

## New Members of the Deutsche Akademie der Naturforscher Leopoldina

The Deutsche Akademie der Naturforscher Leopoldina (German National Academy of Sciences) recently elected several new members, and we highlight those who are associated with *Angewandte Chemie* as authors or referees.

**Luisa De Cola** (Université de Strasbourg) was featured here when she was named one of the 2011 IUPAC Distinguished Women in Chemistry and Chemical Engineering.<sup>[1a]</sup> Her report on inorganic nanocontainers for DNA and drug delivery was recently featured on the cover of *Chemistry—A European Journal*.<sup>[1b]</sup> De Cola is on the Editorial Boards of *ChemPhysChem* and *ChemPlusChem*.

**Michael Grätzel** (EPFL) was featured here when he won the Albert Einstein World Award of Science.<sup>[2a]</sup> He has recently reported in *ChemSusChem* on thiocyanate-free ruthenium(II) sensitizers.<sup>[2b]</sup> Grätzel is Co-Chair of the Editorial Advisory Board of *ChemPhysChem*, and is also on the International Advisory Boards of *Angewandte Chemie* and *ChemSusChem*.

**Detlef Günther** (ETH Zurich) studied at the University of Halle-Wittenberg, where he worked under the supervision of Lieselotte Moenke-Blankenburg for his PhD (awarded in 1990), and remained as a teaching and research assistant (1990–1992). After working in the department of Lutz Nover at the Leibniz Institute of Plant Biochemistry, Halle (1992–1994), he carried out postdoctoral research with Henry P. Longerich at the Memorial University of Newfoundland (1994–1995). From 1995–1998, he was a research assistant in the group of Christoph A. Heinrich at the Institute of Isotope Geology and Mineral Resources at the ETH Zurich, where he joined the faculty in 1998 and is currently Professor of Trace Element and Micro Analysis. Günther's research involves inductively coupled plasma mass spectrometry and laser ablation inductively coupled plasma mass spectrometry, including studies on laser-sample interaction, aerosol transport, and plasma-related excitation processes. He has contributed a chapter to the *Handbook of Spectroscopy*.<sup>[3]</sup>

**Matthias Rief** (Technische Universität München; TUM) studied at the TUM and received his PhD from the Ludwig-Maximilians-Universität München (LMU). After postdoctoral research at Stanford University (1998–2000), he was on the faculty of the LMU before being made Professor of Biophysics at the TUM in 2003. Rief's research involves studying the function and folding process of proteins on the single-molecule level. He has reported in *ChemPhysChem* on hidden Markov modeling,<sup>[4a]</sup> and is co-author of a report in *Angewandte Chemie* on rigid DNA beams.<sup>[4b]</sup>

## Teacher of the Year at SCIENCE Award for Stephan P. A. Sauer

Stephan P. A. Sauer (University of Copenhagen) has been selected as Teacher of the Year at SCIENCE 2014. This honor is bestowed by the Faculty of Science at the University of Copenhagen and comprises DKK 25 000 (about € 10 000). Sauer studied at the Albert-Ludwigs-Universität Freiburg and the LMU, and carried out his PhD (awarded in 1993) with Jens Oddershede at Odense University. After postdoctoral research with Julia E. Rice at the IBM Almaden Research Center, San José, he returned to Odense University in 1994. In 1997, he moved to the University of Copenhagen, where he was made full professor in September 2014. Sauer's research interests are in computational spectroscopy, including the development and application of quantum chemical methods. He has reported in *Angewandte Chemie* on hyperfine coupling in heterobimetallic nitride complexes.<sup>[5]</sup>

## Scientist of the Year Prize, University of Frankfurt for Harald Schwalbe

Harald Schwalbe (University of Frankfurt) has been awarded the Scientist of the Year Prize by the Alfons and Gertrud Kassel Foundation. Schwalbe was honored for his work on the development of NMR spectroscopy for studying the conformational dynamics of proteins and RNA. He has recently reported in *ChemBioChem* on in-cell NMR spectroscopy,<sup>[6a]</sup> and in *Angewandte Chemie* on the study of rhodopsin dynamics by NMR spectroscopy.<sup>[6b]</sup> Schwalbe studied at the University of Frankfurt, where he worked with Christian Griesinger for his PhD (awarded in 1993). After postdoctoral work with Christopher M. Dobson at the University of Oxford (1993–1995), he returned to the University of Frankfurt to carry out his habilitation. In 1999, he joined the faculty at the Massachusetts Institute of Technology, and in 2002, he was made full professor at the University of Frankfurt. Schwalbe is on the Editorial Board of *ChemBioChem*.

## Lorenz Oken Medal for Hans-Jürgen Quadbeck-Seeger

Hans-Jürgen Quadbeck-Seeger has been awarded the Lorenz Oken Medal by the Gesellschaft Deutscher Naturforscher und Ärzte (GDNA; Society of German Researchers and Physicians) and was honored for his achievements as a communicator between science and society. Quadbeck-Seeger studied at the LMU, where he carried out his doctorate under the supervision of Christoph Rüdhardt. In 1967, he joined BASF, where he held several positions, and was a member of the Board

## Featured ...



L. De Cola



M. Grätzel



D. Günther



M. Rief



S. P. A. Sauer



H. Schwalbe



H.-J. Quadbeck-Seeger



U. T. Bornscheuer



M. Walter



A. H. Hoveyda



K. C. Nicolaou

of Executive Directors from 1989–1997. He was President of the Gesellschaft Deutscher Chemiker (GDCh; German Chemical Society) from 1994–1995, and was on the Editorial Board of *Angewandte Chemie* from 1991–1999. Books of which he is either author or editor and are published by Wiley-VCH include *World of the Elements: Elements of the World*,<sup>[7a]</sup> *World Records in Chemistry*,<sup>[7b]</sup> and *Aphorismen und Zitate über Natur und Wissenschaft*.<sup>[7c]</sup> The German edition of the 125th Jubilee Issue of *Angewandte Chemie* contains some of the aphorisms from the latter book.<sup>[7d]</sup>

### Normann Medal for Uwe T. Bornscheuer

Uwe T. Bornscheuer (University of Greifswald) has been awarded the Normann Medal by the Deutsche Gesellschaft für Fettwissenschaft (DGF; German Society for Fat Science) for his research achievements in the area of biocatalysis, his contributions to the DGF, and his success in academic teaching. Bornscheuer, who is Co-Chair of the Editorial Board of *ChemCatChem* and Editor-in-Chief of the *European Journal of Lipid Science and Technology*, was featured here when he won the Chevreul Medal.<sup>[8a]</sup> He has recently contributed to a Review to *Angewandte Chemie* on the enzymatic degradation of ligno(cellulose).<sup>[8b]</sup>

### And also in the News

**Marc Walter** (Technische Universität Braunschweig) has been awarded the Wöhler-BASF-Nachwuchspreis (Wöhler-BASF Early-Career Award). Walter was featured here when he won the Heinz Meier-Leibnitz Prize,<sup>[9a]</sup> and his report on the reactivity of a terminal thorium imido metallocene was recently published in *Angewandte Chemie*.<sup>[9b]</sup>

**Amir H. Hoveyda** (Boston College) has been honored with the Eni Award for New Frontiers in Hydrocarbons—Downstream Section. Hoveyda was recently featured here when he won the ACS Award for Creative Work in Synthetic Organic Chemistry.<sup>[10]</sup>

**K. C. Nicolaou** (Rice University) has been awarded the Nemitsas Prize 2014, which was presented by the Takis and Louki Nemitsas Foundation for his “pioneering contributions to chemical synthesis”. Nicolaou, who was featured here when he was made a Foreign Associate of The Royal Society,<sup>[11a]</sup> was also recently awarded the 2014 Einstein Professorship by the Chinese Academy of Sciences. His most recent contribution to *Angewandte Chemie* is a report on the total synthesis of myceliothermophins C, D, and E.<sup>[11b]</sup> Nicolaou is on the Editorial or Advisory Boards of

*Chemistry—A European Journal*, *Chemistry—An Asian Journal*, *ChemistryOpen*, and the *Israel Journal of Chemistry*.

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- [2] a) *Angew. Chem. Int. Ed.* **2012**, *51*, 4520; *Angew. Chem.* **2012**, *124*, 4598; b) K.-L. Wu, J. N. Clifford, S.-W. Wang, Y. Aswani, E. Palomares, M. G. Lobello, E. Mosconi, F. De Angelis, W.-P. Ku, Y. Chi, M. K. Nazeeruddin, M. Grätzel, *ChemSusChem* **2014**, *7*, 2930.
- [3] B. Hattendorf, D. Günther in *Handbook of Spectroscopy*, 2nd ed (Eds.: G. Gauglitz, D. S. Moore), Wiley-VCH, Weinheim, **2014**.
- [4] a) J. Stigler, M. Rief, *ChemPhysChem* **2012**, *13*, 1079; b) E. Pfizner, C. Wachauf, F. Kilchherr, B. Pelz, W. M. Shih, M. Rief, H. Dietz, *Angew. Chem. Int. Ed.* **2013**, *52*, 7766; *Angew. Chem.* **2013**, *125*, 7920.
- [5] a) J. Bendix, C. Anthon, M. Schau-Magnussen, T. Brock-Nannestad, J. Vibenholt, M. Rehman, S. P. A. Sauer, *Angew. Chem. Int. Ed.* **2011**, *50*, 4480; *Angew. Chem.* **2011**, *123*, 4572.
- [6] a) R. Silvers, H. Schwalbe, *ChemBioChem* **2013**, *14*, 1705; b) J. Stehle, R. Silvers, K. Werner, D. Chatterjee, S. Gande, F. Scholz, A. Dutta, J. Wachtveitl, J. Klein-Seetharaman, H. Schwalbe, *Angew. Chem. Int. Ed.* **2014**, *53*, 2078; *Angew. Chem.* **2014**, *126*, 2110.
- [7] a) H.-J. Quadbeck-Seeger, *World of the Elements: Elements of the World*, Wiley-VCH, Weinheim, **2007**; b) R. Faust, G. Knaus, U. Siemeling, *World Records in Chemistry* (Ed. H.-J. Quadbeck-Seeger), Wiley-VCH, Weinheim, **1999**; c) H.-J. Quadbeck-Seeger, *Aphorismen und Zitate über Natur und Wissenschaft*, Wiley-VCH, Weinheim, **2013**; d) H.-J. Quadbeck-Seeger, *Angew. Chem.* **2013**, *125*, 486.
- [8] a) *Angew. Chem. Int. Ed.* **2012**, *51*, 6563; *Angew. Chem.* **2012**, *123*, 6667; b) U. Bornscheuer, K. Buchholz, J. Seibel, *Angew. Chem. Int. Ed.* **2014**, *53*, 10876; *Angew. Chem.* **2014**, *126*, 11054.
- [9] a) *Angew. Chem. Int. Ed.* **2014**, *53*, 4273; *Angew. Chem.* **2014**, *126*, 4359; b) W. Ren, E. Zhou, B. Fang, G. Hou, G. Zi, D.-C. Fang, M. D. Walter, *Angew. Chem. Int. Ed.* **2014**, *53*, 11310; *Angew. Chem.* **2014**, *126*, 11492.
- [10] *Angew. Chem. Int. Ed.* **2014**, *53*, 2806; *Angew. Chem.* **2014**, *126*, 2846.
- [11] a) *Angew. Chem.* **2013**, *125*, 7209; *Angew. Chem. Int. Ed.* **2013**, *52*, 7071; b) K. C. Nicolaou, L. Shi, M. Lu, M. R. Pattanayak, A. A. Shah, H. A. Ioannidou, M. Lamani, *Angew. Chem. Int. Ed.* **2014**, *53*, 10970; *Angew. Chem.* **2014**, *126*, 11150.

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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.