break**
- 16:30 **Panel Discussion**  
**Challenges in the very first financing of Start-ups**  
  - [Peter Harboe-schmidt](#), Head Coach, KTI-CTI
  - [Dr. Jean-Pierre Obrecht](#), CEO Polyphor AG
  - [Dipl.Ing. Christian Schaub](#), CEO RedBiotec AG
  - [Jürg Zürcher](#), Partner and Biotechnology  
Leader, Ernst&YoungModeration: [Dr. Erich Platzer](#)
- 18:00 **Networking Apéro**  
**Event Partner:** [Novartis Pharma AG](#)

For the second time, a web based contact platform will be available. The goal is to offer a unique and very straightforward tool to the registered delegates of all concurrent events. Attendees will be able to actively arrange personal meetings during the conference. The “connect@lifesciencesweek” Meeting Point will be located in the Foyer of the Conference Center Basel and provides limited infrastructure as well as internet access. The availability of this exchange platform will extend beyond the limitations of the event’s duration and will be accessible at least until the end of 2011. More details are available on [www.lifesciencesweek.ch](http://www.lifesciencesweek.ch).

## General Information

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### Mission

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The BioValley Life Sciences Week is the annual networking platform for the regional Life Sciences Community in the trinational Basel area. It unites experts working in or related to Life Sciences and links academia, industry, education as well as politics and the interested public at large.

### Venue

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Congress Center Basel  
([www.congress.ch](http://www.congress.ch))  
MCH Swiss Exhibition (Basel) Ltd.  
Messeplatz  
4021 Basel, Switzerland

### Registration Fee

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Registration for the BLSW 2011 is free of charge if the registration is done online before September 18, 2011. For onsite registrations, a registration fee of CHF 50.– applies.

## BioValley Basel

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The BioValley Life Sciences Week is being organized by the BioValley Basel Association. As a non-profit organization, BioValley Basel aims to foster a networking and integration platform amongst the Basel Region Life Sciences Community and to enable and facilitate an open network, beyond political and geographical boundaries. For more information contact:

BioValley Basel Association  
Executive Office  
Aeschenvorstadt 57  
4051 Basel, Switzerland  
Phone: +41 61 271 59 30  
Fax: + 41 61 271 59 21  
E-mail: [info@biovalley.ch](mailto:info@biovalley.ch)  
Web: [www.biovalley.ch](http://www.biovalley.ch)

## Future BioValley Events

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- 27.09.2011** BioValley Stammtisch, Freiburg/DE
- 05.10.2011** BioValley Treffpunkt, Lörrach/DE
- 21.10.2011** BioValley College Day: Referate von Wissenschaftlern zu aktuellen Themen, Beiträge von SchülerInnen, Überblick über Studienmöglichkeiten und Berufsfelder im Bereich Life Sciences. Sowie dem BioValley College Award. Weitere Informationen unter [www.biovalley-college.net](http://www.biovalley-college.net).
- 05.11.2011** BioValley Stammtisch, Basel/CH
- 15.11.2011** BioValley Stammtisch Freiburg

Programm details and registration at [www.biovalley.ch](http://www.biovalley.ch)



### Tuesday, 20.9.2011

BioValley Science Day  
"Infectious Diseases of Global Impact"

Hall Montreal	08:30	08:30 – 10:30	<b>Session 1</b> Viral Infection	s. 2
	10:30		Coffee Break	
	11:00	11:00 – 12:15	<b>Session 2</b> Tuberculosis	s. 2
	12:15		Poster Session / Lunch Break	
	13:45	13:45 – 15:00	<b>Session 3</b> Bacterial resistance	s. 3
	15:00		Coffee Break	
	15:30	15:30 – 17:40	<b>Session 4</b> Parasites	s. 3
	17:40			

Poster Exhibition | connect@lifescienceweek



### Wednesday, 21.9.2011

BioValley Strategy Day

Hall Montreal	08:30	08:30 – 10:30	<b>Toyama-Symposium</b> Pharmaceutical Technology	s. 4
	10:30		Coffee Break	
	11:00	11:00 – 14:00	<b>i-net / Nano</b> Nano & Konsum	s. 4
	14:00		Stehlunch	
	15:00	15:00 – 18:00	<b>Strategy Afternoon</b> Klinische Forschung stärken	s. 5
	18:00	18:00 – ca. 20:30	<b>INSEAD</b> Alumni	s. 7
	20:30			

BioValley Village | connect@lifescienceweek

### Thursday, 22.9.2011

BioValley Connect Day

Hall Montreal	08:30	08:30 – 13:00	<b>Medtech</b> Connect	s. 8
	13:00	11:00 – 14:00	<b>CM Entrepreneurs'</b> Roundtable	s. 9
	14:00	14:00 – 18:00	<b>Biotech</b> Connect	s. 9
	16:00			
	18:00			

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