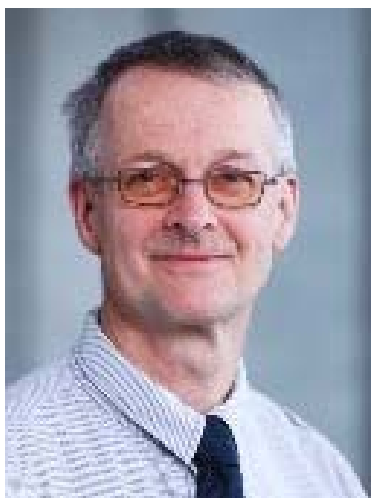


Drug Formulation & Delivery

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Additional information

Research area

Research area: Biodegradable delivery systems for drugs and antigens. The therapeutic areas of interest for these delivery systems encompass infections, cancer, peripheral nerve guidance and regeneration, and vaccination with established and newer immunogens and immune response enhancers.

Curriculum Vitae

Bruno Gander was appointed senior scientist at the Institute of Pharmaceutical Sciences at ETH Zurich (group of Galenical Pharmacy) in 1995, and was awarded the title of a Professor in 2005.

Bruno Gander was born on February 27, 1955, in CH-Immensee. He studied pharmacy at the ETH Zurich (1975-1981). Thereafter, he did an industrial training in galenical research and development at Zyma S.A. (CH-Nyon). He earned his Ph.D. at the University of Geneva (1982-1986)



Drug Formulation & Delivery

Kontakt

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under Prof. Eric Doelker, Prof. Robert Gurny, and Prof. Nicholas A. Peppas); part of the Ph.D.-work was done at the Department of Chemical Engineering at the Purdue University (West Lafayette, IN, USA). He worked 1986-1987 as a postdoc under Prof. N.B. Graham at the Department for Pure and Applied Chemistry at the University of Strathclyde (Glasgow, U.K.). Prior to his appointment as head-assistant at the Institute of Pharmaceutical Sciences at ETH Zurich in 1989, he held the position of a head-assistant in Galenical Pharmacy at the University of Geneva. He was appointed senior scientist in 1995 and completed his habilitation in 1999 in pharmaceutical technology and dosage forms.

Honours

Year	Distinction
2013	Fellow of the Swiss Society of Pharmaceutical Sciences

Course Catalogue

Autumn Semester 2017

Number	Unit
535-0001-00L	Introduction to Pharmaceutical Sciences I (http://www.vvz.ethz.ch/lerneinheitPre.do?semkez=2017W&lerneinheitId=117603&lang=en)
535-0011-00L	Drug Seminar (http://www.vvz.ethz.ch/lerneinheitPre.do?semkez=2017W&lerneinheitId=117070&lang=en)
535-0421-AAL	Galenical Pharmacy I+II (http://www.vvz.ethz.ch/lerneinheitPre.do?semkez=2017W&lerneinheitId=118258&lang=en)
535-0421-00L	Galenical Pharmacy I (http://www.vvz.ethz.ch/lerneinheitPre.do?semkez=2017W&lerneinheitId=115858&lang=en)
535-0900-00L	Seminars on Drug Discovery and Development (http://www.vvz.ethz.ch/lerneinheitPre.do?semkez=2017W&lerneinheitId=115974&lang=en)

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PLGA-microencapsulation protects *Salmonella typhi* outer membrane proteins from acidic degradation and increases their mucosal immunogenicity

Juan M. Carreño, Christian Perez-Shibayama, Cristina Gil-Cruz, Andrea Printz, Rodolfo Pastelin, Armando Isibasi, Dominic Chariatte, Yutaka Tanoue, Constantino Lopez-Macias, Bruno Gander and Burkhard Ludewig
Vaccine, 34 (35): 4263-4269, Amsterdam: Elsevier, 2016.

[DOI](#) [Research Collection](#)

Cytosolic Delivery of Liposomal Vaccines by Means of the Concomitant Photosensitization of Phagosomes

Asdis Hjalmsdottir, Celine Buehler, Vera Vonwil, Maurizio Roveri, Monika Hakerud, Ying Waeckerle-Men, Bruno Gander and Pal Johansen
Molecular Pharmaceutics, 13 (2): 320-329, Washington, DC: American Chemical Society, 2016.

[DOI Research Collection](#)

Photosensitizer and Light Pave the Way for Cytosolic Targeting and Generation of Cytosolic CD8 T Cells Using PLGA Vaccine Particles

Cristina Bruno, Ying Waeckerle-Men, Monika Håkerud, Thomas M. Kündig, Bruno Gander and Pål Johansen

The Journal of Immunology, 194 (1): 166-173, Bethesda, MD: AAI, 2015.

[DOI Research Collection](#)

Nerve conduit scaffolds for discrete delivery of two neurotrophic factors

Stefan Catrina, Bruno A. Gander and Srinivas Madduri

European journal of pharmaceuticals and biopharmaceutics, 85 (1): 139-142, Amsterdam: Elsevier, 2013.

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Impact of IGF-I release kinetics on bone healing: A preliminary study in sheep

V. Luginbuehl, E. Zoidis, L. Meinel, B. von Rechenberg, Bruno A. Gander and H.P. Merkle

European journal of pharmaceuticals and biopharmaceutics, 85 (1): 99-106, Amsterdam: Elsevier, 2013.

[DOI Research Collection](#)

Formulation and drying of miconazole and itraconazole nanosuspensions

Ana M. Cerdeira, Marco Mazzotti and Bruno A. Gander

International Journal of Pharmaceutics, 443 (1-2): 209-220, Amsterdam: Elsevier, 2013.

[DOI Research Collection](#)

Foreword - In honor of Prof. em. Dr. Hans Peter Merkle on the occasion of his 70th birthday Preface

Bruno A. Gander and Lorenz Meinel

European journal of pharmaceuticals and biopharmaceutics, 85 (1): 1-2, Amsterdam: Elsevier, 2013.

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Simultaneous quantification of polymeric and surface active stabilizers of nanosuspensions by using near-infrared spectroscopy

Ana M. Cerdeira, Irmgard A. Werner, Marco Mazzotti and Bruno A. Gander

Drug Development and Industrial Pharmacy, 38 (11): 1360-1370, New York, NY: Informa Healthcare, 2012.

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Bioengineered nerve conduits co-delivering synergistic neurotrophic factors with controlled release kinetics for axonal regeneration

S. Catrina, Bruno A. Gander and S. Madduri

Journal of tissue engineering and regenerative medicine, 6 (Supplement 1): 79-79, Chichester: Wiley, 2012.

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Growth factor delivery systems and repair strategies for damaged peripheral nerves

Srinivas Madduri and Bruno A. Gander

Journal of controlled release, 161 (2): 274-282, Amsterdam: Elsevier, 2012.

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