



Cultivating Scientific and Business Excellence

Tom Brooks
Director of Development and Communications IRB
Managing Director Biopolo Ticino





Institute for Research in Biomedicine
Vision > Reality



Institute for Research in Biomedicine
*Vision > Ticino can make a significant contribution
to biomedical research in Switzerland and Abroad*





Institute for Research in Biomedicine

Vision > Share the vision: Year 2000



Institute for Research in Biomedicine

Vision > Recruit on the strength of your vision



Professor Antonio Lanzavecchia





8 Groups – One Theme

Human Immunology



Antonio Lanzavecchia

Fabio Grassi

Maurizio Molinari

Silvia Monticelli



Federica Sallusto

Marcus Thelen

Mariagrazia Ugucioni

Luca Varani



Institute for
Research in
Biomedicine

*Vision > Cultivate
the culture = don't
save on coffee..*





Institute for Research in Biomedicine

Vision > Teaching keeps you in touch with the future.



Teaching Excellence

- **Doctoral Program**

- 30 students
- Seminars and Lectures
- 40 PhDs defended



- University of Bern, Switzerland
- University of Southern Switzerland
- Federal Institute of Technology Zurich
- Vita-Salute San Raffaele University
- University of Lausanne, Switzerland
- University of Milan, Italy

- University of Basel, Switzerland
- University of Bologna
- University of Fribourg, Switzerland
- University of Siena
- Columbia University New York



Academic Affiliations

- Partner with ETH Zurich since 2008
 - Director Antonio Lanzavecchia named Full Professor in Human Biology
 - Technology Transfer
- Affiliation with University of Italian Switzerland
- Swiss Vaccine Research Institute with EPFL, CHUV, Ludwig



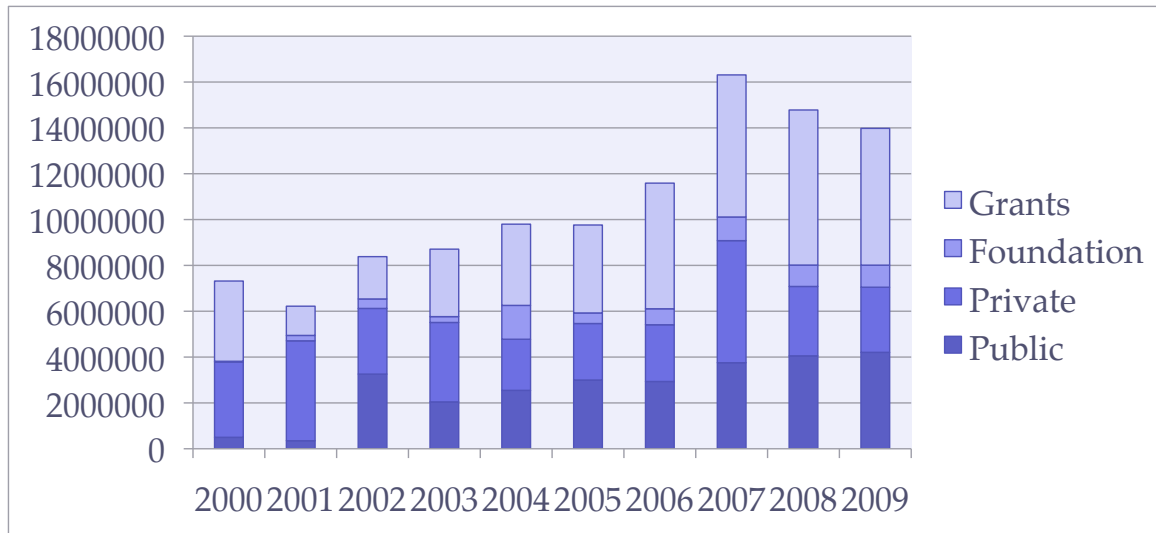
Major Scientific Meetings

- DC2010: *Forum on Vaccine Science*
 - 26-30 Sept. 2010 Lugano
 - Ca. 1000 international participants
- USGEB2010: *Frontiers in Human Biology*
 - 10-11 Feb. 2010 Lugano
 - Ca. 700 national participants

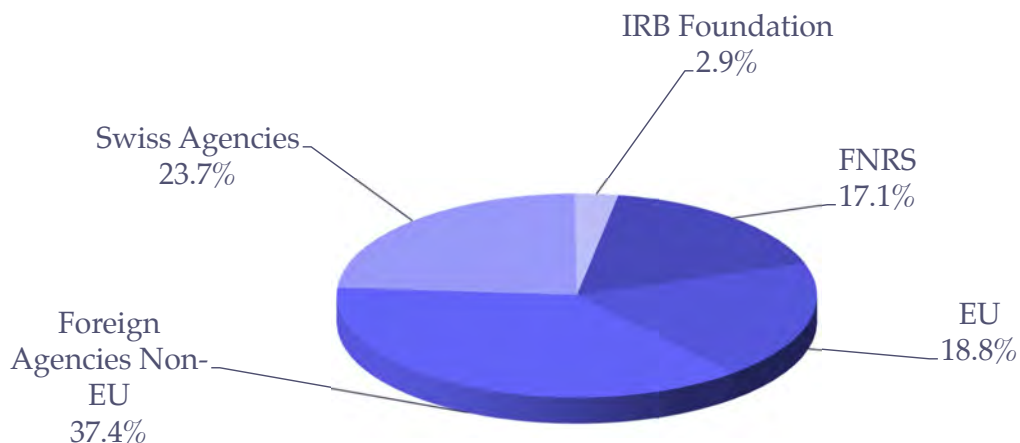




Evolution of the Budget



Funding by Source



Bill & Melinda Gates Foundation
Wellcome Trust
National Institutes of Health (USA)

Foundation



Strong Growth



Structural Integrity



20



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Istituto di Ricerca in Biomedicina

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Strong Growth



Structural Integrity



20



60



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Strong Growth



Structural Integrity



- More than 250 publications in 10 years with an impact factor of 11.3
- One Spinoff already making money
- 40 PhDs defended
- Affiliations with Federal and Local Unis
- Excellent imaging facilities
- Zero Debt
- SOUNDS GOOD?



Foundation



Strong Growth



Structural Integrity



- Risks**
- Pressure on the infrastructure:
 - Special facilities
 - Requests to host other institutes
 - IOSI
 - Neurocentro
 - ETH (training) ...
 - Art. 16 Funding
 - Building Delays
 - Politics
 - Big Boy recruiting
 - Grow “across the gap”



Foundation



Strong Growth



Structural Integrity



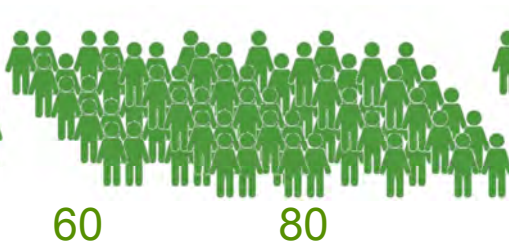
Transplant



Strong Growth



Ecosystem



Foundation



Strong Growth



Structural Integrity



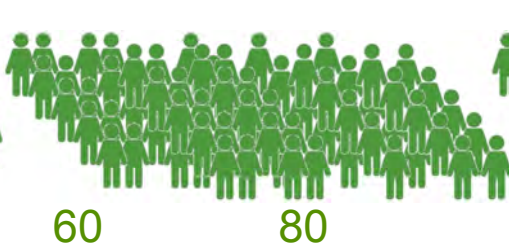
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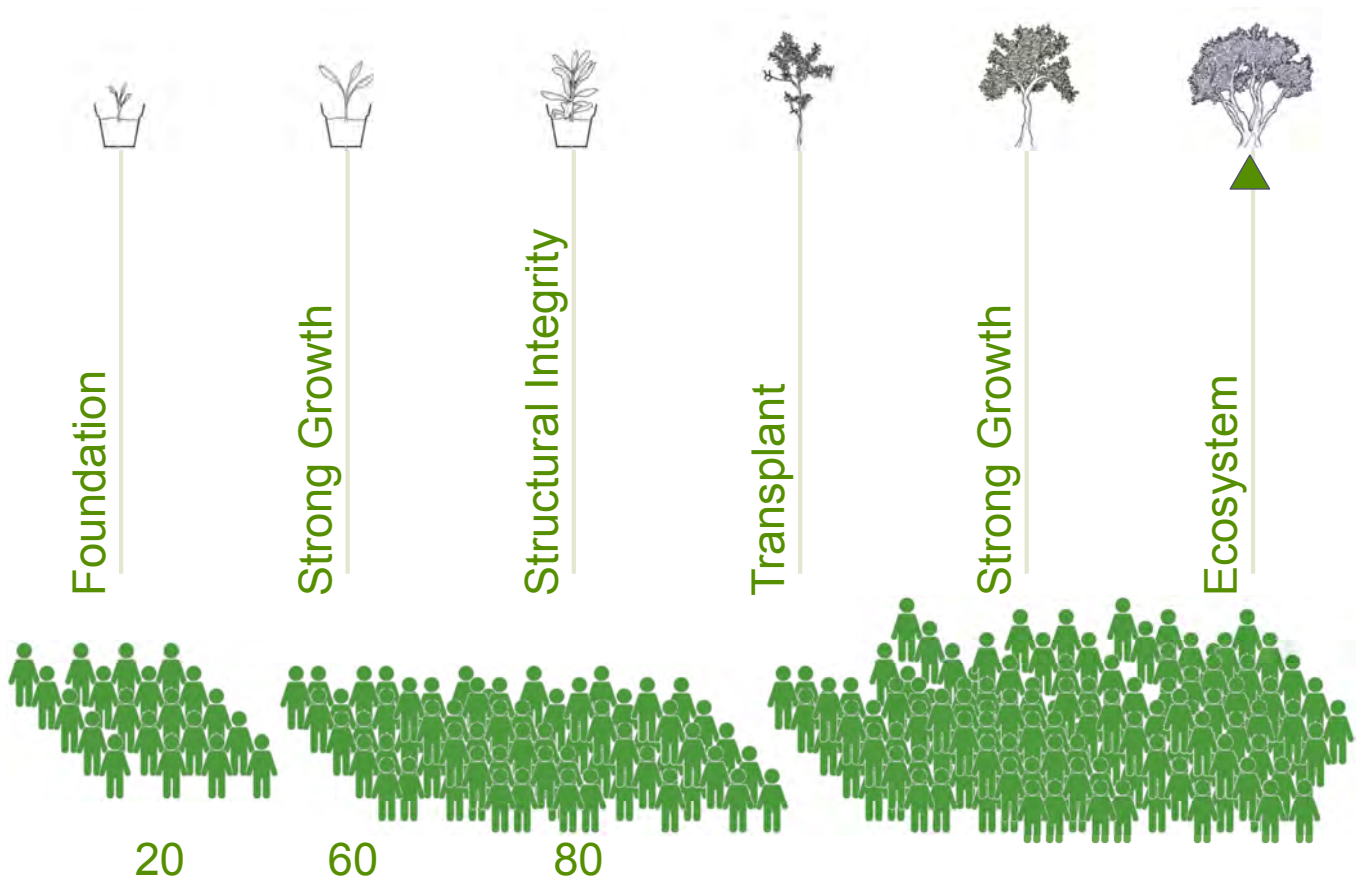


Strong Growth



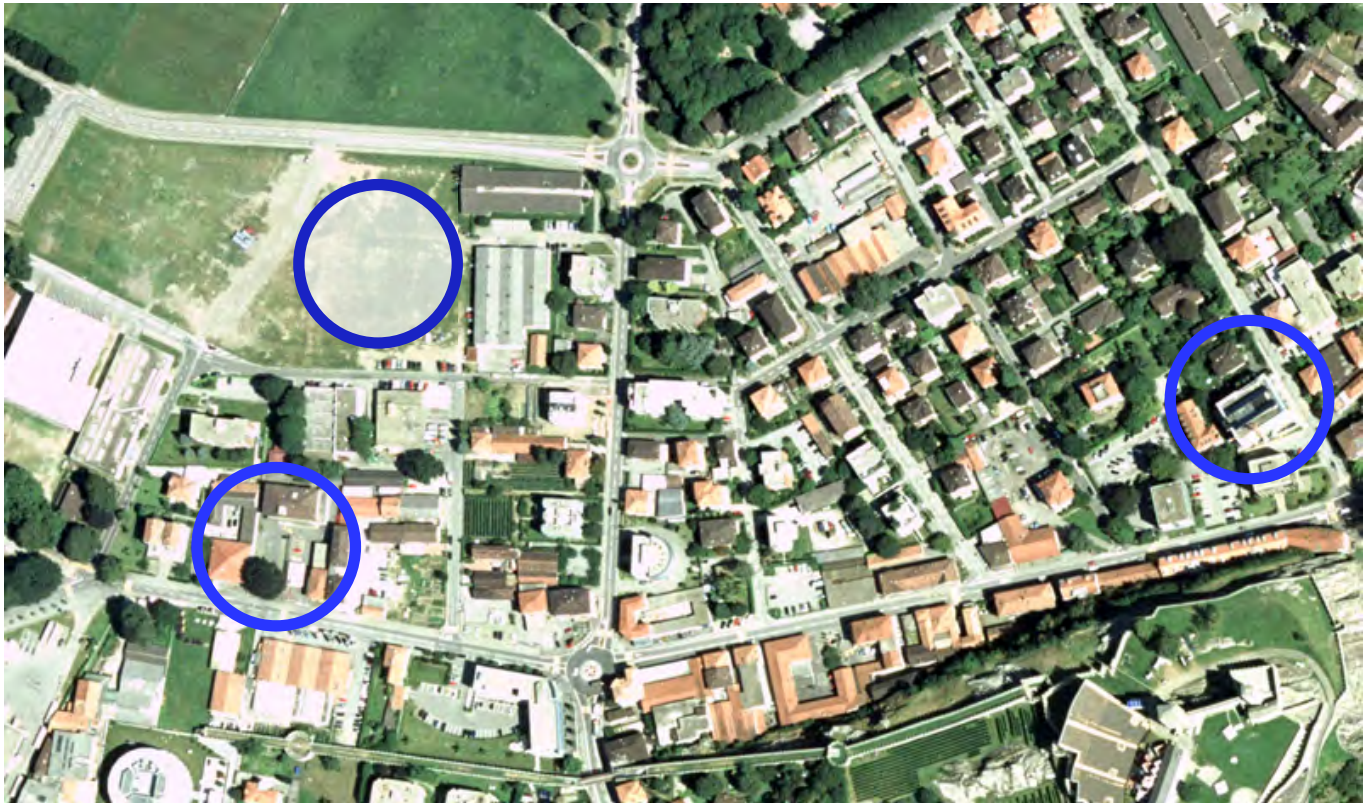
Ecosystem





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Arch. Mario Campi: Feasibility Study