



BioAlps

The Life Science Cluster for Western Switzerland

Promotion and opportunity for the Life Science actors of
Western Switzerland

By Daniel CEFAL, Committee member

L'association Bioalps



Mission

Promote visibility and growth of Western Switzerland
as world-class cluster in the field of Life Sciences



Bioalps: why a LS cluster for Western Switzerland?

Un pôle de compétence est une région, généralement urbanisée, où s'accumulent des savoir-faire dans un domaine technique, qui peuvent procurer un avantage compétitif une fois atteinte une masse critique. La prospérité ainsi apportée tend à se propager aux autres activités locales, notamment service et sous-traitance ...

Les clusters, ou comment créer du lien entre recherche et débouchés industriels

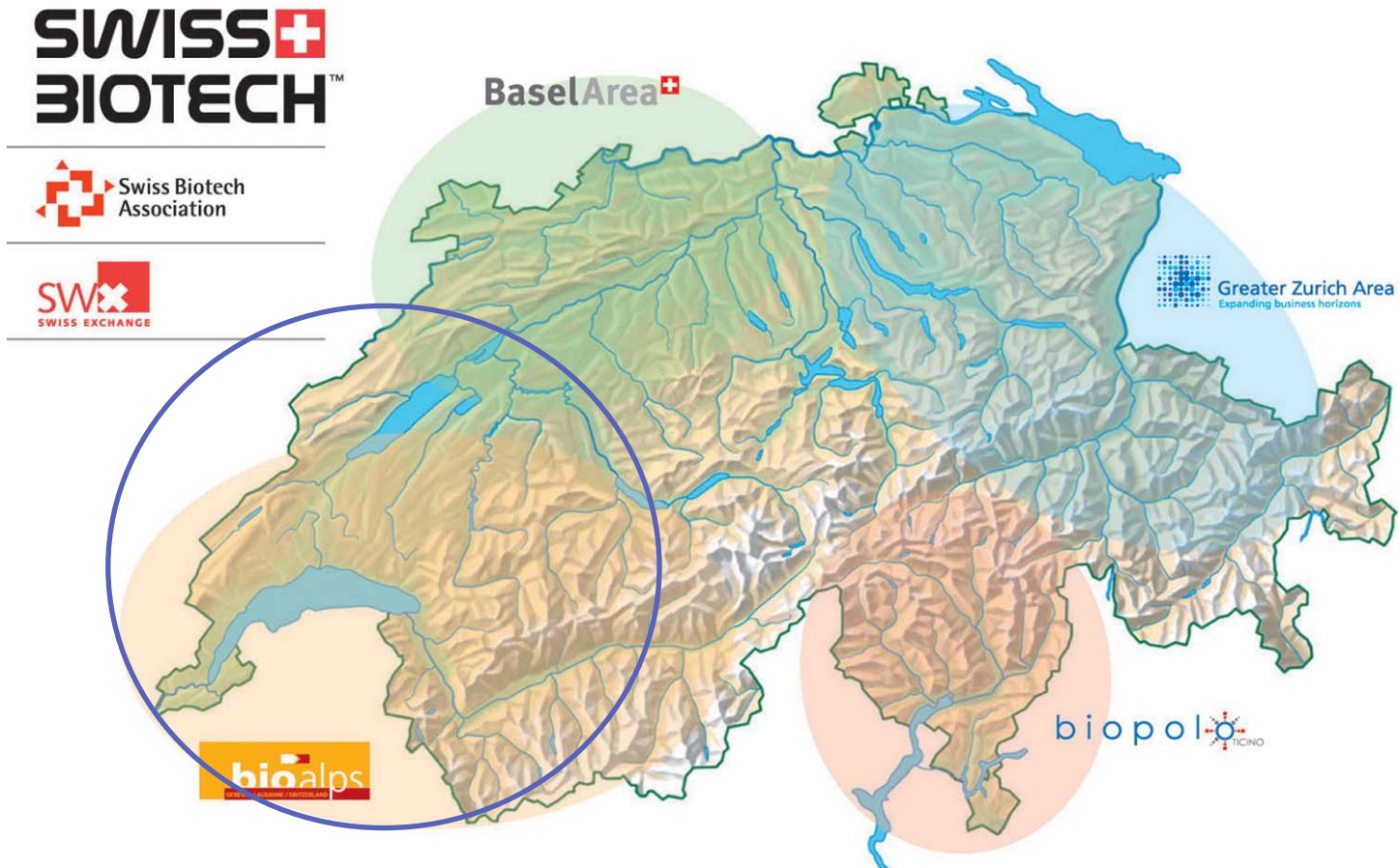
.... Ces regroupements académiques et économiques mobilisent tous les acteurs de la recherche autour de projets communs

Groups of companies and academic institutions forming partnerships with strategic planners to form geographic groupings with shared interests and facilities

Enable growth by knowledge, excellence, partnerships and transdisciplinarity

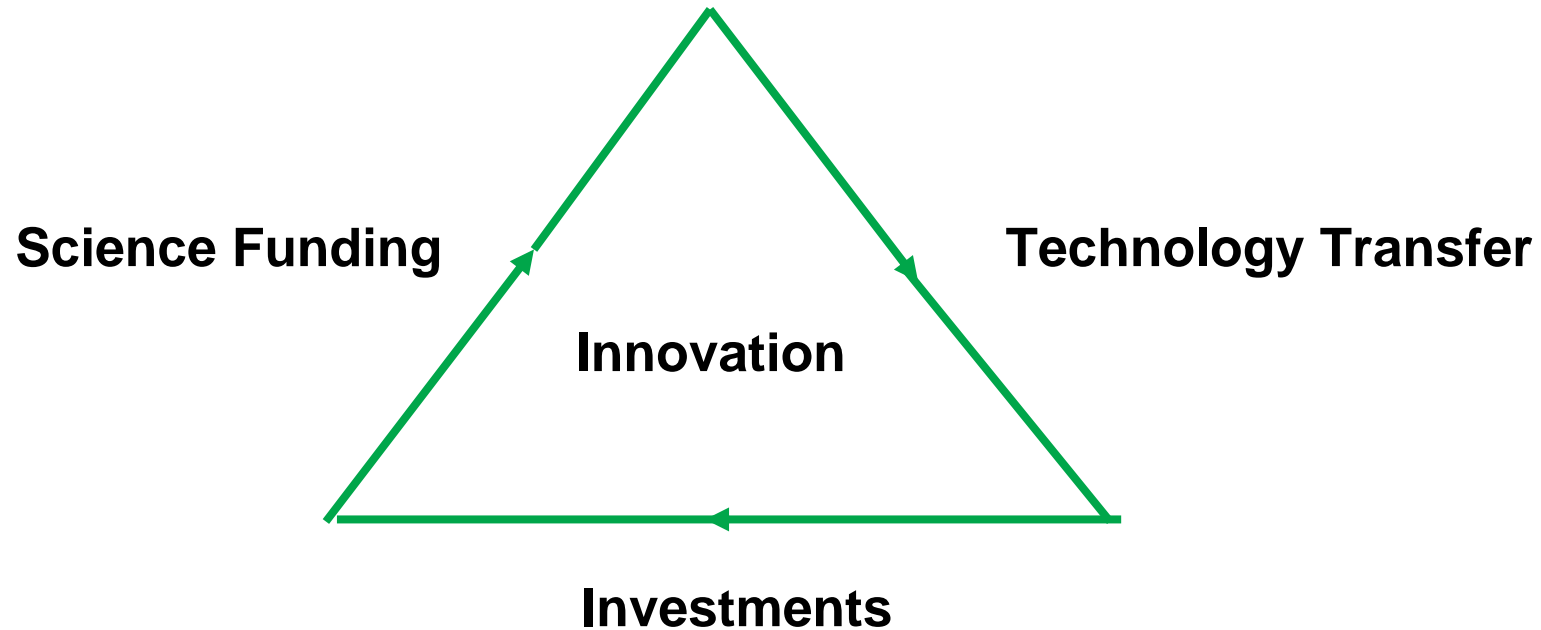


Les «clusters» suisses





A one-of-a-kind interplay of competences in a single region

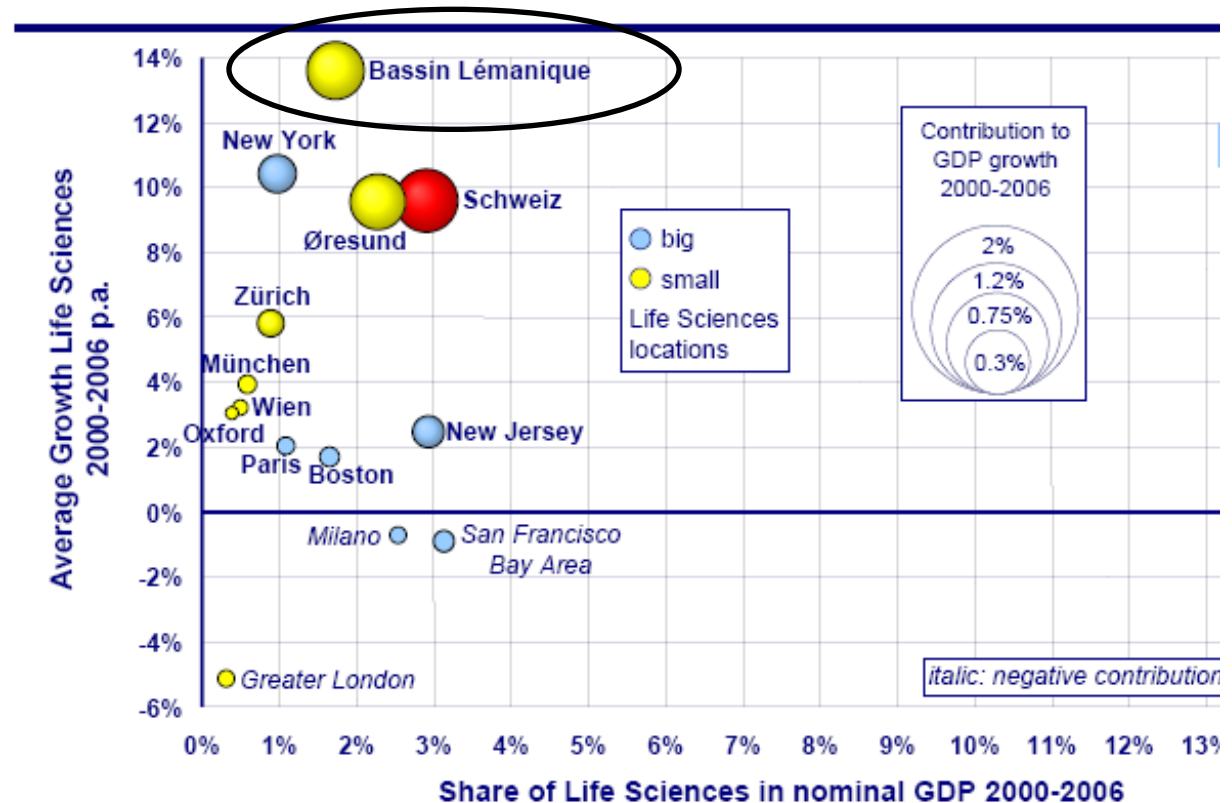




BioAlps, the fastest growing life science cluster in the world...

Between 2000 and 2006, the highest growth rate of real gross value added (GVA) in Life Sciences over all regions was seen in the Geneva Region (14%).

in percentage points, based on USD at 2000 prices and 1997 PPP



BAK, Basel Economics "Monitoring Life Science Locations" 2008



Le “vivier” Bioalps

- World-class research and education institutions





Knowledge creates opportunities



Le “vivier” Bioalps

- World-class research and education institutions
- **5 national centers of competence in research (NCCR)**





Le “vivier” Bioalps

- World-class research and education institutions
- 5 national centers of competence in research (NCCR)
- **750 companies active in LS (450 Biotech / 300 Medtech) ***
- **20'000 FTEs***



** Source : Lifescience Consulting's report, update 2008*








bioalps

Lake Geneva BioCluster

switzerland +

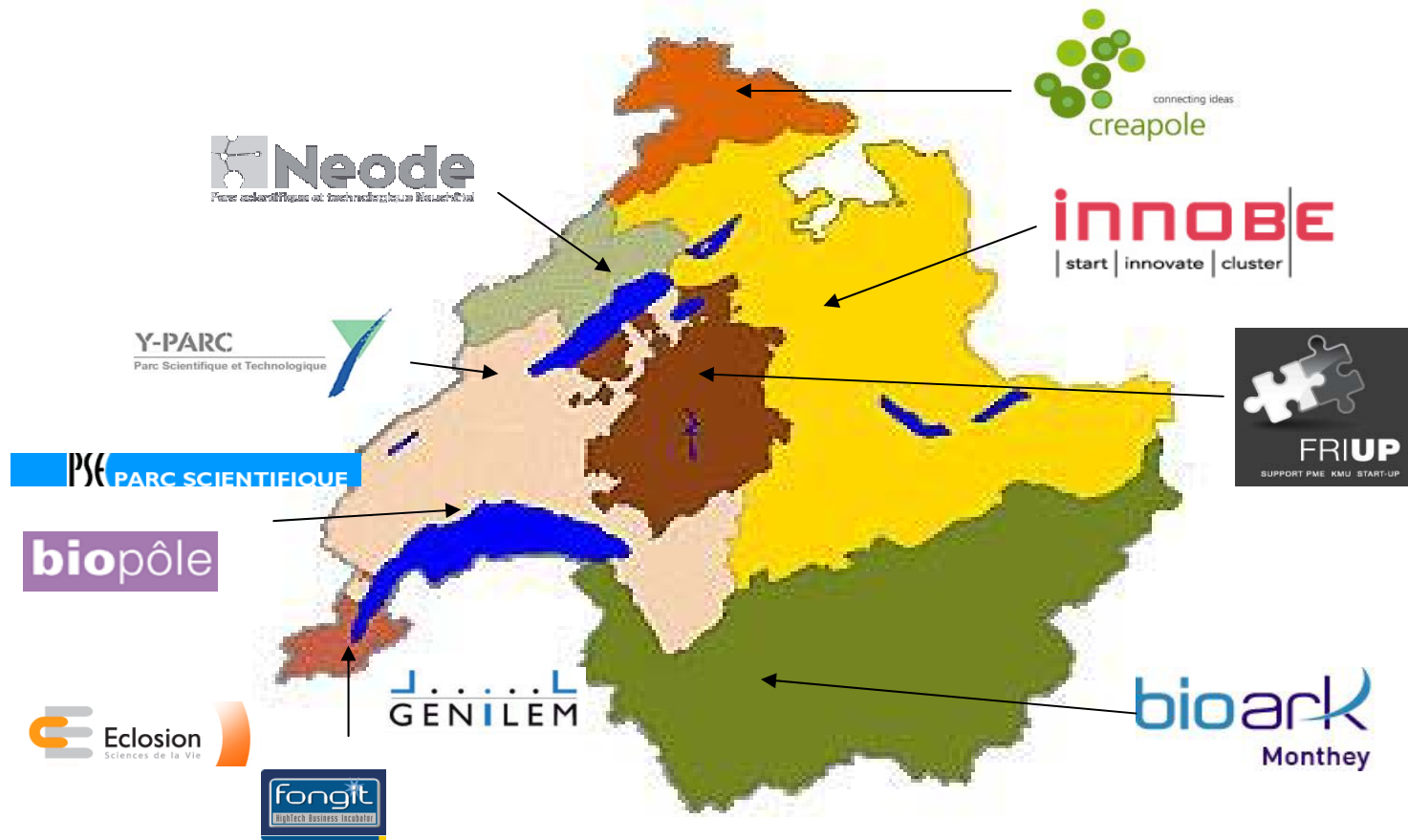




Company	Funds raised 2008-2009
	Euro 50,000,000.-
	CHF 40,000,000.-
	CHF 12,000,000.-
	CHF 10,000,000.-
	CHF 62,000,000.-
	CHF 4,000,000.-
	CHF 40,000,000.-

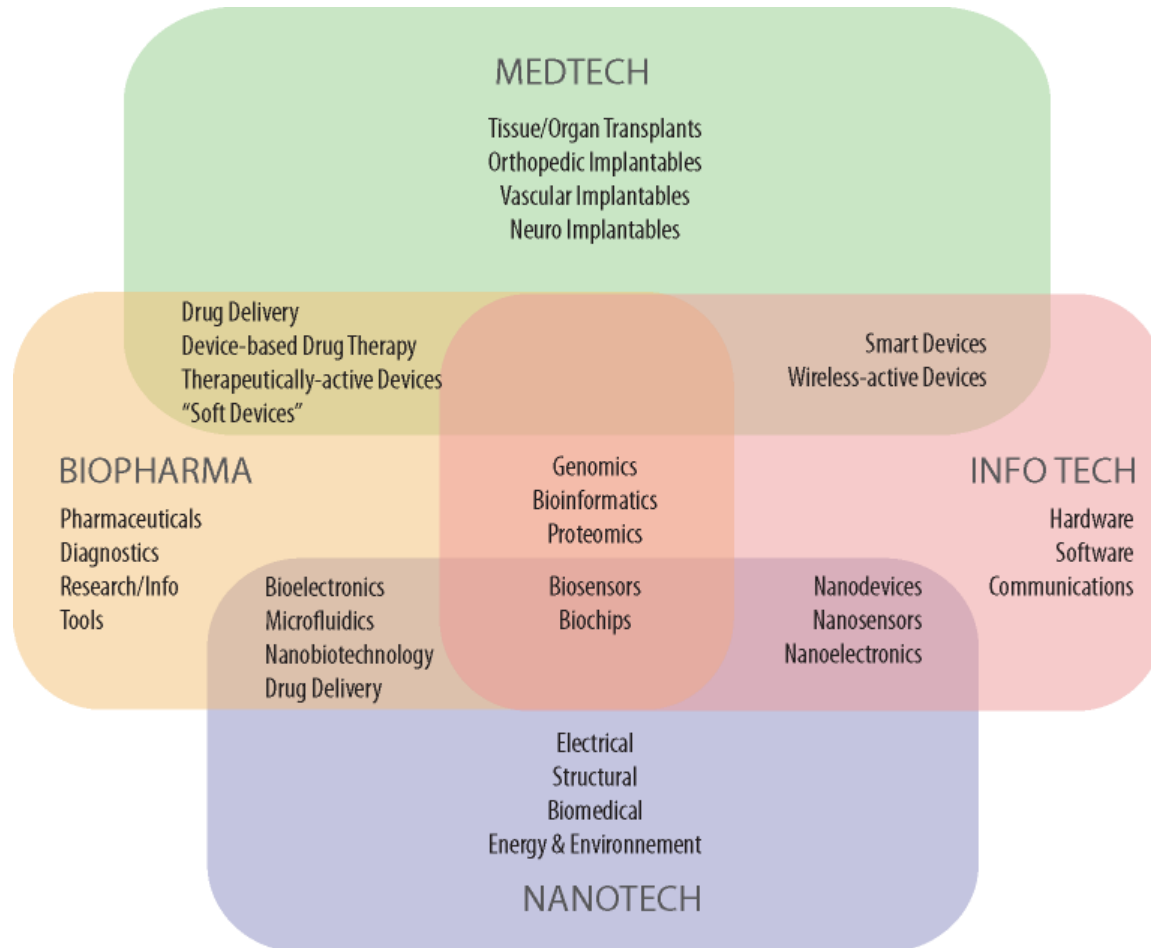


A dense network to provide the best conditions for start-ups





Stimulate transdisciplinarity





What Bioalps does

- « make things possible » by promoting exchanges and encounters between scientific, economic, finance and decision-taking political worlds in the LS field
- Enable work synergies between its members
- Promote innovations issued from Applied schools
- Facilitate start-up creation
- Develop and keep active contacts with other clusters at the national and international level for concerted actions
- Provide borderless visibility of the Bioalps region by being recognised as the single entry gate for promotion of excellence and partnerships in the LS field at the regional, national and international level.



Some examples ...

Visibility and transdisciplinarity

- Release of documents that reflect the state-of-the-art in the scientific excellence of the Bioalps region





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Visibility and transdisciplinarity

- Release of documents that reflect the state-of-the-art in the scientific excellence of the Bioalps region
- Website with online directory of all companies, research and education institutions and partners in the field of LS : www.bioalps.org



bioalps
Lake Geneva BioCluster
switzerland

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Companies

DiagnoSwiss SA

GRAVI™ is a most cost-efficient platform, for ultra-rapid performance of tests in µL volumes. Using magnetic beads and conventional immunology reagents, 8-16 parallel assays are run with consumable GRAVI™- Chips, in a mere 5-10 minutes. The GRAVI™- Cell instrument, hosting the GRAVI™- Chips, is a most convenient solution for sample preparation, incubation, washing and readout, in manual mode. GRAVI™- Lab is the combination of a GRAVI™- Cell instrument with a robotic liquid handler; i.e. representing an automated

Biotechnologies Switzerland

Number one biotech research centre of excellence in mainland Europe (Science Magazine, USA)

More than 200 medical technology and biotechnology companies

More than 500 research laboratories

12 research institutions, universities and university hospitals with relevant capabilities

Many sciences parks and incubators for start-up companies

Most favourable tax rulings and conditions in Europe

Access to many highly trained and multilingual managers, scientists, engineers and technicians in the medical and biological sciences

Database subscription
Newsletter subscription
Archives

Academics

CHUV - Division of Immunology and Allergy

Giuseppe Pantaleo, M.D., Professor of medicine, is Chief of the Division of Immunology and Allergy at the Centre Hospitalier Universitaire Vaudois (CHUV), University of Lausanne, Switzerland. The Division of Immunology and Allergy at the Lausanne University Hospital pursues activities in numerous fields including fundamental and clinical sciences, diagnostic laboratory and teaching.

They are landmarks in

Terminé
Internet | Mode protégé : désactivé
100%

Nouveau site en 2010!



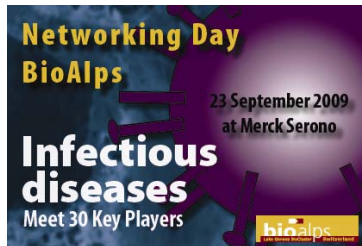
Some examples ...

Visibility and transdisciplinarity

- Release of documents that reflect the state-of-the-art in the scientific excellence of the Bioalps region
- Website with online directory of all companies, research and education institutions and partners in the field of LS : www.bioalps.org
- Organisation of and support to events and conferences in LS
- Organisation of meetings
- Funding support to companies willing to participate in international fairs and meetings or international business trips



Some events ..



BioAlps Networking Day (sept. 2009)

30 orateurs

300 participants dont 10% venant de la région Rhône-Alpes

Partenariat avec Merck Serono pour l'infrastructure

Remise du Prix BioAlps à MM. Mauvernay



The « 4à6 » networking events

Une société se présente, fait visiter ses locaux et propose un apéritif de networking

Un événement par canton chaque année



BioSquare 2010

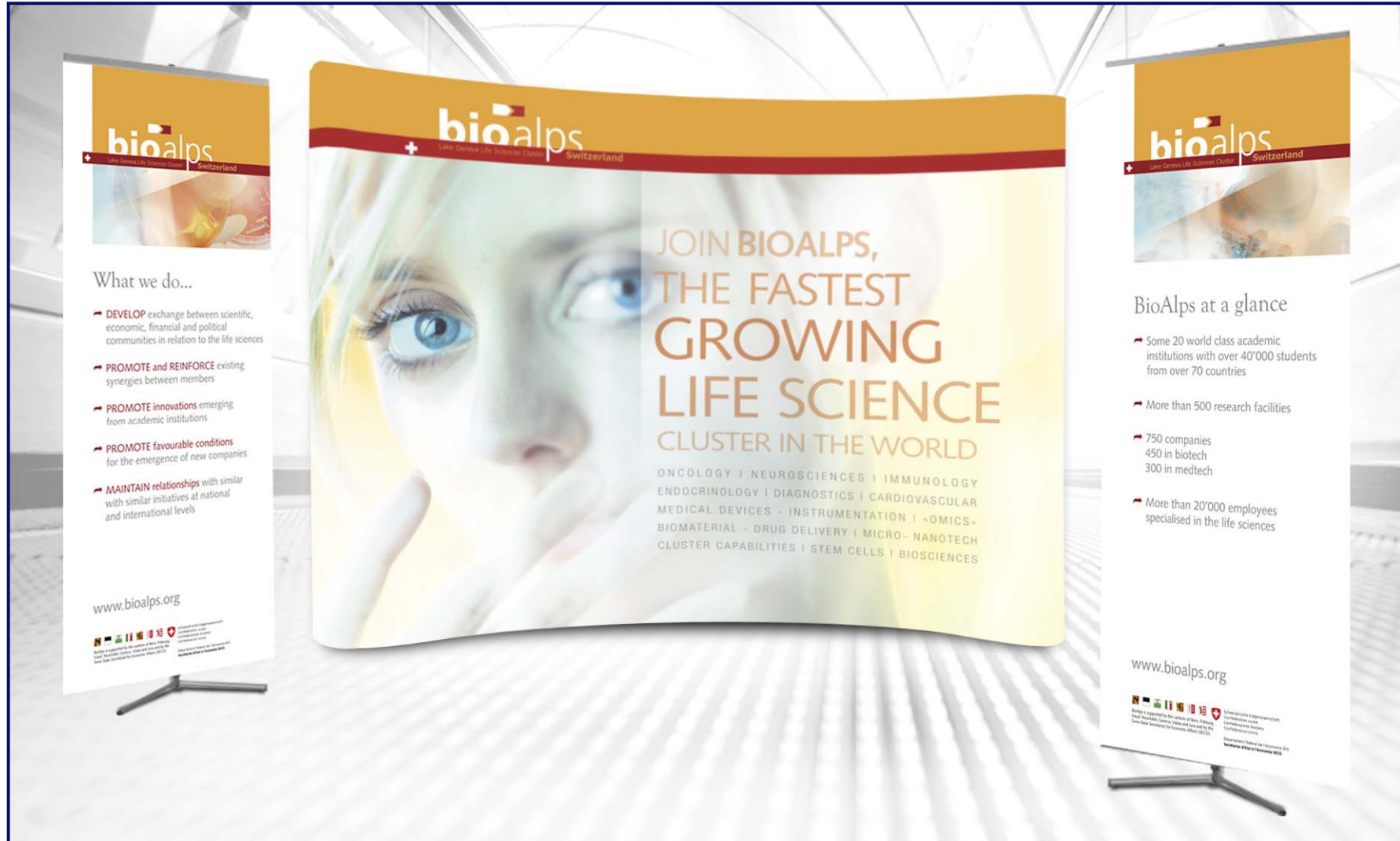
Convention d'affaires internationale Biotech/Medtech

Organisé en partenariat avec BioEvents (Lyon)

1^{er} et 2 février, à l'hôtel Crowne Plaza (Genève)

<http://www.biosquare.com>

In partnership with the Swiss Life Science Marketing Alliance, participation to international events such as **BioUS, BioJapan, BioTechnica, Medica .. Funding of companies whenever possible.**





Some business trips

Singapour – august 2009

In partnership with the LS faculty of EPFL (voyage d'étude des futurs ingénieurs en Sciences & Technologies du Vivant): visit of tech transfer offices, of LS incubators and of selected companies

For 2010 ...

Israël

Chine

Inde

... and wherever you think you might develop your activities or wherever you are looking for potential partners ...



A european network of 8 partners of the alpine regions



Interreg european project:

- e-Care
- personalized medicine
- diagnostics

.... for a better living in the alpine space



HelmholtzZentrum münchen
Deutsches Forschungszentrum für Gesundheit und Umwelt



The clusters of Western Switzerland

BioAlps

Biotech & Medtech

Geneva

www.bioalps.org

& to come ...

Micronarc

Micro- & Nano-technologies

Neuchâtel

www.micronarc.ch

Cleantech

AlpICT

Nouvelles Technologies de l'Information & de la Communication

Geneva

www.alpict.ch



Un comité à votre service

Ariane Vlerick

Jean-Claude Villettaz

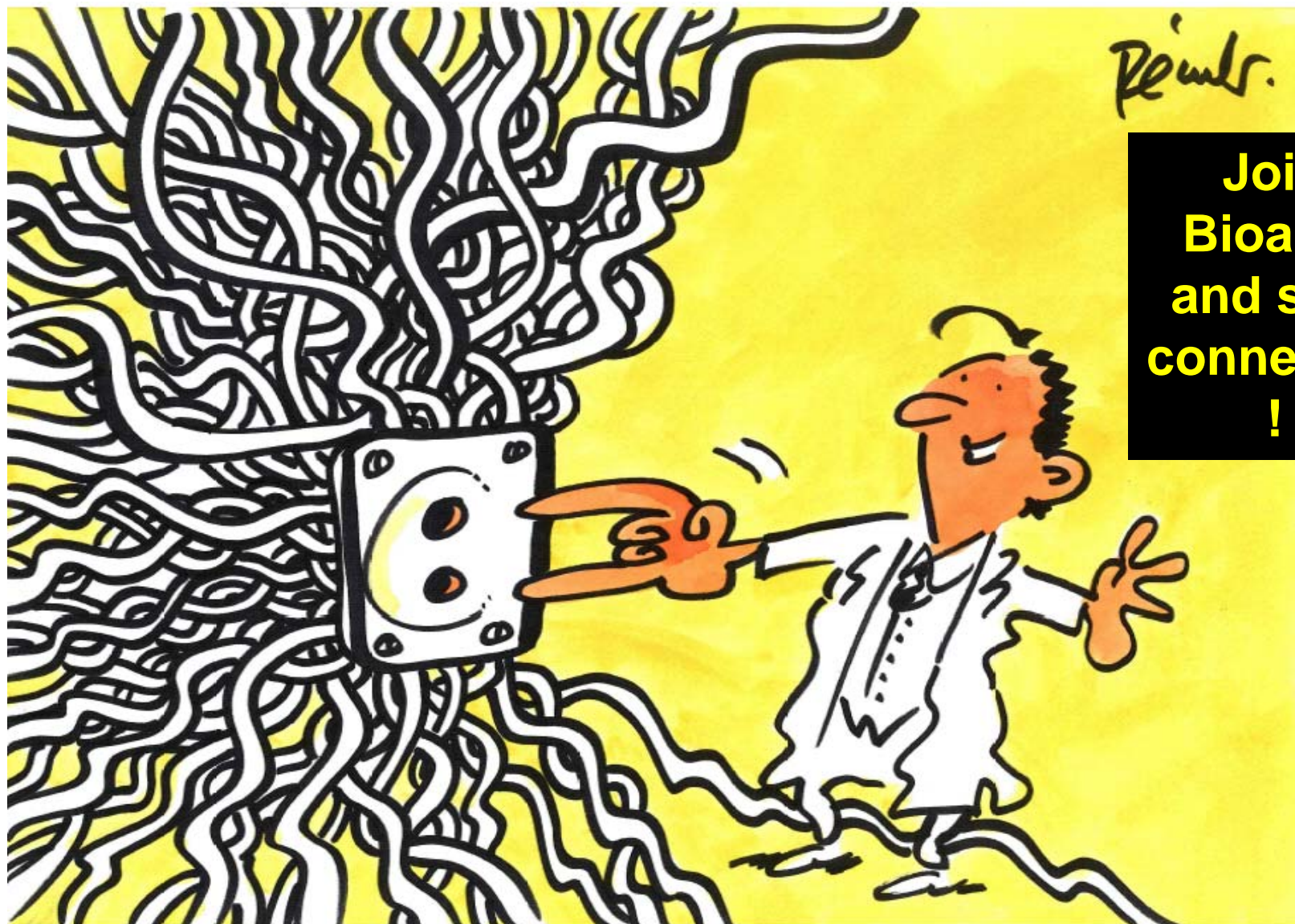
Raphael Konz

Roland Luthier

Catherine Lalive d'Épinay

Benoit dubuis

Sacha SidjanSki



**Join
Bioalps
and stay
connected
!**