

Swiss Start-ups

Editorial

Guido Koch

Correspondence: Dr. Guido Koch
Topadur Pharma AG
Grabenstrasse 11A, 8952 Schlieren, Switzerland

Three Priorities for Promoting Entrepreneurship – the Swiss Entrepreneurs Initiative

*Simon Enderli**

Correspondence: S. Enderli, Stv. Geschäftsführer
Swiss Entrepreneurs Foundation
Bundesgasse 35, 3001 Bern, Switzerland

“No Innovation Without Cooperation” – How Switzerland Innovation Promotes Cooperation Between Industry, Research and Startups

Raphaël Tschanz, Stéphanie Cristo, Leonildo Delgado, Vincent Hiroz, Martin Jordan, René Kalt, Isabelle Mitchell, Nina Müller, Claudia Roeoesli, Valentina Tamburello, Svantje Tauber*

**Correspondence:* R. Tschanz, Deputy Head Switzerland Innovation;
Switzerland Innovation
Monbijoustrasse 15, 3011 Bern, Switzerland
E-mail: info@switzerland-innovation.com

How Innosuisse is Supporting Entrepreneurs to Launch and Grow their Start-up Business

Lukas Krienbuehl

Correspondence: L. Krienbuehl, Co-Head of Communications, Innosuisse – the Swiss Innovative Agency; E-mail: info@innosuisse.ch
Innosuisse
Einsteinstrasse 2, 3003 Bern, Switzerland

A Glance at Switzerland's Innovation Ecosystem in Food and Nutrition

Anna Bozzi, Michael Matthes*

**Correspondence:* Dr. A. Bozzi; E-mail: anna.bozzi@scienceindustries.ch
Scienceindustries
Nordstrasse 15, 8021 Zürich, Switzerland,

Swiss Startup Framework: Super-effective Flow Generation for Emerging Biotech Businesses

Isabelle Mitchell (Venture Kick), Stefan Steiner (Ventureleaders), Michael Altorfer (Swiss Biotech Association), tbc Laura Suter Dick (biotechnet Switzerland)*

**Correspondence:* I. Mitchell; E-mail: isabelle.mitchell@venturelab.ch
Venture Kick c/o Venturelab Ltd
Startup space
Wiesenstrasse 5, 8952 Schlieren, Switzerland

The ETH Innovation & Entrepreneurship Lab: Supporting Young Entrepreneurs

Sybille Zimmermann

Correspondence: S. Zimmermann, Senior Marketing & Communication Manager at the ETH; E-mail: sybille.zimmermann@sl.ethz.ch

The 'Holy Grail' in Immuno-Oncology: AC BioScience SA Is Aiming to Potentiate Anti PD-1 Therapy Efficacy through Tumor Cell Conditioning Strategy

Andreas Schläpfer

Correspondence: A. Schläpfer; E-mail: andreas.schlaepfer@ac-bioscience.com
AC Bioscience, EPFL Innovation Park
CH-1024 Ecublens, Switzerland

AVA- Biochem, Pioneer in Industrial Bio-based Furan Chemistry

Stefan Krawielitzki

Correspondence: Dr. S. Krawielitzki; E-mail: s.krawielitzki@ava-biochem.com
AVA Biochem AG
Bahnhofstrasse 17, 6300 Zug, Switzerland

Notch Inhibition in Cancer: Challenges and Opportunities

*Doriano Fabbro, Michael Bauer, Maximilien Murone and Rajwinder Lehal**

**Correspondence:* Dr. R. Lehal; E-mail: raj.lehal@cellestia.com
Cellestia Biotech AG
Hochbergerstrasse 60C, 4057 Basel, Switzerland

Shifting from Classical to Modern Physics for Chemical Discovery with High Throughput, Fully Democratized, Quantum Chemical Prediction

Peter D. Jarowski, Laetitia Bomble, Thomas Eaton, Martin Ockajak*

**Correspondence:* Dr. P. D. Jarowski, Director ChemAlive
ChemAlive SA
10 Avenue de la Gare
Lausanne, Vaud 1003, Switzerland

A Century's Breakthrough in Upcycling Lignocellulosic Biomass: EMBION Technologies, Hard-tech Spin-off of the EPFL, Disrupts Nutrition Innovation with Sophisticated, Complex-prebiotics for Immunity

*Gina Noh, Cora De Gol, Sviatlana Siankevich**

**Correspondence:* Dr. S. Siankevich; E-mail: ssiankevich@embiontech.com
Embion Technologies SA
Chemin de la Dent d'Oche 1A, EPFL Innovation Park (Building L), CH-1024
Ecublens, Switzerland

AquaSpark™- Rapid Environmental Monitoring of *Listeria monocytogenes*

*Giverny M. Ganz, Lukas Reinau, Anne-Flore Imhaus, Lars Fieseler, Mario Hupfeld**

**Correspondence:* Dr. M. Hupfeld; E-mail: info@nemistech.com
NEMIS Technologies AG
Überlandstrasse 109
8600 Dübendorf, Switzerland

Discovery of Small Molecule Drugs Targeting the Biogenesis of microRNA-155 for the Treatment of Systemic Lupus Erythematosus

Kamal Azzaoui, Marcel Blommers, Marjo Götte, Kaspar Zimmermann, He Liu and Heinz Fretz*

**Correspondence:* Dr. K. Azzaoui; E-mail: k.azzaoui@saverna.com
Saverna Therapeutics AG
Pumpmattenweg 3, CH-4105 Biel-Benken, Switzerland

Pushing the Frontiers of Accessible Chemical Space to Unleash Design Creativity and Accelerate Drug Discovery

Thomas C. Fessard, Quentin Lefebvre and Christophe Salomé*

**Correspondence:* Dr. T. C. Fessard; E-mail: contact@spirochem.com
SpiroChem AG
Mattenstrasse 24, 4058 Basel, Switzerland

Cartridge-based Automated Synthesis – a New Tool for the Synthetic Chemist

Benedikt M. Wanner, Paula L. Nichols, Tuo Jiang*

**Correspondence:* Dr. B. M. Wanner; E-mail: wanner@synplechem.com

Synple Chem AG

Vladimir-Prelog-Weg 3, CH-8093 Zürich

TOP-N53 A Clinical Drug Candidate for the Treatment of Non-healing Wounds

Reto Naef, Hermann Tenor, Guido Koch*

**Correspondence:* Dr. R. Naef; E-mail: info@topadur.com

Topadur Pharma AG

Grabenstrasse 11A

8952 Schlieren

SWISS SCIENCE CONCENTRATES

*Yann Baumgartner, Nadja Niggli, David Savary, Pierre Thesmar, Olivier Baudoin**

**Correspondence:* Prof. O. Baudoin; E-mail: olivier.baudoin@unibas.ch
Department of Chemistry
University of Basel
St. Johannis Ring 19, CH-4056 Basel, Switzerland

HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND

Chemical and Functional Complexity in Flower Fragrance

Florian P. Schiestl

**Correspondence:* Prof. F. P. Schiestl; E-mail: florian.schiestl@systbot.uzh.ch
Institute of Systematic and Evolutionary Botany
University of Zürich
Zollikerstrasse 107, CH-8008 Zürich, Switzerland

POLYMER AND COLLOID HIGHLIGHTS

Zero-valent Metallosupramolecular Polymers as Precursors to Nanocomposites

*Stephen Schrettl^{*a}, Luis M. Olaechea^a, and Christoph Weder^{*a}*

**Correspondence:* Dr. S. Schrettl; Prof. C. Weder; E-mail:
stephen.schrettl@unifr.ch ; christoph.weder@unifr.ch

^aAdolphe Merkle Institute
University of Fribourg
Chemin des Verdiers 4, CH-1700 Fribourg, Switzerland

MEDICINAL CHEMISTRY AND CHEMICAL BIOLOGY HIGHLIGHTS

Where Do Agrochemicals Come From?

Guillaume Berthon

**Correspondence:* Dr. G. Berthon; E-mail: guillaume.berthon@syngenta.com
Syngenta Crop Protection AG
Schaffhauserstr. WST810.3, CH-4332 Stein, Switzerland

CHEMICAL EDUCATION

L-tert-Leucin als Konstitutionsisomer der Proteinogenen Aminosäuren L-Leucin und L-Isoleucin: Herstellung sowie Vorkommen in Naturstoffen und als Baustein in Pharmaka

Carsten A. Vock^{1,2}

Correspondence: Dr. C. A. Vock; E-mail: carsten.vock@univie.ac.at

¹Department für Ernährungswissenschaften, Fakultät für Lebenswissenschaften
Universität Wien

Althanstr. 14 (UZA II), A-1090 Wien

²Fakultät für Chemie, Universität Wien
Währinger Strasse 38-42, A-1090 Wien.

FH-HES UNIVERSITIES OF APPLIED SCIENCES

The Vitamin C Analogue 2-O- β -D-glucopyranosyl-L-ascorbic acid in Rhizomes, Stems and Leaves of *Lycium barbarum*

Carole Bubloz^{a,b}, Isabelle Udريسard^a, Fabrice Micaux^a, Umberto Piantini^a, Lara Amini-Rentsch^c, Roger Marti^c, Wilfried Andlauer^{a,}*

**Correspondence:* Prof. W. Andlauer; E-mail: Wilfried.andlauer@hevs.ch

^a HES-SO Valais-Wallis, Institute of Life Technologies, University of Applied Sciences and Arts Western Switzerland
Route du Rawyl 47, CH-1950 Sion, Switzerland

^b BFH-HAFL, Bern University of Applied Sciences
Länggasse 85, CH-3052 Zollikofen, Switzerland

^c HEIA-FR, School of Engineering and Architecture of Fribourg
Bd de Pérolles 80, CH-1700 Fribourg, Switzerland

Community News

SC | NAT

Swiss Chemical Society News

Honors and Awards

Journal News

Industrial News

News from Member Societies

Events

SCS Conferences and Symposia

Non-SCS Conferences in Switzerland

SCS Lectureships

Lectures

Education Courses

CHIMIA-Report / Company News

Markt

Apparate

Chemikalien

Firmenportraits

Dienstleistungen