New Members of the National Academy of Sciences

The US National Academy of Sciences recently elected 84 new members and 21 foreign associates, including **Robert Car** (Princeton University), **Richard A. Friesner** (Columbia University, New York), **Peidong Yang** (University of California, Berkeley),[1a] and **Stefan W. Hell** (Max Planck Institute for Biophysical Chemistry, Göttingen).[1b] We feature three of those elected here.

Hongjie Dai (Stanford University) studied at Tsinghua University, Beijing, and Columbia University, and carried out his PhD (awarded in 1994) with Charles M. Lieber at Stanford University. From 1995–1997, he was a postdoctoral fellow with Richard Smalley at Rice University, and in 1997, he joined the faculty at Stanford University, where he is currently J. G. Jackson and C. J. Wood Professor of Chemistry. Dai's research interests involve nanoscience for biological and biomedical research, including detection and imaging in the second near-infrared (NIR-II; 1000–1700 nm) window, and renewable energy (such as aluminum ion batteries and electrocatalysis). He has reported in *Angewandte Chemie* on electrocatalysts for water splitting,[2a] and on in vivo imaging in the NIR-II window.[2b]

Hidde L. Ploegh (Whitehead Institute for Biomedical Research, Massachusetts Institute of Technology; MIT) studied at the Rijksuniversiteit Groningen and was awarded his PhD (from the Rijksuniversiteit Leiden) in 1981 for work carried out with Jack L. Strominger at Harvard University. From 1980–1984, he was group leader at the University of Cologne, and from 1984–1992, he worked at The Netherlands Cancer Institute, Amsterdam. He was appointed Professor of Biology at MIT in 1992, and in 1997, he was made Edward Mallinckrodt Jr. Professor of Immunopathology at Harvard Medical School. He joined the Whitehead Institute for Medical Research at MIT in 2005. Ploegh's research interests include the use of camelid-derived single domain antibodies to perturb protein–protein interactions inside cells and for non-invasive imaging of immune cells, as well as the development and application of the bacterial transacylase sortase A, and mechanisms of immune evasion. He has reported in *Chemistry—A European Journal* on graphene oxide nanosheets modified with single-domain antibodies,[3a] and in *Angewandte Chemie* on antibody–drug conjugates.[3b]

Melanie S. Sanford (University of Michigan) was featured here when she won the Pure Chemistry Award from the American Chemical Society.[4] Sanford is on the Academic Advisory Board of *Advanced Synthesis & Catalysis* and the International Advisory Board of the *Asian Journal of Organic Chemistry*. She was also recently elected to the American Academy of Arts and Sciences.

Chirality Medal for Andreas Pfaltz

Andreas Pfaltz (University of Basel) has been announced as the winner of the 2016 Chirality Medal, which is awarded for meritorious contributions to all aspects of chirality, and will be presented at the 28th International Symposium on Chirality. Pfaltz was featured here when he was awarded the Heilbronner Hückel Lectureship.[5a] His most recent contribution to *Angewandte Chemie* is a report on the enantioselective Heck arylation of acyclic olefins.[5b] Pfaltz is on the Editorial Board of *Advanced Synthesis & Catalysis*.

And also in the News

Katharina Kohse-Höinghaus (University of Bielefeld) has been elected a member of the Akademie der Wissenschaften zu Göttingen (Göttingen Academy of Sciences and Humanities). She also received the Award for International Scientific Cooperation of the Chinese Academy of Sciences. Kohse-Höinghaus was featured here when she was named one of the 2011 IUAPC Distinguished Women in Chemistry and Chemical Engineering.[6]

[1] *Angew. Chem. Int. Ed.* **2016**, *55*, 1957; *Angew. Chem.* **2016**, *128*, 1993; b) *Angew. Chem. Int. Ed.* **2014**, *53*, 12296; *Angew. Chem.* **2014**, *126*, 12494.

[2] a) M. Gong et al., *Angew. Chem. Int. Ed.* **2015**, *54*, 11989; *Angew. Chem.* **2015**, *127*, 12157; b) S. Diao et al., *Angew. Chem. Int. Ed.* **2015**, *54*, 14758; *Angew. Chem.* **2015**, *127*, 14971.

[3] a) G.-Y. Chen et al., *Chem. Eur. J.* **2015**, *21*, 17178; b) T. Fang, J. N. Duarte, J. Ling, Z. Li, J. S. Guzman, H. L. Ploegh, *Angew. Chem. Int. Ed.* **2016**, *55*, 2416; *Angew. Chem.* **2016**, *128*, 2462.

[4] *Angew. Chem. Int. Ed.* **2011**, *50*, 801; Angew. Chem. **2011**, *123*, 827.

[5] a) *Angew. Chem. Int. Ed.* **2011**, *50*, 8469; *Angew. Chem.* **2011**, *123*, 8619; b) C. C. Oliveira, A. Pfaltz, C. R. Duarte Correia, *Angew. Chem. Int. Ed.* **2015**, *54*, 14036; *Angew. Chem.* **2015**, *127*, 14242.

[6] *Angew. Chem. Int. Ed.* **2011**, *50*, 10763; *Angew. Chem.* **2011**, *123*, 10951.

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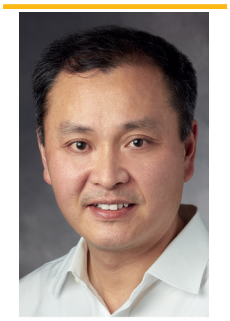
In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors, referees, or board members.

Featured ...


H. Dai


H. L. Ploegh


M. S. Sanford


A. Pfaltz


K. Kohse-Höinghaus