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Prof. Dr. Svetlana B. Tsogoeva

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Education:

Diploma: Chemistry, St.-Petersburg State University, 1995 (*with highest honours*)
Dissertation: Organic & Bioorganic Chemistry, St.-Petersburg State University, 1998
Juniorprof.: Organic Chemistry, University of Göttingen, 2002-2006
Professor: Friedrich-Alexander Universität Erlangen-Nürnberg (since 2007)

Professional positions:

11/1998 – 06/2000: *Postdoctoral Research Fellow, DFG Graduiertenkolleg "Chemische und Biologische Synthese von Wirkstoffen", Institute of Organic Chemistry, University of Frankfurt/Main*
07/2000 – 12/2001: *Research Scientist, Fine Chemicals Division, Degussa AG and Creavis GmbH*
01/2002 – 09/2005: *First Juniorprofessor in Germany – Period 1
Institute of Organic and Biomolecular Chemistry, University of Göttingen*
10/2005 – 01/2007: *Juniorprofessor – after positive evaluation – Period 2
Institute of Organic and Biomolecular Chemistry, University of Göttingen*
02/2007 – present: *Professor of Organic Chemistry (W2)
Institute of Organic Chemistry I, University of Erlangen-Nürnberg*

Awards and recognitions:

2012: Otto-Röhm Research Award
2008: Tetrahedron: Asymmetry "Most Cited Paper 2005-2008 Award"
2007: Thieme Chemistry Journal Award 2007
2006: GDCh (*Gesellschaft Deutscher Chemiker*) Travel Award
2006: FCI (*Fonds der Chemischen Industrie*) Travel Award
2006: CERC3 (*Chairmen of the European Research Councils' Chemistry Committees*) Travel Award
2005: JSP Junior Scientist Award (*EUCHEM*)
2003: Förderpreis des FCI (*Fonds der Chemischen Industrie*)
1998-2000: DFG Postdoctoral Research Fellowship
1995-1998: Procter & Gamble Postgraduate Research Fellowship

Other activities:

Activities/Memberships: *CM0703 COST Action on "Systems Chemistry" (2007-2011)*
Erlangen Catalysis Resource Center (ECRC) (2007-present)
Graduate School Molecular Science (GSMS) (2008-present)
Emil Fischer Graduate School (EFS) (2013-present)
Interdisciplinary Center for Molecular Materials (ICMM) (2012-present)

Other Memberships: *German Chemical Society (GDCh)*
Liebig-Association for Organic Chemistry
American Chemical Society (ACS)
German Catalysis Society (GeCatS)

Reviewer of Research Grants for: *DFG (Deutsche Forschungsgemeinschaft)*
ERC (European Research Council) Consolidator Grants
ACS PRF (American Chemical Society Petroleum Research Fund)
NWO (Netherlands Organisation for Scientific Research)
ISF (Israel Science Foundation)
FWF (Austrian Science Fund)

Reviewer of Manuscripts for: *Angew. Chem.; JACS; Nature Chemistry; Nature Communications;*
Chem. Eur. J.; J. Org. Chem.; ChemCatChem; EurJOC; Synlett;
Synthesis; Chem. Commun.; Org. Biomol. Chem.; ChemPhysChem;
Can. J. Chem.; Tetrahedron: Asymmetry; Adv. Synth. Catal.; Chem.
Asian J.; Org. Lett., EurJMC, etc.

Further Memberships:

10/2011 – 10/2013 „Mitglied der Kollegialen Leitung Department Chemie und Pharmazie“, FAU

10/2013 – present „Mitglied des Fakultätsunterausschusses für die Verwendung der Studienzuschüsse in der Lehrinheit Chemie“, FAU

11/2010 – present „Mitglied des Prüfungsausschusses für Chemie, Molecular Science (Diplom, Bachelor, Master)“, FAU

05/2013 – present „Beiratsmitglied des Universitätsbundes Erlangen-Nürnberg e.V.“

05/2014 – present „Mitglied des Wissenschaftlichen Beirats der FAU University Press“

10/2014 – present „Mitglied des Promotionsausschusses der Naturwissenschaftlichen Fakultät“

Scientific interests:

- Asymmetric organocatalysis with bifunctional thiourea-amines, short peptides and BINOL-phosphates;
- Development of novel organocatalytic one-pot and domino reactions for the synthesis of bioactive compounds and chiral drugs;
- Design and synthesis of artemisinin-derived hybrids as potent anticancer, antiviral and antimalarial agents;
- Deracemization by crystallization.