



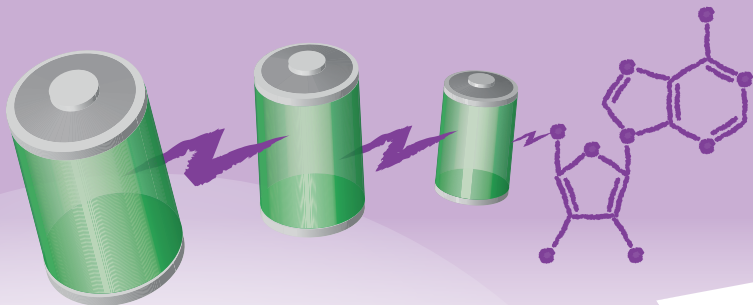
University of
Zurich^{UZH}

| **ETH** zürich

LSZYSN
life science zürich young scientist network

Life Science Zurich Young Scientist Network

Energize your career!



Welcome to
Zurich Life Science Day 2015
with the kind support of

biogen idec

Program

Session A (G30)

Session B (G45)

08:30 - 09:00

Registration

09:00 - 10:00

Welcome and Introduction by the Chairman of LSZYNS
&
Keynote Lecture
"Beyond the Science - progress and challenges with the deployment of Golden Rice"
Prof. Ingo Potrykus

CV Checks
ETH Career Center
UZH Career Services
Staufenbiel Institute
Kelly Services

10:00 - 10:30

Coffee Break & Company Exhibition

10:30 - 11:10

Careers in Biotech and
Strategic Management Services
Stratos Bio
Dr. Naja Joslin Kjeldsen, CEO

Current Trends in Pharma Recruitment
Auriga Vision
Susanne Rietiker

11:15 - 12:00

Careers in Intellectual Property
Nestlé
Dr. Sri Krishnan
European Patent Attorney

Job interview - DOs and DONTs
ETH Career Center
Martin Ghisletti
Inés Constantin Kleven

12:00 - 13:35

Cold Lunch & Company Exhibition

13:35 - 14:15

Innovation in Diabetes Treatment
Novo Nordisk
Dr. Patrick W. Garibay,
Research Project Director at Novo Nordisk

Careers in Big Healthcare
Johnson & Johnson
Seda Alan
Talent Acquisition Site Lead

14:20 - 15:00

Career Opportunities in Research &
Discovery in Big Pharma
Roche Diagnostics
Dr. Gabriele Pestlin
Diagnostics Liaison Manager

Career opportunities in Drug Development,
Business Development & Licensing
Novartis
Dr. Markus Kalousek
Global BD&L Franchise Head (S&E)

15:00 - 15:45

Coffee Break & Company Exhibition

15:45 - 16:25

Careers in Pharmaceutical Production
Lonza
Dr. Andreas Brunner, Head Microbial Biopharma R&D
Alexia McNamara, Senior HR Business Partner

Careers in a Life Science Start-Up
NBE-Therapeutics
Dr. Ulf Grawunder, CEO

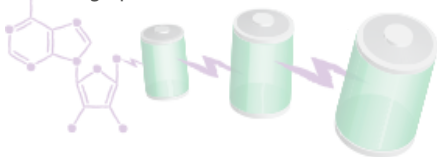
16:30 - 17:30

Finding your way in the European Funding
Landscape: Horizon 2020
and Other Opportunities
EU Grant Access ETH
Dr. Regina Notz

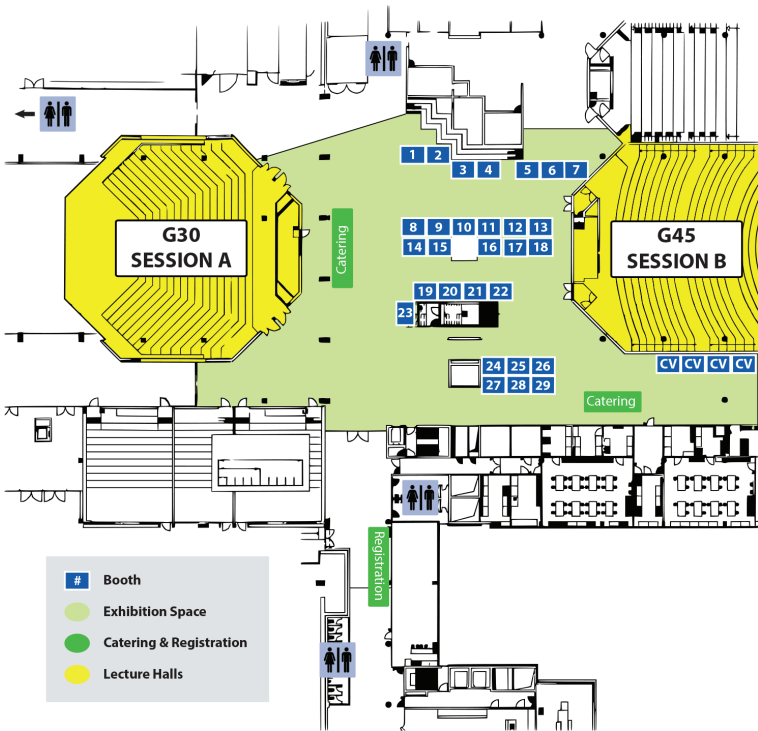
McKinsey - Helping to build healthy futures
McKinsey&Co
Boris Bogdan, Associate Principal (Zurich office)

17:30 - open end

Networking Apéro

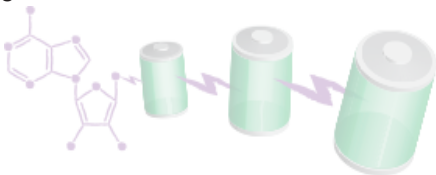


Floor Plan



List of exhibiting companies

1. Biogen Idec
2. Bachem AG
3. Celgene
4. AurigaVision
5. BSNL
6. Life Science Zurich
7. LS2
8. Novo Nordisk
9. Lonza
10. Staufenbiel
11. Kelly Services (Schweiz) AG
12. Swiss Reinsurance Company Ltd.
13. Healthcare Businesswomens' Assn. (HBA) Europe
14. Astellas Pharma AG
15. AbbVie
16. IMS health
17. Contact Singapore
18. Swiss Assn. of Pharmaceutical Professionals (SwAPP)
19. DHC AG
20. Roland Berger Strategy Consultants
21. Hays
22. Accenture
23. Johnson&Johnson
24. EU GrantsAccess
25. Hutman
26. Infochroma AG
27. LabBiotec
28. eth-gethired
29. Promega AG





Beyond the Science -progress and challenges with the deployment of Golden Rice.

by Prof. Ingo Potrykus

Golden Rice has been genetically engineered to provide sufficient provitamin A with a routine diet to prevent vitamin A deficiency, blinding ca. 500 000 children and killing 2 million p.a.

The science was completed in 1999. Deployment, as public good, depends upon product development and deregulation. Public institutions are developing optimised rice varieties in Southeast Asia, the hotspot of vitamin A deficiency.

The consequences of regulation led to a delay in deployment for more than 15 years. There is scientific consensus that GMO-specific regulation is neither useful nor justified.

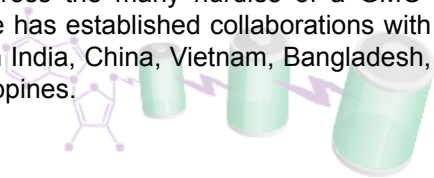
Ingo Potrykus

Ingo Potrykus is the co-inventor of « golden rice », arguably the most famous GMO of the 21st century and the ambitious project to save an estimated 300 million people from blindness associated with vitamin A deficiency.

He was born in Hirschberg im Riesengebirge, Germany. He studied biology at the University of Cologne and earned his doctorate at the Max-Planck Institute for Plant Breeding Research, Cologne, Germany. After several years at the Institute of Plant Physiology, University of Hohenheim, he became a research group leader at the Max-Planck Institute for Plant Genetics, Ladenberg.

In 1976 he transferred to Basel, Switzerland to establish the area of plant genetic engineering at the Friedrich Miescher Institute. In 1986, he became professor of plant sciences at the ETH Zurich, concentrating on the Biotechnology of Plants.

Since 1999, as president of the International Humanitarian Golden Rice Board, he has devoted his energy to guiding the Golden Rice towards subsistence farmers across the many hurdles of a GMO-crop. To this end, he has established collaborations with 14 rice institutions in India, China, Vietnam, Bangladesh, Indonesia, and Philippines.



Careers in Biotech and Strategic Management Services

*by Dr. Naja Joslin Kjeldsen, CEO
from Stratos Bio*

Stratos Bio is a company giving advice to Biotech and pharmaceutical companies strategic management and positioning. It also helps start-ups and is delighted to help PhD's find a suitable career and seriously consider the potential to commercialise their PhD's.

Careers in Biotech need to be seriously balanced against the robustness of the companies, their earning potential, the packages and training offered and potentially bringing in the relevant PhD experience. Careers in strategic management services are best followed by joining the big consultancy groups.

Dr. Naja Kjeldsen obtained her PhD in Physical Chemistry and Microbiology from London University. She has worked in research and development in a UK based startup company, in contract management at Roche Biometrics, in due-diligence teams for in-licensing, portfolio management and has acted as global head of project management at Biometrics, Novartis.

Lately she has exercised the function of CEO at Stratos Bio, a consortium of experts in Pharmaceutical/Biotech development specializing in strategic management expertise and advice to the biopharmaceutical industry and to investors in health care companies.

Current Trends in Pharma Recruitment

*by Susanne Rietiker
from Auriga Vision*

Susanne Rietiker will present an overview of career paths in the healthcare industry. She will talk about opportunities, challenges and give hands-on advice on careers in the pharmaceutical industry.

The talk will cover the following aspects:

- Ways to start a career in the healthcare industry
- Different career paths
- How do companies choose amongst candidates
- Changes in recruitment strategies & impact for candidates

Susanne Rietiker started her career in the pharmaceutical industry immediately after having completed her studies as a pharmacist at ETH Zürich. She first gained experience as a sales rep and in marketing, then assumed responsibility for a sales and marketing team. At the same time she studied marketing management for two years. She then became the Business Unit Manager at Essex Chemie (now MSD). After several years in this position she was headhunted to set up the Swiss subsidiary of Biomatrix and acted as Country Manager. Shortly before the company was sold to Genzyme she accepted a new challenge as Managing Director for Biogen Idec. She started the Swiss subsidiary from scratch, hired a team, introduced several specialty care products in the market, reached a significant sales turnover. After 10 years in this always changing position she left and started her own company in Executive Search for the Healthcare Industry. In the past 5 years she has created a specialised recruitment team and has gained many of the top pharmaceutical and medtec companies as her regular customers.

Careers in Intellectual Property

*by Dr. Sri Krishnan, European Patent Attorney
from Nestlé*

Sri Krishnan will present career opportunities for scientists interested in going in the direction of intellectual property.

The talk will cover following aspects:

- Introduction to intellectual property
- Qualifications required
- Perspective from industry and private practice
- Typical description of everyday job for a patent attorney at Nestlé

Dr. Sri Krishnan is a European Patent Attorney at Nestlé. He earned his Master's degree in industrial Biotechnology from Bristol, U.K. and a doctorate in Biotechnology (Molecular Genetics) from University of Gent, Belgium. He received training in intellectual property at Queen Mary College, University of London, U.K. He has spent a decade serving different industries including pharmaceuticals and manufacturing as a patent attorney. He also served as an associate in a leading US law firm, Finnegan. During his tenure as a patent attorney, he has drafted several patent applications relating to inventions in the field of Diagnostics, Food, Pharmaceuticals, Medical devices, Metallurgy and Vaccines. Today, he is working at Nestlé supporting the beverage business unit relating to Nescafé and the diagnostic company Prometheus laboratories. He is a member of the Institute of Professional Representatives at the European Patent Office and an associate of the Chartered Institute of Patent Attorneys.

Job Interview - DOs and DON'Ts

*by Inés Constantin-Kleven & Martin Ghisletti
from ETH Career Center*

Thanks to a broad recruitment experience and a large number of interview trainings with students and doctoral students, the members of ETH Career Center know not only the typical questions asked in first job interviews but they also know about the uncertainties of candidates.

ETH Career Center presents a self-produced video, which shows a job interview situation with typical first questions, good and critical answers but also frequently observed uncertainties. On the basis of the video and additional comments they show you what you can expect in a first job interview, what stands behind the questions and which is the best way to demonstrate your skills.

Martin Ghisletti, Head ETH Career Center worked in a variety of management positions in Human Resources. At Hewlett Packard Switzerland and AXA Winterthur he was HR Director and a member of the extended management board. Martin Ghisletti has a degree in business administration from the University of St. Gallen (HSG).

Inés Constantin-Kleven, Career Advisor / Project Manager was responsible for the preparation of an International Training Program concept at DaimlerChrysler in Sindelfingen. From 2006 onwards she worked for ALSTOM (Switzerland) Ltd as a Communications Manager and over the past two years, she was the global University Relations Manager for ALSTOM Power. Inés holds an International Master in Media, Communications and Cultural Studies from the Universities of Florence and Kassel

Innovation in Diabetes Treatment

Science careers within the field of protein based therapeutics

*by Dr. Patrick W. Garibay, Research Project Director
from Novo Nordisk*

The number of people burdened by diabetes is estimated 380 million. Unfortunately, these numbers are growing at an alarming rate, thus there is an increasing need for improved treatments. Novo Nordisk has been devoted to developing insulin's since the 1920's, just after the discovery of insulin by Banting and Best. Since then the company has been combining their deep understanding of the disease together with their expertise in protein chemistry to develop novel therapies. Using his experience within diabetes research, the speaker will describe the science involved in the development of modern insulin and GLP-1 therapies and provide insight into the opportunities for scientific careers within protein based therapeutics for the treatment of diabetes.

Dr. Patrick W. Garibay was born in California in the USA, and received his B.S. in chemistry from San Diego State University. After relocating to Denmark he performed his master's degree at the Technical University of Denmark followed by PhD studies at the School of Pharmaceutical Sciences at the University of Copenhagen. In both graduate programs projects were performed with scientific collaborations between the universities and Novo Nordisk. In 2000, he was employed as Research Scientist at Novo Nordisk and since then he has held different positions within line and project management. Today, he is Research Project Director and is presently managing projects in the areas of oral protein delivery, diabetes and obesity therapy at Novo Nordisk.

Careers in Big Healthcare

*by Seda Alan, Talent Acquisition Site Lead
from Cilag AG, Schaffhausen*

Johnson & Johnson Family of Companies in Switzerland is one of the leading health care companies in the world, with more than 275 operating companies located in 60 countries, focusing on three sectors: Pharmaceuticals, Medical Devices & Diagnostics and Consumer Healthcare.

In this joint talk given by Seda Alan & her Talent Acquisition team members, the Johnson & Johnson representatives will give an insight into the Johnson & Johnson Family of Companies, combining all three sectors and the various Career opportunities for Life Scientists in the business segments: Pharma, MD&D and Consumer.

Seda Alan is a member of the Talent Acquisition Team of Johnson & Johnson in Switzerland, based in Schaffhausen, recruiting for the Pharma Sector at Cilag AG. Her job and goal is to present the exciting career opportunities within Johnson & Johnson in Switzerland, and in particular, to acquire professionals and most importantly a new generation of talent that is passionate and likes to take on new responsibilities. Seda is an experienced recruiter with more than 6 years of Talent Acquisition expertise, throughout many sectors. She has been with Johnson & Johnson for more than 2.5 years now and holds a BSc in Business Administration from the University of Applied Sciences Winterthur.

Career Opportunities in Research and Development in Big Pharma

by Dr. Gabriele Pestlin, Diagnostics Liaison Manager from Roche Diagnostics

Dr. Gabriele Pestlin will share her career experiences and tell you about the career opportunities in research and development in Roche Diagnostics

Dr. Gabriele Pestlin has ample experience in the pharmaceutical industry as a researcher and coordinator. After serving as head of Quality Management at Bios Laborsysteme (Munich, Germany) and performing postdoctoral research at Boehringer Mannheim (Mannheim, Germany), Gabriele has joined Roche Diagnostics (Penzberg, Germany) where she has held a number of functions as Analytics Manager, Director of Proteomics, Head of IP Management in Diabetes Care and currently serves as Diagnostics Liaison Manager in Personalized Healthcare.

As such, she coordinates the pharmaceutical research and development of novel drugs with the discovery of novel biomarkers. This places Gabriele at the interface between resource management and science: "Roche is so big, that not everyone can be aware of all the internally available knowledge. Yet it is of great importance for us to bring together ideas and technology in an early phase" she says in an interview for the German journal Handelsblatt.

Career paths in Drug Development Business Development & Licensing

*by Dr. Markus Kalousek, Global BD&L Franchise Head (S&E)
& Sandro Cramer, Head HR University Relations
from Novartis*

Markus Kalousek will share his career experiences, moving from Academia to CRO, Biotech and Big Pharma.

Key points being covered in the presentation:

- How can I find out and decide which direction to take in my career?
- Biotech vs. Big Pharma – what are the learning and career opportunities?
- Potential pitfalls and success factors for a career in Big Pharma
- Potential career entry points & career paths at Novartis

Dr. Markus Kalousek is heading 'Search & Evaluation' for one of Novartis Pharma's major Franchises (Immunology, Dermatology, Transplantation, Nephrology and Hepatology). In this role he is responsible for in-licensing of new drug development programs and acquisition of Biotech companies, in order to complement Novartis' internal pipeline. He studied Biochemistry and Molecular Biology at Zurich University, followed by a PhD at the ETH Zürich. After his Postdoc in cancer research he entered the industry as project manager in a CRO, followed by positions of increasing responsibility in Biotech and Pharma (10 years at Novartis). Dr. Kalousek has been the global leader for one of Novartis' most successful drug development programs and has been instrumental for building up Novartis' China drug development organization before joining Business Development & Licensing.

Career in Pharmaceutical Production

*by Andreas Brunner, Head Microbial Biopharma R&D
& Alexia McNamara, Senior HR Business Partner
from Lonza*

Andreas Brunner will introduce Lonza's capabilities in the pharmaceutical custom manufacturing area and present career opportunities in Lonza, one of the leading Swiss Life Science company.

Andreas Brunner was born in Brig (Switzerland) in 1966, Andreas Brunner studied chemistry at the ETH Zürich graduating with a thesis in organic chemistry. He earned his PhD in chemistry under Professor Dieter Seebach in the institute of organic chemistry of the ETH Zürich. After a post-doctoral stay at the Université Paris Sud under the supervision of Prof. H.B. Kagan, Andreas Brunner joined Lonza AG in Visp and held various positions in the custom manufacturing service unit including an expat period in China in order to establish a chemical process development organization. He is currently leading the microbial customer development organization with around 60 co-workers covering strain development, cell banking, USP- and DSP development as well as analytical development. **Alexia McNamara** was born in Liestal (Switzerland) in 1968, Alexia McNamara studied hotel management in Glion. Alexia joined Lonza in January 2014 and has more than 15 years experience working in Human Resources as an HR Manager, Project Leader and HR- Consultant in IT and the Pharma Industry in Switzerland and EMEA. She is the HR Business Partner for Lonza Pharma Biotech R&T globally and also Business Partner to the Customer Development Organizations in Switzerland.

Careers in a Life Science Start-Up

*by Dr. Ulf Grawunder, Founder and CEO
from NBE Therapeutics*

Ulf Grawunder will talk about how work and research is in a small start-up company. He will provide a view from two angles –the pros and cons of starting your own start-up, and, what the opportunities are for team members joining such a start-up at various early stages of company development.

Specific questions that will be addressed during the presentation are:

- What do you need to start your own Life-Science start-up company ?
 - What mind-set is required to become a team member in a start-up ?
 - What are critical success factors for managements and team members alike ?
-

Dr. Ulf Grawunder is a Life Science entrepreneur. Ulf originally studied Biochemistry at the University of Bayreuth, Germany, before starting a PhD thesis at the Basel Institute for Immunology, focusing on B cell Immunology. After his PhD thesis, he performed several years post-doctoral research in the U.S. at Washington University School of Medicine, in St. Louis, MO, and at University of Southern California, in Los Angeles, CA. After that he returned to Europe to become a principal investigator at the Basel Institute for Immunology and the University of Basel, before he switched into the Biotech industry by starting his first company 4-Antibody in 2004. Ulf Grawunder also holds a Diploma in Technology Entrepreneurship from the University of St. Gallen (HSG), and he is Vice-President of the Swiss Biotech Association.

Finding your way in the European Funding Landscape: Horizon 2020 and Other Opportunities

by *Dr. Regina Notz*

from EU Grant Access ETH

Finding funding for your research idea can be very confusing.

- Where can I find money for my project?
- What do I have to do and whom can I ask?
- This presentation will give you a first overview over the funding possibilities in Europe and gives you tips where you can get more information.

Dr. Regina Notz works for EU GrantsAccess as a senior research manager since 2009. She studied at ETH Zurich, where she also did her PhD in Phytopathology. Her PhD was followed by a PostDoc as a Marie Curie Industrial Fellow at the Unilever Research and Health Institute in the Netherlands. Regina stayed for 5.5 years with Unilever, moving from basic research towards product development and managed the dairy category supply chain and innovation microbiology team. Back in Switzerland, Regina followed up on her passion for project management and consultancy at her current position in the international grants office of ETH and University of Zurich. She recently obtained a Certificate of Advanced Studies in project management and manages multiannual projects with several academic and industrial partners sponsored by the European Commission. Regina is also in charge of supporting researchers with US grants, e.g. NIH.

McKinsey - Helping to Build Healthy Futures

*by Boris Bogdan, Associate Principal
from McKinsey Zurich*

In this overview of McKinsey's Life Sciences activities, we would like to discuss with you a wide range of opportunities in our firm for scientists to develop their skills and gain a business perspective in areas ranging from pharmaceuticals to public sector.

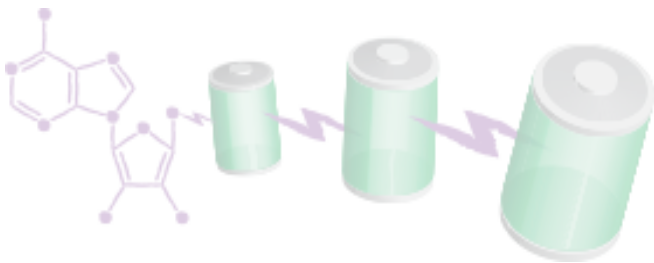
Boris Bogdan: After studying medicine at the University of Basel and Barcelona, Boris Bogdan practiced as an assistant doctor in surgery. He has doctorate in the field of hospital management and was engaged in proteomics research in different world leading institutions before co-founding a company in the life sciences sector. He ran the company for five years before completing his MBA at INSEAD and joining McKinsey in 2011. He is currently an Associate Principal in McKinsey & Company's Zurich office and mainly works with clients in the pharmaceutical and healthcare sectors. In his free time, Boris enjoys spending time with his family and taking part in sports.

Notes

Notes

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