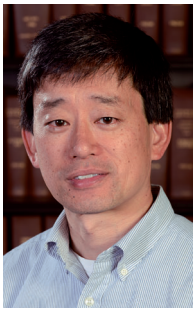
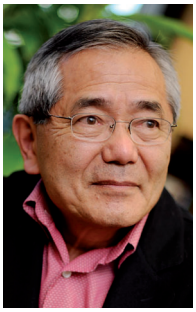
Elected ...

G. M. Clore



G. C. Fu

J. F. Stoddart



E.-i. Negishi

New Members and Foreign Associates of the National Academy of Sciences

The US National Academy of Sciences recently elected 84 new members and 21 foreign associates. We congratulate all those elected, including **Dale L. Boger**, **Benjamin F. Cravatt**[1a] (both The Scripps Research Institute, La Jolla), **Cynthia J. Burrows** (University of Utah), **James A. Dumesic**,[1b] **Samuel H. Gellman**[1c] (both University of Wisconsin-Madison), **Mark A. Johnson**, **Alanna Schepartz** (both Yale University), and **Howard A. Stone** (Princeton University), and feature some of our recent authors here.

G. Marius Clore (National Institutes of Health (NIH), Bethesda) studied at University College London and carried out his MD (awarded in 1979) at University College Hospital Medical School, London, and his PhD (awarded in 1982) under the mentorship of Sir Arnold Burgen at the MRC National Institute for Medical Research, London, where he remained on the staff until 1984. He was Head of the Biological NMR Group at the Max Planck Institute for Biochemistry, Martinsried, from 1984–1988, and he subsequently joined the NIH, where he is currently NIH Distinguished Investigator and Chief of the Protein Nuclear Magnetic Resonance Section, Laboratory of Chemical Physics, National Institute of Diabetes and Digestive Kidney Diseases. Clore's research is focused on the development and application of NMR methods for studying the structure and dynamics of macromolecules and their complexes in solution. He has recently reported in *Angewandte Chemie* on the investigation of protein dynamics by solution NMR spectroscopy.[2]

Gregory C. Fu (California Institute of Technology) studied at the Massachusetts Institute of Technology (MIT), and carried out his PhD (awarded in 1991) with David A. Evans at Harvard University. From 1991–1993, he was a postdoctoral fellow with Robert H. Grubbs at the California Institute of Technology, and in 1993, he joined the faculty at MIT. In 2012, he moved to the California Institute of Technology, where he is currently Altair Professor of Chemistry. Fu's research interests include nickel- and copper-catalyzed coupling reactions (including asymmetric processes) and enantioselective nucleophilic catalysis. He has reported in *Angewandte Chemie* on transition-metal-catalyzed alkylation reactions.[3] Fu is on the International Advisory Board of the *Asian Journal of Organic Chemistry*.

Sir J. Fraser Stoddart (Northwestern University) studied at the University of Edinburgh, where he was awarded his PhD in 1966 for work supervised by Sir Edmund Hirst. From 1967–1970, he was a National Research Council of Canada Postdoctoral Fellow with John K. N. Jones at Queen's University, Kingston, and in 1970, he was made an Imperial Chemical Industry (ICI) Fellow at the University of Sheffield, where he subsequently joined the faculty, and spent the years 1978–1981 at the ICI Corporate Laboratory. In 1990, he was made Professor of Organic Chemistry at the University of Birmingham, and in 1997, he moved to the University of California, Los Angeles, firstly as Saul Winstein Chair in Chemistry, and subsequently as Fred Kavli Chair of NanoSystems Science. He was made Board of Trustees Professor of Chemistry at Northwestern University in 2008. Stoddart and his team are interested in chemistry beyond the molecule, which, combined with templation, has led to the template-directed synthesis, based on molecular recognition and self-assembly processes, of a wide range of mechanically interlocked molecules. His latest contributions to *Angewandte Chemie* include a report on electron sharing within naphthalene diimide based oligorotaxanes.[4] Stoddart is on the International Advisory Board of *ChemPlusChem* and the Honorary Board of *Chemistry—A European Journal*.

Ei-ichi Negishi (Purdue University) studied at the University of Tokyo and completed his PhD (supervised by Allan R. Day) at the University of Pennsylvania in 1963. After working at Teijin Ltd. (1963–1966) and with Herbert C. Brown at Purdue University (1966–1972), he joined the faculty at Syracuse University in 1972. He moved to Purdue University in 1979, and is currently H. C. Brown Distinguished Professor. Negishi shared the Nobel Prize in Chemistry for 2010 with Richard F. Heck and Akira Suzuki for their work on palladium catalyzed cross-coupling reactions in organic synthesis. He has reported in *Chemistry—A European Journal* on the synthesis of the C21–C27 fragment of amphotericin B.[5] Negishi is on the Honorary Board of the *Asian Journal of Organic Chemistry*.

[1] a) *Angew. Chem.* **2014**, *126*, 1501; *Angew. Chem. Int. Ed.* **2014**, *53*, 1477; b) *Angew. Chem.* **2011**, *123*, 5119; *Angew. Chem. Int. Ed.* **2011**, *50*, 5015; c) *Angew. Chem.* **2014**, *126*, 2846; *Angew. Chem. Int. Ed.* **2014**, *53*, 2806;

[2] L. Deshmukh, R. Ghirlando, G. M. Clore, *Angew. Chem.* **2014**, *126*, 1043; *Angew. Chem. Int. Ed.* **2014**, *53*, 1025.

[3] A. C. Bissember, R. J. Lundgren, S. E. Creutz, J. C. Peters, G. C. Fu, *Angew. Chem.* **2013**, *125*, 5233; *Angew. Chem. Int. Ed.* **2013**, *52*, 5129.

[4] A.-J. Avestro, D. M. Gardner, N. A. Vermeulen, E. A. Wilson, S. T. Schneebeli, A. C. Whalley, M. E. Belowich, R. Carmieli, M. R. Wasielewski, J. F. Stoddart, *Angew. Chem.* **2014**, *126*, 4531; *Angew. Chem. Int. Ed.* **2014**, *53*, 4442.

[5] G. Wang, S. Xu, Q. Hu, F. Zeng, E.-i. Negishi, *Chem. Eur. J.* **2013**, *19*, 12938.

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