GDCh Innovation Prize in Medicinal/Pharmaceutical Chemistry

The Innovation Prize in Medicinal/Pharmaceutical Chemistry is awarded by the Medicinal Chemistry Division of the Gesellschaft Deutscher Chemiker (GDCh; German Chemical Society) and the Pharmaceutical/Medicinal Chemistry Division of the Deutsche Pharmazeutische Gesellschaft (DPhG; German Pharmaceutical Society) to early-career researchers for outstanding publications and results in the field. The winners of the 2016 prize are **Dennis Schade** (Technische Universität Dortmund) and **Andreas Koeberle** (University of Jena). The GDCh has also honored **Daniel T. Hog** (Bayer Pharma, Berlin), **Nicole Nischan** (University of Texas Southwestern Medical Center, Dallas), and **Dietmar Weichert** (Trinity College, Dublin) with the Klaus Grohe Prize for Medicinal Chemistry.

Dennis Schade studied at the University of Kiel, and after qualifying as a pharmacist, worked with Bernd Clement for his PhD (awarded in 2009). From 2009–2010 he carried out postdoctoral research in Kiel, and from 2010–2011, he was a research fellow at the Sanford Burnham Medical Research Institute (with Mark Mercola) and the Human BioMolecular Research Institute (with John Cashman) in San Diego. In 2012, he returned to Kiel as an independent reseacher, and later that year he was made group leader at the Technische Universität Dortmund. Schade and his research group are interested in the identification and development of small molecules for cardiac differentiation from stem cells and heart muscle tissue regeneration. He is co-author of reports in *ChemMedChem* on peptidylglycine α-amidating monooxygenase,[1a] and on prodrugs of pentamidine.[1b]

Andreas Koeberle studied at the University of Tübingen, where he completed his PhD (supervised by Oliver Werz) in 2009. He subsequently carried out postdoctoral work with Takao Shimizu at the University of Tokyo (2009–2011) and with Oliver Werz at the University of Jena (2011–2013). He is currently junior resarch group leader at the University of Jena, where he recently completed his habilitation. Koeberle's research interests involve functional lipidomics, specifically the application of modern chromatographic and mass spectrometric lipid analytics to identify potential mediators of cancer, inflammation, and immunomodulation. He is co-author of a report in the *European Journal of Organic Chemistry* on the synthesis and properties of arzanol,[2a] and in *ChemMedChem* on prostaglandin E_2 synthase-1 inhibitors.[2b]

Feodor Lynen Lectureship for Donald Hilvert

Donald Hilvert (ETH Zurich) has been awarded the Feodor Lynen Lectureship by the German Society for Biochemistry and Molecular Biology (GBM). Hilvert studied at Brown University, and worked with Ronald Breslow at Columbia University, New York, for his PhD (awarded in 1983). From 1984–1985, he was a postdoctoral fellow with Emil T. Kaiser at Rockefeller University, New York, and in 1986, he joined the faculty at The Scripps Research Institute, La Jolla. He was made professor at the ETH Zurich in 1997. Hilvert and his group are interested in developing general strategies for engineering proteins with novel structures and activities, particularly catalysis. He has reported in *Angewandte Chemie* on enzyme catalysis,[3a] and the encapsulation of enzymes in protein cages.[3b] Hilvert is Co-Chair of the Editorial Advisory Board of *ChemBioChem*, and is also on the Editorial Board of *Molecular Informatics*.

And also in the News

Benjamin G. Davis (University of Oxford) has been announced as the winner of the Roy L. Whistler International Award in Carbohydrate Chemistry 2016, which is presented by the International Carbohydrate Organization. Davis, who was featured here when he was elected a Fellow of the Royal Society,[4a] has recently reported in *Angewandte Chemie* on the glycosylation of a therapeutic antibody.[4b] Davis is on the Editorial Advisory Board of *ChemBioChem*.

[1] a) D. Schade, J. Kotthaus, H. Hungeling, J. Kotthaus, B. Clement, *ChemMedChem* **2009**, *4*, 1595; b) J. Kotthaus, J. Kotthaus, D. Schade, U. Schwering, H. Hungeling, H. Müller-Fielitz, W. Raasch, B. Clement, *ChemMedChem* **2011**, *6*, 2233.

[2] a) A. Minassi, L. Cicione, A. Koeberle, J. Bauer, S. Laufer, O. Werz, G. Appendino, *Eur. J. Org. Chem.* **2012**, 772; b) G. Lauro et al., *ChemMedChem* **2016**, *11*, 612.

[3] a) X. Garrabou, T. Beck, D. Hilvert, *Angew. Chem. Int. Ed.* **2015**, *54*, 5609; *Angew. Chem.* **2015**, *127*, 5701; b) Y. Azuma, R. Zschoche, M. Tinzl, D. Hilvert, *Angew. Chem. Int. Ed.* **2016**, *55*, 1531; *Angew. Chem.* **2016**, *128*, 1555.

[4] a) *Angew. Chem. Int. Ed.* **2015**, *54*, 7478; *Angew. Chem.* **2015**, *127*, 7586; b) T. B. Parsons et al., *Angew. Chem. Int. Ed.* **2016**, *55*, 2361; *Angew. Chem.* **2016**, *128*, 2407.

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Awarded ...


D. Schade


A. Koeberle


D. Hilvert


B. G. Davis