S. Bräse

*The author presented on this page has recently published his **10th article** since 2000 in Angewandte Chemie:* "Branched DNA that Forms a Solid at 95 °C": A. Singh, M. Tolev, M. Meng, K. Klenin, O. Plietzsch, C. I. Schilling, T. Muller, M. Nieger, S. Bräse, W. Wenzel, C. Richert, *Angew. Chem.* **2011**, *123*, 3285 – 3289; *Angew. Chem. Int. Ed.* **2011**, *50*, 3227 – 3231.

Stefan Bräse

Date of birth:	November 30, 1967
Position:	Full Professor of Organic Chemistry, Karlsruhe Institute of Technology (Germany)
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Education:	1988–1992 Studies of chemistry, University of Göttingen (Germany) 1995 PhD with Armin de Meijere, University of Göttingen 1995–1996 Postdoc with Jan Bäckvall, University of Uppsala (Sweden) 1996–1997 Postdoc with K. C. Nicolaou, Scripps, La Jolla (USA) 1997–2001 Habilitation, mentor: Dieter Enders, RWTH Aachen (Germany)
Awards:	**1995** Richard-Zsigmondy prize; **2000** OrChem award; **2001** Eli Lilly Award; **2009** ISCB Award; **2009** Honorary Fellow Indian Society of Chemists and Biologists
Current research interests:	Combinatorial chemistry, solid-phase chemistry, natural product chemistry, nanostructures, drug delivery
Hobbies:	Chemistry

When I was eighteen I wanted to be … a prosecutor.

My first experiment was … making sodium out of sodium chloride (electrolysis using my toy train set).

I am waiting for the day when someone will discover … unlimited academic funding (without any scientific restrictions).

My favorite quote is … "Most success comes from ignoring the obvious." (Trevor Holdsworth)

My biggest inspiration is … my little son.

If I were a car I would be … an Audi RS6.

My favorite time of day is … in the morning, around 7 a.m., before everybody arrives and needs something.

The most important thing I learned from my students is … that sometimes seemingly simple questions can be difficult to answer.

My favorite name reaction is … the Heck reaction, my favorite molecule is Beticolin 0.

My favorite painter is … my wife.

My favorite book is … "Gödel, Escher, Bach—An Eternal Golden Braid" by Douglas R. Hofstadter.

My motto is … "I know".

My 5 top papers:

1. "Efficient Cleavage–Cross-Coupling Strategy for Solid-Phase Synthesis–A Modular Building System for Combinatorial Chemistry": S. Bräse, M. Schroen, *Angew. Chem.* **1999**, *111*, 1139 – 1142; *Angew. Chem. Int. Ed.* **1999**, *38*, 1071 – 1073. (One of our first papers describing versatile multifunctional linkers.)
2. "The Asymmetric Dialkylzinc Addition to Imines Catalyzed by [2.2]Paracyclophane-based *N,O*-Ligands": S. Dahmen, S. Bräse, *J. Am. Chem. Soc.* **2002**, *124*, 5940 – 5941. (Our personal breakthrough in the use of asymmetric catalysis with paracyclophane ligands.)
3. "The Total Synthesis of the Fungal Metabolite Diversonol": C. F. Nising, U. K. Ohnemüller, S. Bräse, *Angew. Chem.* **2006**, *118*, 313–315; *Angew. Chem. Int. Ed.* **2006**, *45*, 307–309. (The first total synthesis of a xanthone-type mycotoxin and starting point of a series of total syntheses.)
4. "Peptoidic Amino- and Guanidinium-Carrier Systems: Targeted Drug Delivery into the Cell Cytosol or the Nucleus": T. Schröder, N. Niemeier, S. Afonin, A. S. Ulrich, H. F. Krug, S. Bräse, *J. Med. Chem.* **2008**, *51*, 376 – 379. (Our personal starting point for targeted delivery.)
5. "Branched DNA that Forms a Solid at 95 °C": A. Singh, M. Tolev, M. Meng, K. Klenin, O. Plietzsch, C. I. Schilling, T. Muller, M. Nieger, S. Bräse, W. Wenzel, C. Richert, *Angew. Chem.* **2011**, *123*, 3285 – 3289; *Angew. Chem. Int. Ed.* **2011**, *50*, 3227 – 3231. (A result of a vital and productive teamwork in the field of organic nanotechnology.)

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