

Novartis Chemistry Lectureship 2013–2014

Novartis has announced six researchers as Novartis Chemistry Lecturers 2013–2014. We congratulate all the awardees, including **Robert Glen** (University of Cambridge), and feature our authors here.

Benjamin F. Cravatt (The Scripps Research Institute) studied at Stanford University, and carried out his PhD (awarded in 1996) with Dale L. Boger and Richard Lerner at The Scripps Research Institute. He subsequently joined the faculty there, and is currently professor and Chair in the Department of Chemical Physiology. Cravatt's research interests are in the analysis of enzyme function and activity-based protein profiling. He has reported in *Angewandte Chemie* on activity-based imaging probes,^[1a] and in *ChemBioChem* on photo-triggered inhibitors.^[1b] Cravatt is on the Editorial Advisory Board of *ChemBioChem*.

Kenichiro Itami (Nagoya University) was featured here when he won the Mukaiyama Award.^[2a] He has recently reported in the *Asian Journal of Organic Chemistry* on palladium-catalyzed C–H and C–N arylation reactions.^[2b]

Andreas Kirschning (University of Hannover) studied at the University of Hamburg, where he received his PhD in 1989 for work supervised by Ernst Schaumann. From 1989–1990, he was a postdoctoral researcher with Heinz G. Floss at the University of Washington, Seattle, and from 1991–1996, he carried out his habilitation at the Technische Universität Clausthal. After guest professorships at various institutions, he was appointed Professor of Organic Chemistry at the University of Hannover in 2000. Themes of Kirschning's research include enabling technologies, such as flow reactors and inductive heating in organic synthesis, and regenerative therapies, including biocompatible (bio)materials. He has reported in *Angewandte Chemie* on heating under high-frequency inductive conditions,^[3a] and in *Advanced Synthesis & Catalysis* on continuous flow synthesis.^[3b]

Gary A. Molander (University of Pennsylvania) studied at Iowa State University and carried out his PhD (awarded in 1979) with Herbert C. Brown at Purdue University. After postdoctoral work with Barry M. Trost at the University of Wisconsin–Madison, he joined the faculty at the University of Colorado, Boulder, in 1981. He moved to the University of Pennsylvania in 1999, and is currently Hirschmann–Makineni Professor of Chemistry. Molander's research is centered around the development of new synthetic methods and their application to the synthesis of organic molecules. He has reported in *Chemistry—A European Journal* on the synthesis of secondary arylme-

thylamines,^[4a] and in *Angewandte Chemie* on α -trifluoromethylated alkylboron compounds.^[4b]

Christopher D. Vanderwal (University of California, Irvine) was featured here when he won the AstraZeneca Award for Excellence in Chemistry.^[5a] He has reported in *Angewandte Chemie* on the synthesis of echinopine B,^[5b] and the chlorosulfolipid mytilipin A.^[5c]

Novartis Early Career Award in Organic Chemistry

The Novartis Early Career Award in Organic Chemistry comprises an unrestricted research grant and is awarded annually to two scientists who are working in the areas of organic or bioorganic chemistry and are within 10 years of starting their independent career. The winners of the 2013 award are Nicolai Cramer (École Polytechnique Fédérale de Lausanne; EPFL) and Daniel Rauh (Technische Universität Dortmund).

Nicolai Cramer studied chemistry at the University of Stuttgart, where he completed his PhD degree in 2005 under the guidance of Sabine Laschat. After working with Michio Murata and Sumihiro Hase at Osaka University, he joined the group of Barry M. Trost at Stanford University as a postdoctoral fellow in 2006. From 2007, he was associated with Erick M. Carreira at the ETH Zurich, where he completed his habilitation in 2010. He subsequently joined the EPFL and is currently associate professor. Cramer's research interests encompass enantioselective metal-catalyzed transformations and their implementation for the synthesis of biologically active molecules, with particular focus on the development of asymmetric C–H and C–C functionalizations enabled by designed and tailored ligands. His most recent contributions to *Angewandte Chemie* include reports on rhodium-catalyzed dynamic kinetic asymmetric transformations,^[6a] and on chiral Cp-rhodium(III)-catalyzed asymmetric hydroarylations.^[6b] Cramer is also the recipient of the inaugural Marcial Moreno Lectureship Award from the Catalonia Section of the Real Sociedad Española de Química (Spanish Royal Society of Chemistry).

Daniel Rauh studied at the University of Greifswald and worked with Gerhard Klebe at the University of Marburg for his PhD (awarded in 2002). After working as a research fellow at the Genomics Institute of the Novartis Research Foundation (GNF), San Diego, he carried out postdoctoral research with Milton Stubbs at the Martin-Luther-Universität Halle-Wittenberg (2003–2004) and with Kevan Shokat at the University of California, San Francisco (2004–2006). He was made junior group leader at the Max Planck Institute of Molecular Physiology, Dortmund, in 2006, and was made Professor of Chemical Biology

Awarded ...



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B. F. Cravatt



K. Itami



A. Kirschning



G. A. Molander



C. D. Vanderwal



N. Cramer



D. Rauh

at the Technische Universität Dortmund in 2010. Rauh's research is focused on medicinal chemistry, protein X-ray crystallography, and chemical biology research to overcome drug resistance in targeted cancer therapies. He has reported in *Angewandte Chemie* on the inhibitory activity of indolin-2-on-3-spirothiazolidinones,^[7a] and in *ChemBioChem* on irreversible kinase inhibitors.^[7b]

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In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors, referees, or board members.