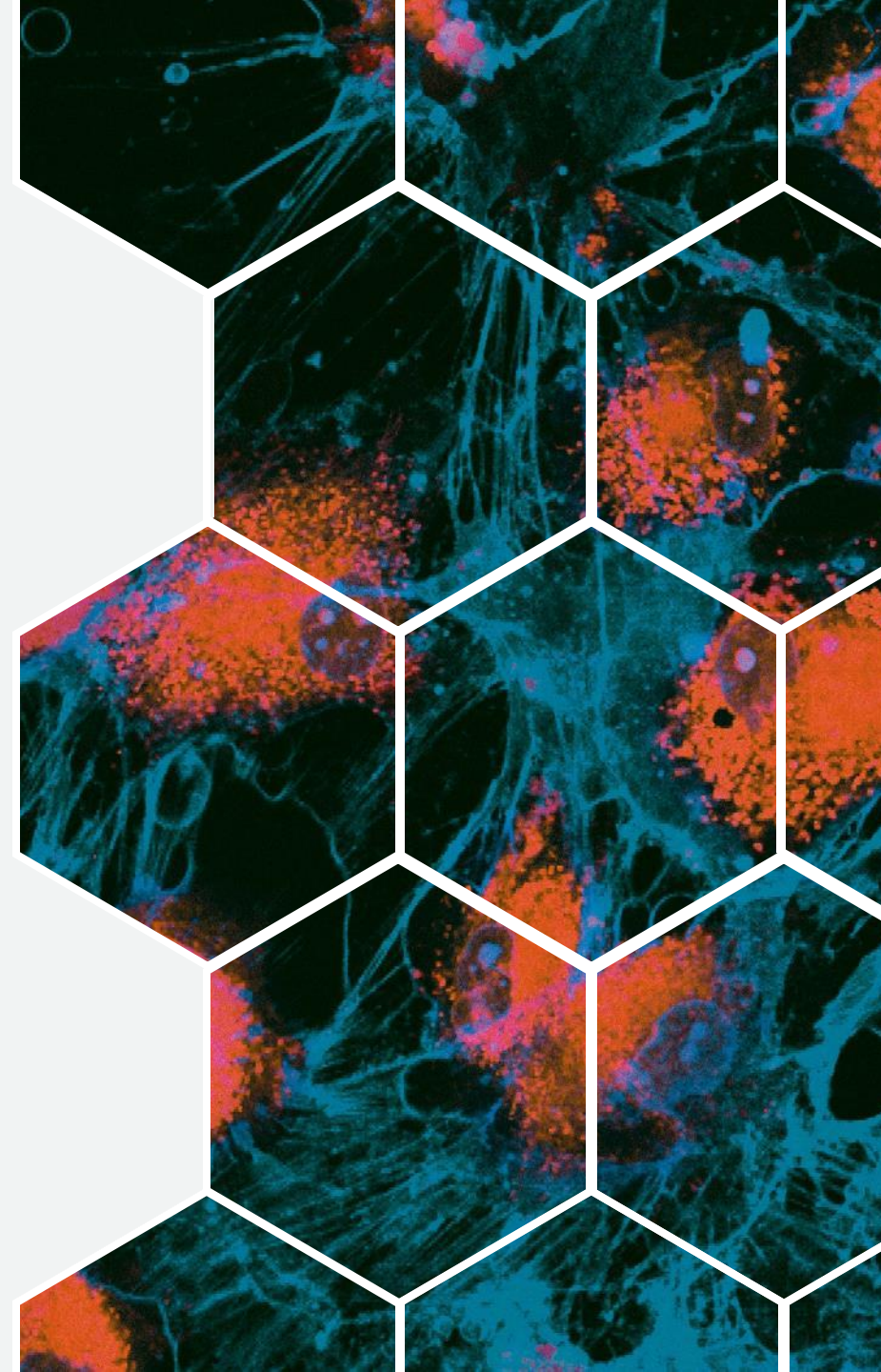




Biotechnet Meet-Up 2025: Aging and Biotech

Prof. Dr. Laura Suter-Dick
President, Biotechnet
Group Leader, FHNW School of Life Sciences

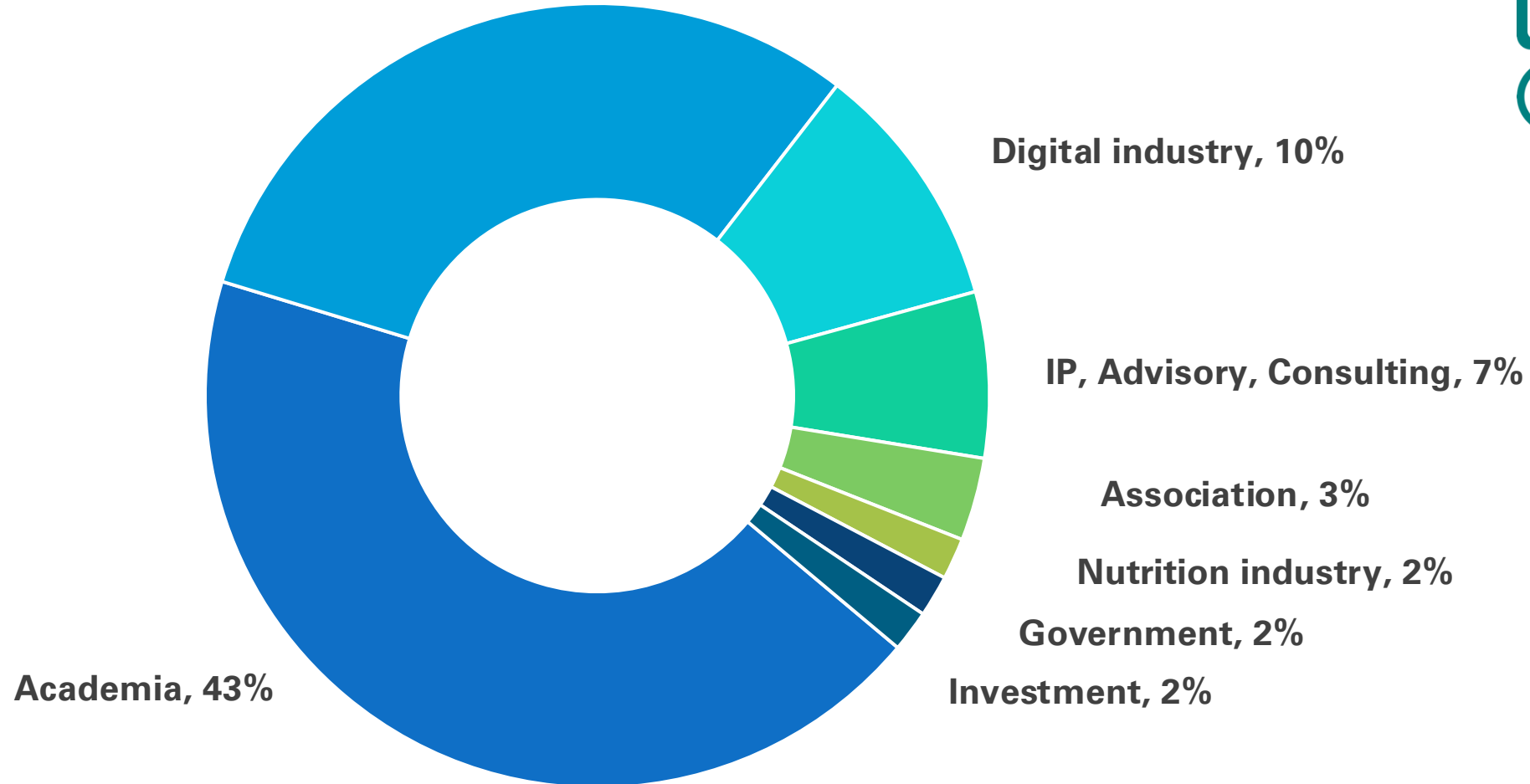


Thank you to our hosts and sponsors

The Google logo is displayed in its characteristic multi-colored font, with each letter in a different color: 'G' is blue, the first 'o' is red, the second 'o' is yellow, 'g' is blue, 'l' is green, and 'e' is red.The logo for 'satw' features the letters 'satw' in a bold, blue, lowercase sans-serif font. To the right of this, the tagline 'it's all about technology' is written in a smaller, grey, lowercase sans-serif font, arranged in two lines.

Who's here today?

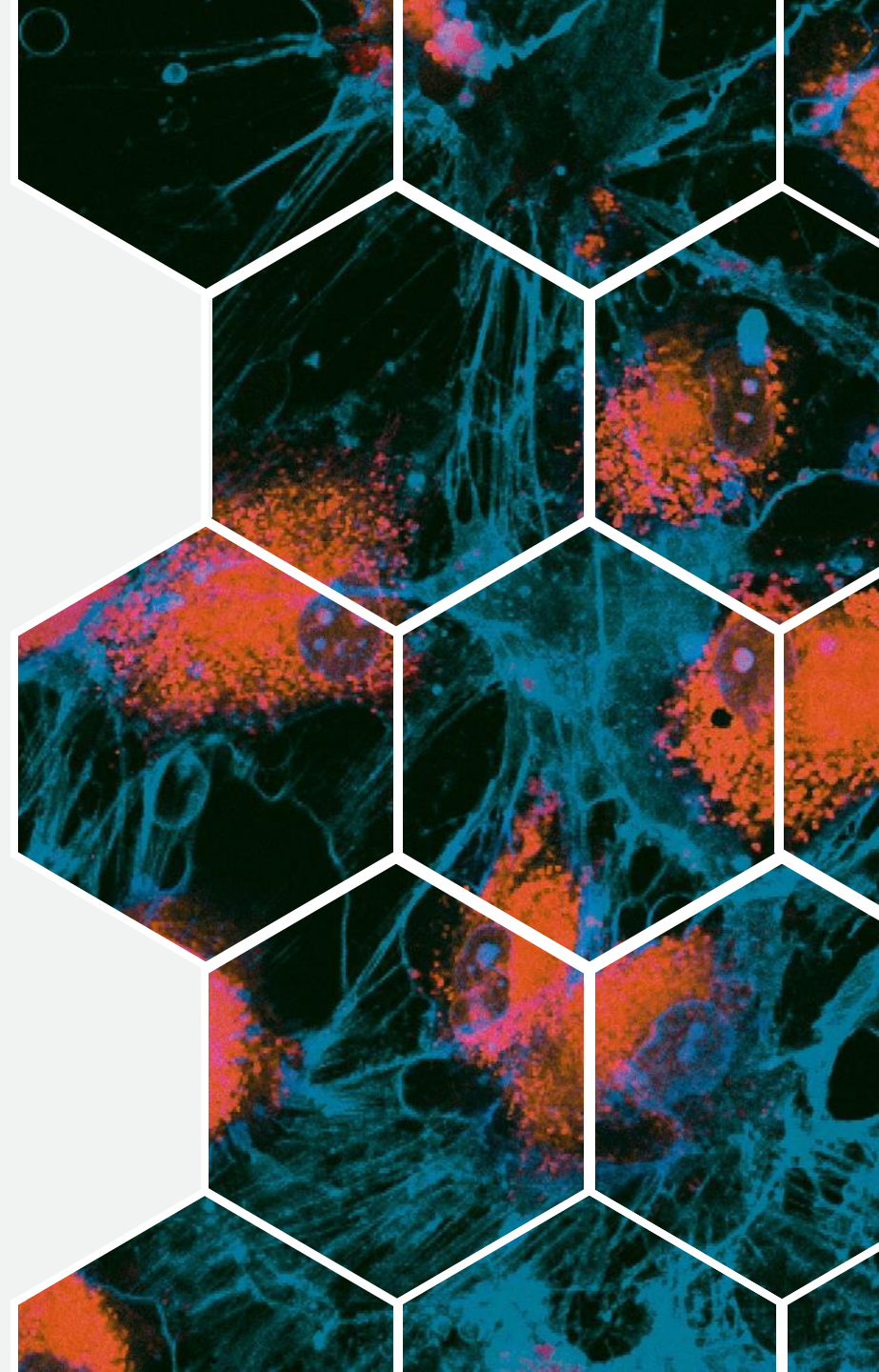
Biotech/biopharma industry, 31%



 Participant List

Why aging?

- Reach a common scientific understanding and separate facts from hype: **invited speakers share expertise**
- Explore potential interactions between **biotech** and **data science**
- Enable academic and industry researchers to meet and initiate new collaborations: **networking**
- Bring back the latest concepts to our teaching activities: **education**



Biotechnet Switzerland is a hub that encompasses the top Swiss partners from academia, university hospitals, and research organizations.

We conduct collaborative research with industry, to advance biotechnology in Switzerland.



FULL MEMBERS



AFFILIATED & GROUP MEMBERS



INTERNATIONAL PARTNERS & FRIENDS



**Bring together top expertise
across Switzerland**

**Combine core competences
of renowned research
organizations**

**Concentrate knowledge
and technology around
thematic platforms**

**Organize and promote scientific
and networking events**

**Facilitate partnerships
between industry and
research organizations**

**Ideal partner for SMEs and
large firms**

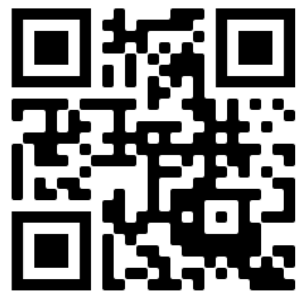
**Support biotech
education in Switzerland**

**Support acquisition and
development of talent from
Switzerland and abroad**

How can
we help
you do
biotech?

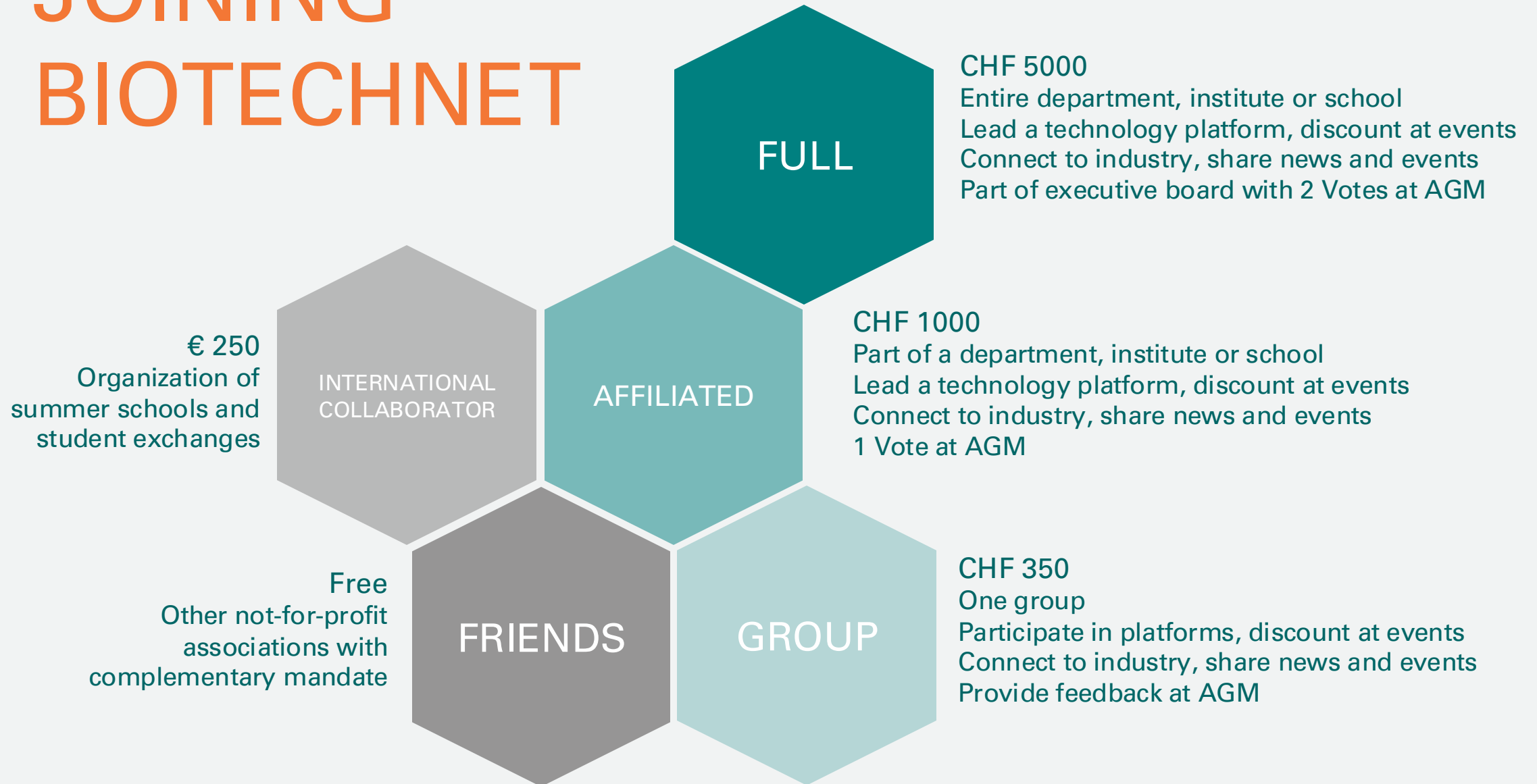
Find. Connect. Collaborate.

Search Swiss public research organizations



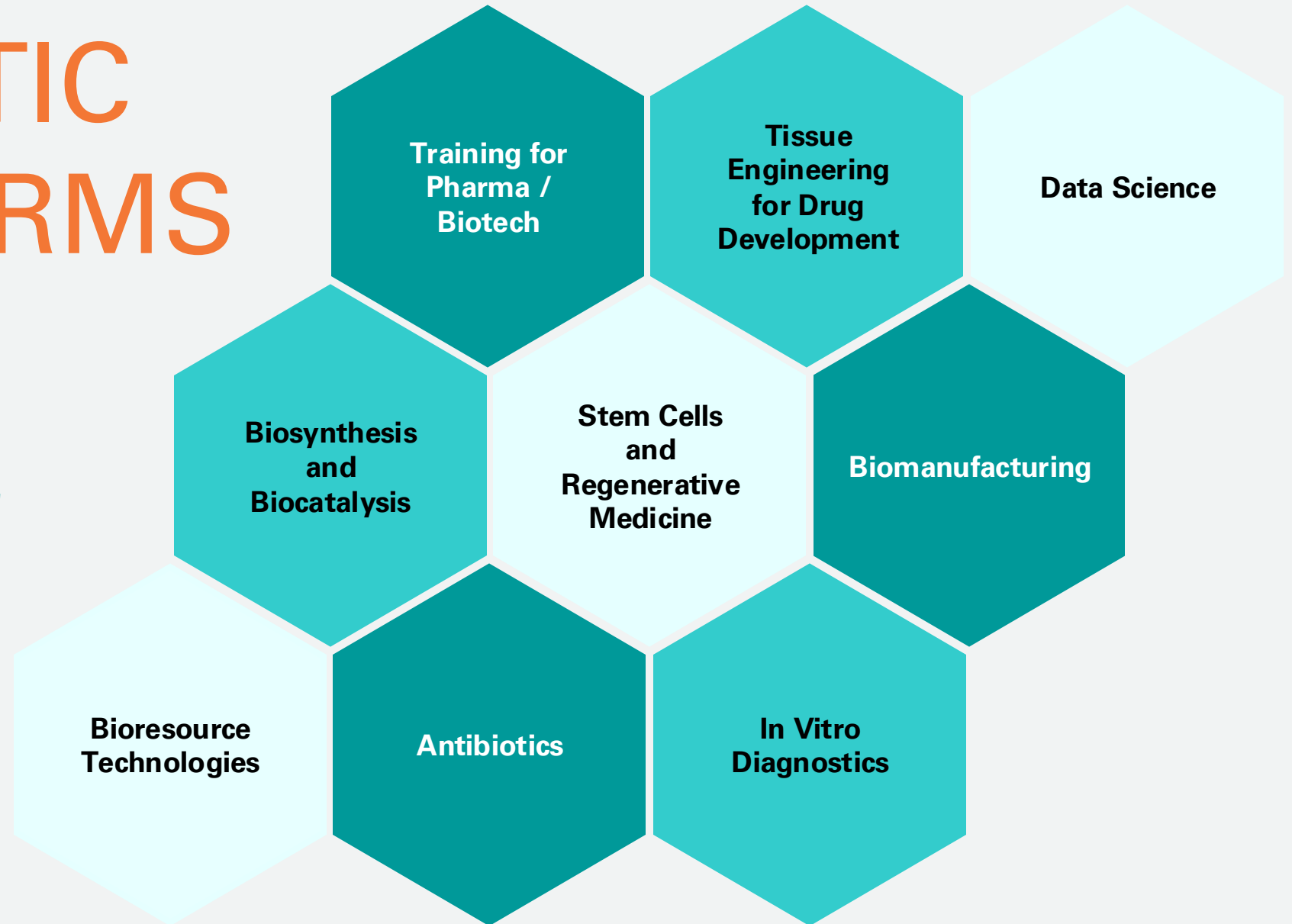
www.biotech.net.ch

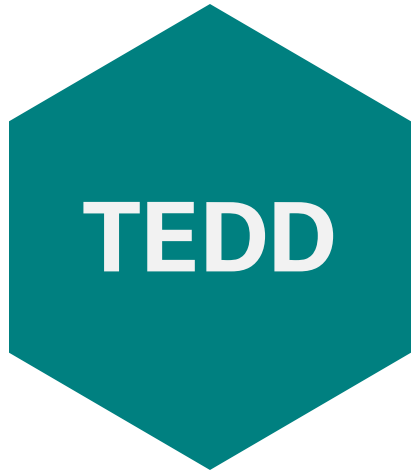
JOINING BIOTECHNET



THEMATIC PLATFORMS

Networking
makes
the difference!





Tissue Engineering for Drug Development



Dr. Markus Rimann

Education, R&D and networking platform promoting 3D organotypic technologies for therapies development



Dr. Kasia Kopanska

Aims to replace animal experimentation according to 3Rs (Replacement, Reduction and Refinement)

Organizes company, university, and other site visits, as well as scientific conferences



Stem Cells and Regenerative Medicine



Prof. Dr. Andreina Schoerberlein

Multidisciplinary research to unravel the communication network of stem cells within tissue and throughout the body during tissue regeneration



Prof. Dr. Amiq Gazdhar

Aims to efficiently and rapidly transfer basic research findings into clinical applications, with a focus on cell therapy

Hosts annual meeting at University of Bern



Data Science



Prof. Dr. Abdullah Kahraman

Fosters networking and collaborations between scientists interested in solving cutting-edge problems using data science-related tools



Dr Carine Poussin

Applies data science to cancer diagnostics, next gen sequencing, protein modelling and design, drug development, virtual screening, and bioprocess modeling and optimization



In Vitro Diagnostics



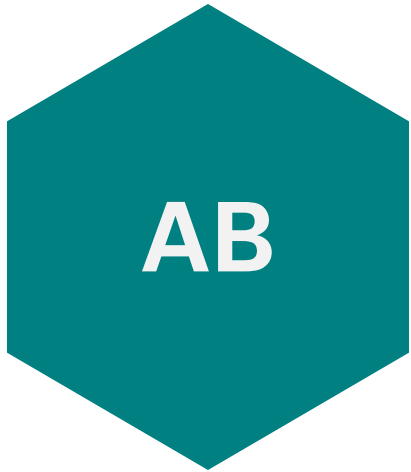
Dr. Samantha Paoletti

Promotes advances in in vitro diagnostics, using molecular biology, biochemistry, micro-/nanotechnology, bioanalytics, miniaturization, automation, data management, and regulatory affairs



Prof. Dr. Marc Pfeifer

Unites key stakeholders from industry, medicine and research organizations at its annual Swiss Symposium in Point-of-Care Diagnostics



Antibiotics



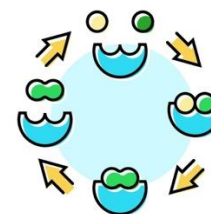
Prof. Dr. Markus Seeger

Brings together expertise of antibiotic research in Switzerland, with a focus on developing new antibiotics to treat multidrug resistant bacteria, and rapid diagnostics

Organizes an annual meeting and participates in international missions related to antimicrobial resistance (AMR)



Biocatalysis and Biosynthesis



Prof. Dr. Rebecca Buller

Promotes biocatalysis and biosynthesis as a complementary method to classic synthesis



Dr. Kathrin Hecht

Develops enzyme libraries and methods for biocatalytic and biosynthetic processes, and transfers them to the chemical and pharmaceutical industries



Biomanufacturing



Prof. Dr. Regine Eibl

Develops biopharmaceutical production processes for protein, cell, and gene therapeutics, and vaccines

Covers upstream and downstream processing, formulation, and fill & finish, and transfers processes to industry



Prof. Dr. Thomas Villiger

Organizes visits to member labs and fosters inter-institution R&D projects



Bioresources



Prof. Dr. Marco Rupprich

Recovers valuable inorganic and organic chemicals and materials from biowaste, wastewater, side-products of industrial processes and transforms them into products of value for society



Prof. Dr. Patrick Shahgaldian

No poster here today, but Marco and Patrick are here!

Euresearch supports frontier research, fellowships and exchanges, and world-class research infrastructure.

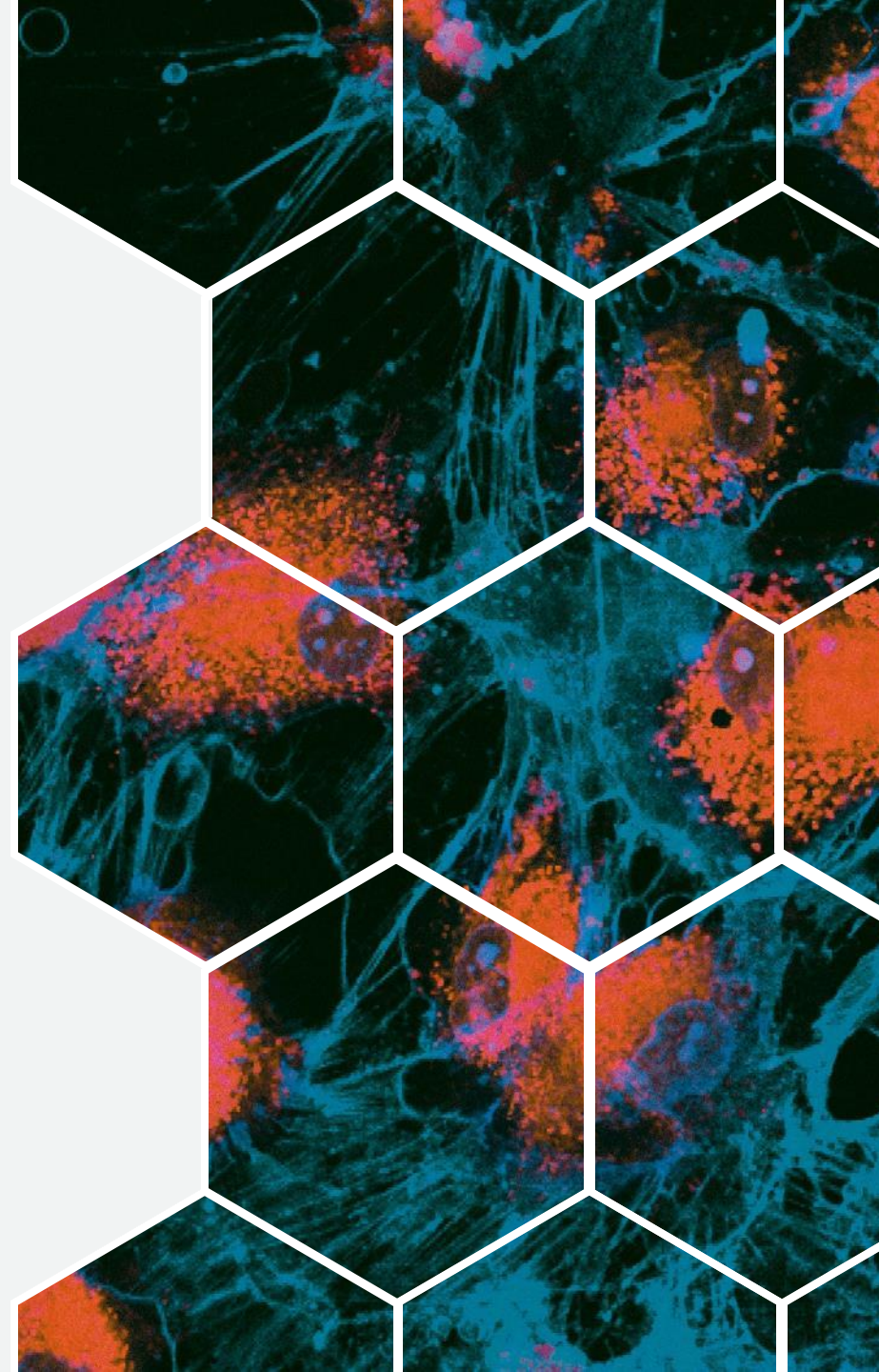
Researchers and innovators in Switzerland can participate in Horizon Europe.

Swiss entities can apply as Beneficiaries from programme year 2025 onward.



During the break:

- Visit platform posters
- Collect stamps
- Win a goodie bag!



AGENDA

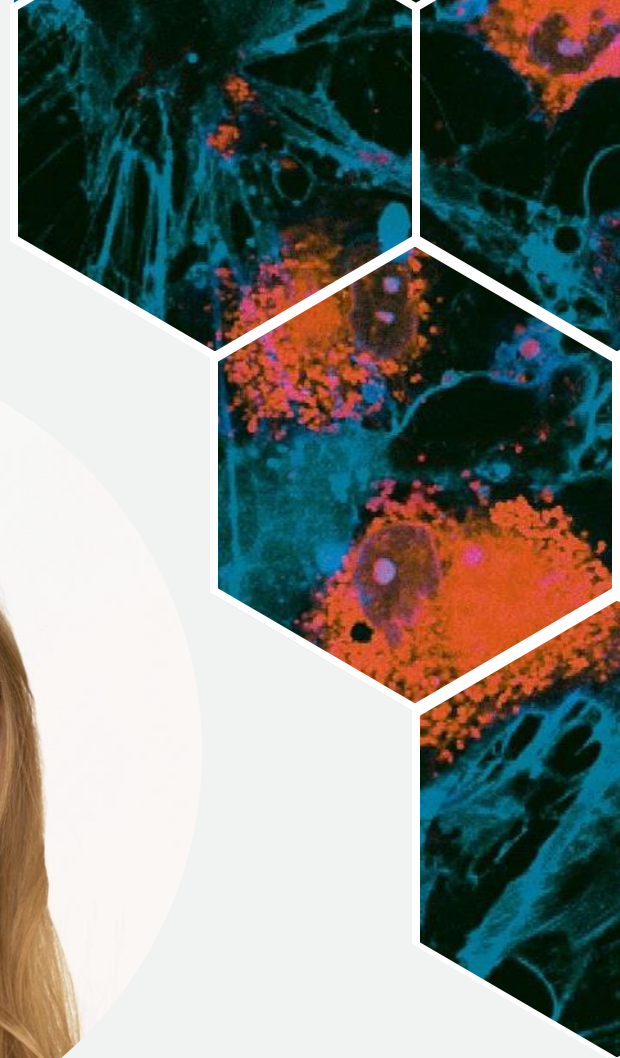
- 13.45 Dr. Ina Kramer, Novartis. *Diseases of aging and regenerative medicine.*
- 14.10 Dr. Aksana Labokha, Centenara. *Live longer, age better.*
- 14.35 Prof. Dr. Deborah Stroka, Uni Bern. *Why some organs age faster than others.*
- 15.00 Networking break – Visit Biotechnet platform posters, get stamps
- 15.30 Prof. Dr. Birgit Weinberger, Universität Innsbruck. *Immunosenescence: When the immune system gets old.*
- 15.55 Panel discussion
- 16.30 Dr. Christian Moser-Nikles, IPI. *Patent landscape: Aging and biotech.*
- 17.00 Apéro and networking

Biotechnet Meet-Up: Aging and Biotech

January 28, 2025
@Google Zürich

INVITED SPEAKER:
Dr. Ina Kramer, Novartis

*Diseases of aging and
regenerative medicine*

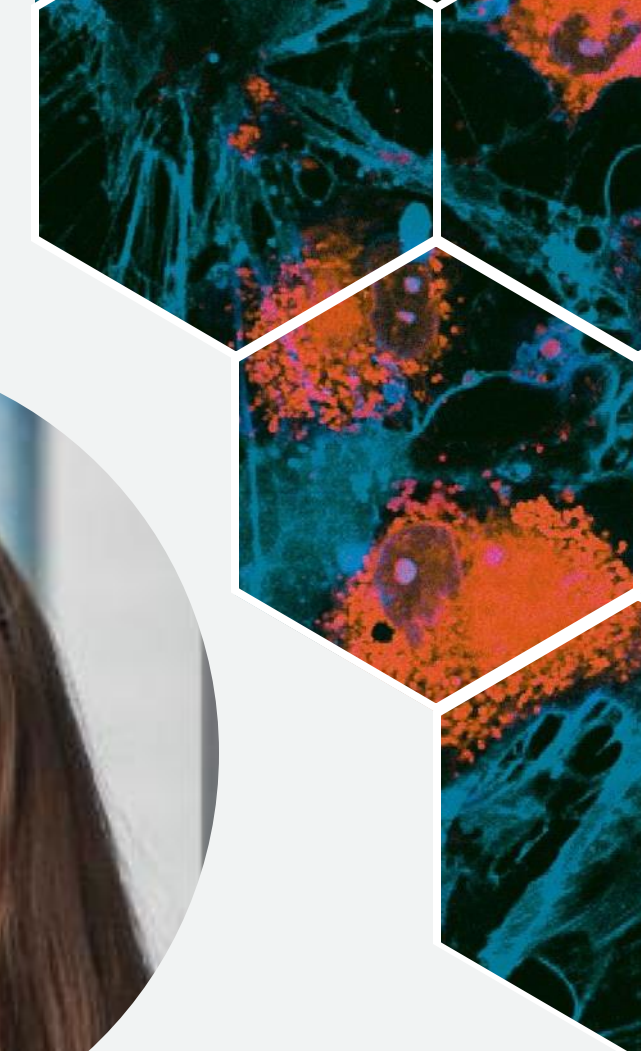


Biotechnet Meet-Up: Aging and Biotech

January 28, 2025
@Google Zürich

INVITED SPEAKER:
Dr. Aksana Labokha, CEO

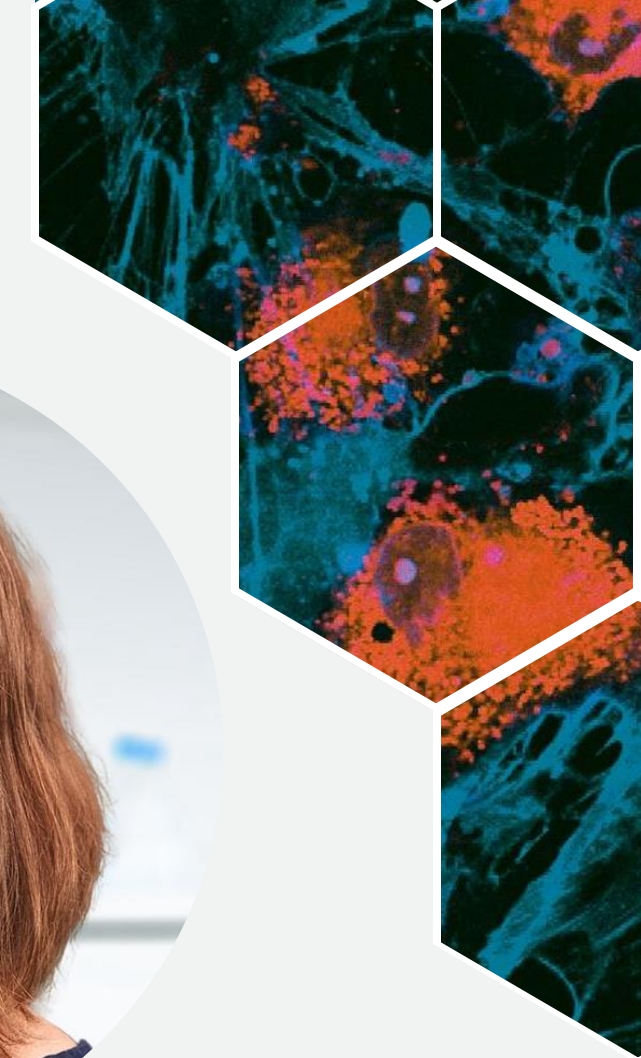
Centenara: Live longer, age better



Biotechnet Meet-Up: Aging and Biotech

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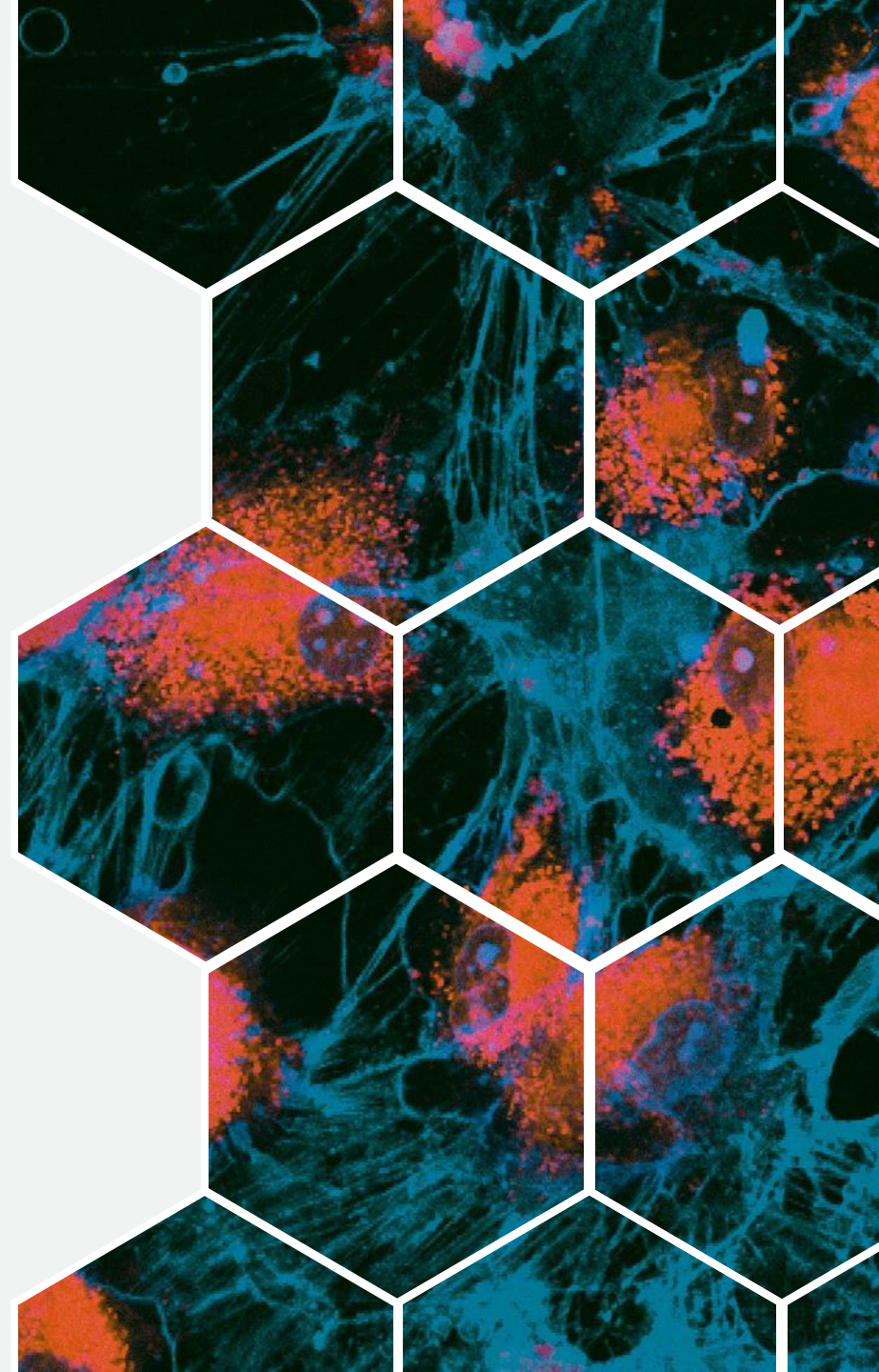
INVITED SPEAKER:
Prof. Dr. Deborah Stroka,
University of Bern
*Why some organs age faster
than others*





Coffee Break

- Visit platform posters
- Collect stamps
- Win a goodie bag!



Biotechnet Meet-Up: Aging and Biotech

January 28, 2025
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INVITED SPEAKER:
Prof. Dr. Birgit Weinberger
Universität Innsbruck
*Immune senescence: When the
immune system gets old*



PANEL DISCUSSION:

What role can and should biotech play in the realm of aging?



Moderator:
Dr. Carine Poussin
AI for Life Sciences, CSEM



Dr. Ina Kramer
Novartis



Dr. Aksana Labokha
Centenara



Dr. Deborah Stroka
University of Bern



Dr. Birgit Weinberger
Universität Innsbruck

Biotechnet Meet-Up: Aging and Biotech

January 28, 2025
@Google Zürich

Dr. Christian Moser-Nikles
Swiss Federal Institute of
Intellectual Property (IPI)
*Intellectual property landscape –
Biotech and aging*





Thank you!

Networking Apéro

