STS science awardees

This prize is meant to honor outstanding research by a post doc or a junior principal investigator of the Signal Transduction Society and we explicitly encourage also early career scientists to apply for the STS Science Award. The prize was first introduced at the annual STS Meeting in 2005, ever since it became a regular element of all following STS Meetings. The STS Science Award was first sponsored by Acris Antibodies GmbH (2005-2007 and 2009), Biomol GmbH (2010-2017), and OMNI Life Science GmbH (2018). Since 2019, the STS Science Award is donated with a sum of 1500,- Euro by the Signal Transduction Society.

2005	**Dr. Wolfgang Schamel,** Max Planck-Insitut für Immunbiologie, Freiburg *donated by Acris Antibodies GmbH	The TCR Co-Exists as Multivalent and Monovalent complexes on the T Cell Surface
2006	**Dr. Judith Haendeler,** Molecular Cardiology, University of Frankfurt *donated by Acris Antibodies GmbH	Mitochondrial telomerase reverse transcriptase binds to and protects mitochondrial DNA from damage
2007	**Dr. Frank Petersen,** Dept. of Immunology and Cell Biology, Research Center Borstel *donated by Acris Antibodies GmbH	CXCL4 (Platelet factor 4) differentially regulates respiratory burst, survival, and differentiation of human monocytes by using distinct signaling pathways
2008	**PD Dr. Cornelia Dietrich,** Inst. of Toxicology, Johannes Gutenberg-University, Mainz **PD Dr. Norbert Reiling,** Div. of Microbial Interface Biology, Research Center Borstel *donated by Biomol GmbH	TCDD deregulates contact inhibition in rat liver oval cells via Ah receptor, JunD and cyclin A Inverse relationship of TLR/NF- -catenin pathway during inflammation: Deciphering the role of Frizzled1 in M. tuberculosis infection
2009	**Dr. Marcus Lettau,** Inst. of Immunology, Medical Center Schleswig-Holstein, Kiel *donated by Acris Antibodies GmbH	Differential binding of Fas ligand-interacting proteins to the full length protein or N-terminal fragments generated by shedding
2010	**Dr. Maren Paulsen**, Inst. of Immunology, Medical Center Schleswig-Holstein, Kiel *donated by Biomol GmbH	Dose-dependent effects of CD95 coligation on primary human T cell activation
2011	**Prof. Dr. Ingo Schmitz,** Helmholtz Zentrum für Infektionsforschung, Braunschweig *donated by Biomol GmbH	Deficiency in IkBNS, an atypical NFkB inhibitor, impairs regulatory T cells development

CONTACT

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2012	**Dr. Sarah Jill de Jong,** Universitätsklinikum Erlangen **Prof. Dr. Geert Bultynck,** University of Leuven, Belgium *donated by Biomol GmbH	A unique TRAF3-binding motif confers specificity to Tio-induced non-canonical NF-kB activity Disturbing IP3R/Bcl-2 complexes in B-cell lymphomas to trigger pro-apoptotic Ca2 + signaling: relevance of IP3R2 upregulation and chronic IP3 signaling
2013	**Dr. Simone Lipinski,** Medical Center Schleswig-Holstein, Campus Kiel *donated by Biomol GmbH	RNAi screening identifies FRMPD2: a scaffolding protein controlling NOD2-mediated immune responses
2014	**Dr. Andreas Linkermann,** Medical Center Schleswig-Holstein, Campus Kiel *donated by Biomol GmbH	Synchronized tubular cell death is predominantly mediated by ferroptosis
2016	**Prof. Dr. Melanie Brinkmann,** Helmholtz Zentrum für Infektionsforschung, Braunschweig *donated by Biomol GmbH	The murine cytomegalovirus protein M35 is a novel negative regulator of the type I interferon response
2017	**Dr. Julia Jellusova,** BIOSS Centre For Biological Signalling Studies, Freiburg, Germany **Dr. Manoj Balakrishna Menon,** Hannover Medical School, Cell Biochemistry OE4310, Hannover, Germany *donated by Biomol GmbH	The bidirectional relationship between B cell signaling and metabolism Phosphorylation of RIPK1 by MK2 suppresses RIPK1-dependent cytotoxicity in infection and inflammatio
2018	**Prof. Dr. Dirk Brenner,** Luxembourg Institute of Health *donated by OLS	cROSsover: Regulation of metabolic responses in B and T cells
2019	**Dr. Claudia Stäubert,** Rudolf Schönheimer Institute of Biochemistry, Universität Leipzig	Fermented food-derived metabolites of lactic acid bacteria modulate immune function via highly potent activation of human hydroxycarboxylic acid receptor 3
2021	**Dr. Sjoerd van Wijk,** Institute for Experimental Cancer Research in Pediatrics, Goethe-Universität Frankfurt a.M **Dr. Sushmita Chakraborty,** Department of Transplant Immunology & Immunogenetics, All India Institute of Medical Sciences, Neu Dehli, Indien	ATF4 links drug-induced ER stress with reticulophagy and autophagy- dependent cell death in glioblastoma cells OX40 negatively influences regulatory T cells in Pulmonary Sarcoidosis
2022	**Dr. Yaw Asare,** Institut für Schlaganfall- und Demenzforschung, LMU München	IKK binds NLRP3 providing a shortcut to inflammasome activation for rapid immune responses