

Personal Invitation

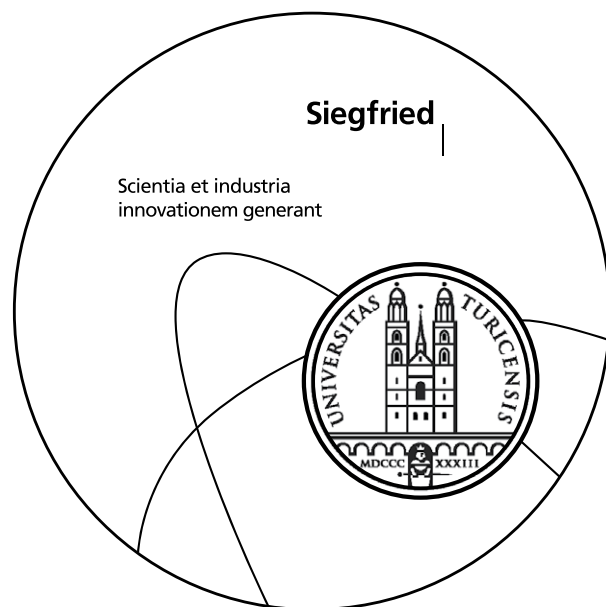
5th Siegfried Symposium Presents

the 2012 Siegfried Medalist
and the 2012 SCS Sandmeyer Prize Winners

October 5, 2012
Metropol Zurich, Switzerland



Dear Visitors,
Dear Colleagues,



Siegfried AG and the University of Zurich (UZH), the Institute of Organic Chemistry, invite you to join them for the 5th Siegfried Symposium. The symposium serves as a platform for the presentation of the internationally recognized Siegfried Medal, awarded jointly by UZH and Siegfried for outstanding research in the field of chemical process development.

Thanks to the partnership with the Swiss Chemical Society, we have a second highly esteemed award lecture on the program, the renowned and venerable Sandmeyer Prize lecture. We look forward to continued cooperation in this venture.

Rounding out the full day event in honor of chemistry «on scale», outstanding speakers from leading companies and institutions will delve into the world of process development. The speakers will offer insight into the technologies and strategies that make global pharma production a reality. In addition to the lectures, during morning assembly, as well as the complimentary breakfast and lunch, we encourage you to visit the poster session, where vignettes of specific chemical interest can be found.

Of exports and trade for Switzerland, roughly 40% revolve around the chemical and pharma industry. The health of this historically important industry depends on fundamental science, technical innovation and a highly educated human resource pool. Thus is forged an integral bond between industry and academia.

Close cooperation between academia and industry make good business sense, is a sound social policy and emphasizes advanced technical training.

Siegfried enjoys such a long-standing cooperation with the University of Zurich's Laboratory for Process Research (LPF). The Siegfried Symposium stems from this very positive cooperation and makes an important step toward strengthening interest in chemistry and process research.

We look forward to seeing you all soon in Zurich for this special event.

Jay Siegel
Chairman Institute of Organic Chemistry,
University of Zurich

Rudolf Hanko,
Chief Executive Officer, Siegfried AG

Sponsored by:





Siegfried Medalist

Prof. Dr. Gregory Stephanopoulos
Massachusetts Institute of Technology
«Metabolic engineering:
Synthetic process chemistry
of the 21st century»



SCS Sandmeyer Prize Winners

Dr. Andreas Boudier (Siegfried AG), Dr. Dietmar
Flubacher, Dr. Pierre Martin, Dr. Dirk Spielvogel
and Markus Müller (Solvias AG)
«An industrial route to Porphyrin IX –
from research to production»

Speaker



Prof. Dr. Utz-Hellmuth Felcht
One Equity Partners Europe GmbH
«Changes and challenges in the world
of chemical and petrochemical industry»

Speaker



Prof. Dr. Erick Carreira
Swiss Federal Institute of Technology Zurich
«Discovery and surprises with
human derived natural products»

Speaker



Prof. Dr. Jun-ichi Yoshida
University of Kyoto
«Flash chemistry using
flow microreactors»

Speaker



Dr. Andreas Boudier
Siegfried AG
«Crossroads, highways and dead ends – case studies
from Siegfried's chemical process development»

Expect more with Siegfried as your preferred partner



Who We Are

Expect more with Siegfried as your preferred partner

Bringing together our long-standing pharma and chemical heritage, we offer as an integrated partner benefit to our customers with more synergy, expertise and value. Active in Life Science markets, Siegfried is a preferred partner for supply of development services, production of active pharmaceutical ingredients (API), advanced intermediates, controlled substances and list products, as well as complex formulations and demanding technical solutions in sterile filling. With excellent regulatory compliance and a worldwide presence, Siegfried's clients benefit from a compelling value proposition of integrated development and manufacture for both drug substances and products.

Drug Substances: We offer customer development manufacturing services, as well as manufacturing of branded & generic APIs including opiates and other controlled substances.

Drug Products: Our clients benefit from a broad base of know-how in complex oral drug delivery systems including sterile filling with in-house development available for licensing, customer development and manufacturing, as well as a portfolio of finished dosage form products.

Services Offered

Chemical synthesis & product formulation under one roof

Improving chemical processes and formulations is our passion. For custom synthesis, we offer a variety of special technologies, e.g. CFT, hydrogenation,

high pressure reactions and handling halogens (Cl/Br/I). We work closely with customers to develop and optimize innovative chemical processes. Also, we have high containment capabilities with complex bridging technologies such as spray drying, which add more benefit and value to our customers. In addition, proprietary portfolios of drugs are available for licensing and non-exclusive sales that focus on opiate base and addiction treatment.

Siegfried also offers complex oral drug delivery systems with in-house developments for licensing. Projects range from formulation, narcotics, high potency active pharmaceutical ingredients, robust manufacturing processes and application of new technologies. Additionally, we are well experienced in developing second and third generation formulations to support product life-cycle management.

Siegfried has worldwide facilities with chemical manufacturing multi-purpose cGMP sites located in Zofingen, Switzerland and Pennsville, New Jersey (USA), and drug product manufacturing sites in Zofingen, Switzerland (Pilot), Malta and Irvine (USA) [AMP, a Siegfried Company]. Compliance is a top priority at Siegfried. We adhere to the most rigorous requirements and quality guidelines possible; thus, we continue to maintain an outstanding track record by both regulatory authorities and our customers.

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5th Siegfried Symposium Presents
the 2012 Siegfried Medalist and the 2012 SCS Sandmeyer Prize Winners

October 5, 2012

Metropol Zurich, Fraumünsterstrasse 12, 8001 Zurich

9.00–9.15 **Exhibition and Poster Session**
Morning Coffee

9.15–9.30 **Morning Opening**
Dr. Rudolf Hanko, Chief Executive Officer Siegfried AG
Prof. Dr. Jay Siegel, Chairman Institute of Organic Chemistry University of Zurich

9.30–10.15 Lecture of the Winners of the SCS Sandmeyer Prize – sponsored by KPMG

Dr. Dirk Spielvogel Solvias AG
Dr. Dietmar Flubacher Solvias AG
Dr. Andreas Boudier Siegfried AG
Markus Müller Solvias AG
Dr. Pierre Martin Solvias AG
An industrial route to Protoporphyrin IX – from research to production

10.15–11.15 **Prof. Dr. Utz-Hellmuth Felcht** One Equity Partners Europe GmbH
Changes and challenges in the world of chemical and petrochemical industry

11.15–12.15 **Prof. Dr. Erick Carreira** Swiss Federal Institute of Technology Zurich
Discovery and surprises with human derived natural products

12.15–13.15 **Lunch Break (standing only) and Poster Session**

13.15–14.15 **Prof. Dr. Jun-ichi Yoshida** University of Kyoto
Flash chemistry using flow microreactors

14.15–15.15 **Dr. Andreas Boudier** Siegfried AG
Crossroads, highways and dead ends – case studies from Siegfried's chemical process development

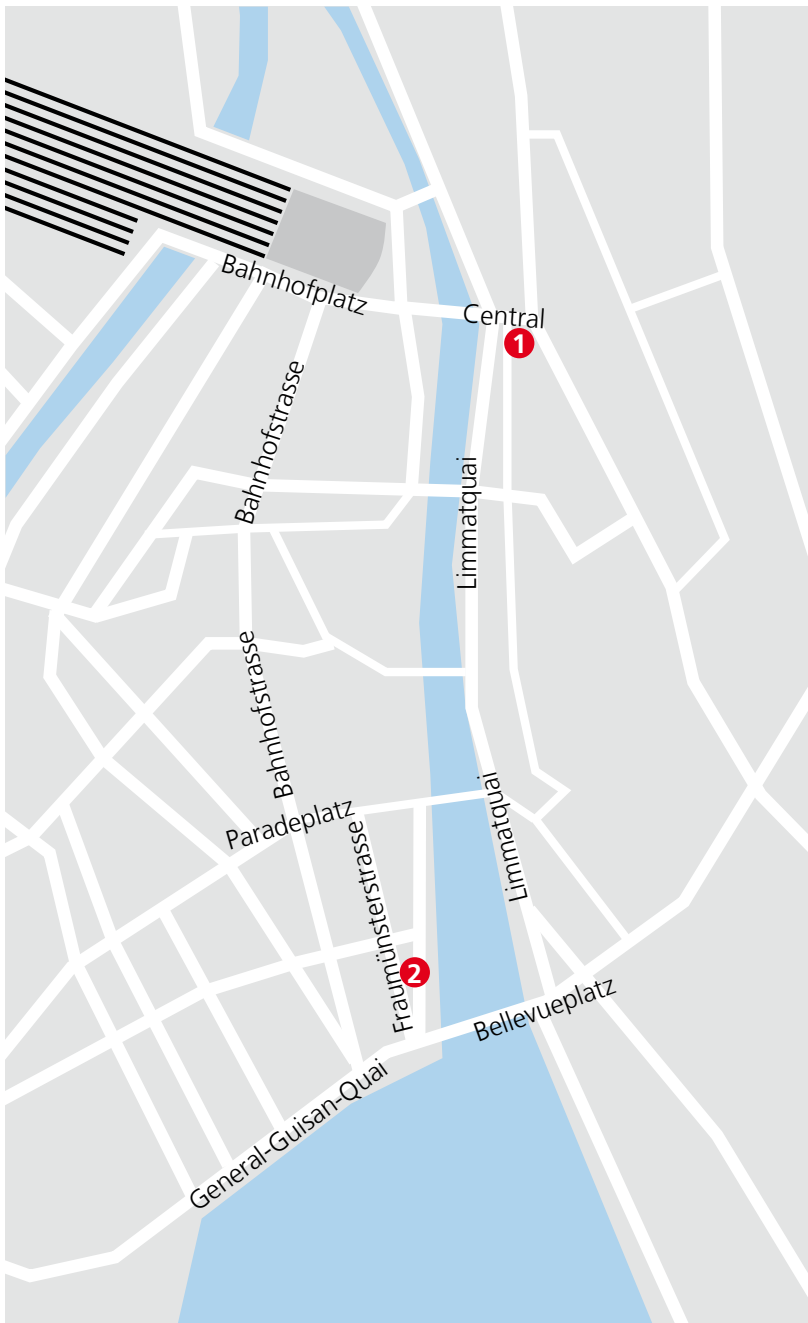
15.15–15.30 **Coffee Break**

15.30–15.45 Award of the Siegfried Medal

15.45–16.45 **Prof. Dr. Gregory Stephanopoulos** Massachusetts Institute of Technology
Lecture of the Medalist
Metabolic engineering: Synthetic process chemistry of the 21st century

16.45–17.00 **Closing Remarks**
Prof. Dr. Jay Siegel, Chairman Institute of Organic Chemistry University of Zurich

17.00–18.00 **Cocktails**



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Metropol – within quick and easy reach

Arrival from the Airport in Zurich Kloten:
Train SBB to Zurich main station

Arrival from Zurich main station:
Tram No. 2, 8, 9, 11 to Börsenstrasse
Tram No. 6, 7, 13 to Paradeplatz

Parking

Fraumünsterstrasse and Münsterhof,
Parking garage: Hohe Promenade,
Utoquai and Urania

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