

Each year on the occasion of the STS Joint Meeting "Signal Transduction - Receptors, Mediators and Genes", the Society for Biochemistry and Molecular Biology/Gesellschaft für Biochemie und Molekularbiologie e.V. (GBM) announces the GBM-Innovation-Award for Young Scientists, donated with EUR 500,-. With this scientific award, the GBM would like to acknowledge young scientists especially working on a new and interesting method in the field of biochemistry, molecular and cell biology as well as signal transduction. The prize will be granted to a young scientist (diploma, master, MD or PhD student or post doc within their first years) who is developing or has developed a novel and innovative method, which might be attractive for all of us.

<p>2007</p>	<p>Hendrik Schmidt UK-SH Campus Kiel Institut für Immunologie Molekulare Immunologie Michaelisstr. 5 24105 Kiel</p>	<p>Proteome analysis of enriched secretory lysosomes of human NK-cells by two-dimensional difference gel electrophoresis (2D-DIGE)</p>
<p>2008</p>	<p>Sina Bartfeld MPI für Infektionsbiologie Abteilung für Molekularbiologie Charitéplatz 1 Campus Charite Mitte 10117 Berlin</p> <p>Cedric Streiff and Sven Kröning Medizinische Klinik 4 Loschgestraße 8-8 1/2 91054 Erlangen</p>	<p>RNA-interference based screen identifies new factors important for NF-kappaB activation and termination</p> <p>Analysis of Matrix-Dependent Cell Migration by a Barrier Migration Assay</p>
<p>2009</p>	<p>Sabrina Gundermann DKFZ Heidelberg Genetics of Skin Carcinogenesis Im Neuenheimer Feld 280 69120 Heidelberg</p> <p>Dr. Axel Weber Justus-Liebig-University Giessen Rudolf-Buchheim-Institut für Pharmakologie und Toxikologie Frankfurter Str. 107 35392 Giessen</p>	<p>Skin aging: a question of keratinocytes or fibroblasts?</p> <p>Visualizing changes in IL-1 signaling network reactions at the level of mRNA</p>

<p>2011</p>	<p>Katja Handschick Justus-Liebig-Universität Gießen Rudolf-Buchheim-Institut für Pharmakologie und Toxikologie Frankfurter Str. 107 35392 Gießen</p> <p>Benjamin John Schönbeck Christian-Albrechts-Universität Kiel Institut für Immunologie Arnold-Heller-Str. 3 24105 Kiel</p>	<p>A role of Cyclin-dependent Kinase 6 (CDK6) in inflammatory gene expression</p> <p>Proteomic analysis of the sheddomains of the ADAM proteases 10 and 17 in mice and men</p>
<p>2012</p>	<p>Dr. Stephan Philipp UK-SH Campus Kiel Immunologie Arnold-Heller-Straße 3 Haus 17 24105 Kiel, Germany phone: +49 431 5973338 philipp@immunologie.uni-kiel.de</p>	<p>A proteome analysis of cell membranes from human erythrocytes infected with different stages of Plasmodium falciparum, the agent causing the most severe form of malaria</p>
<p>2013</p>	<p>Dr. Christine Steinhäuser Forschungszentrum Borstel Mikrobielle Grenzflächenbiologie Parkallee 22 23845 Borstel, Germany csteinhaeuser@fz-borstel.de</p>	<p>Deciphering the molecular composition of the habitat of Mycobacterium tuberculosis (Mtb) in primary macrophages: A novel immuno-magnetic method to isolate and characterize pathogen-containing phagosomes</p>
<p>2015</p>	<p>Dr. Shashank Saran und Dr. Alexandra Koch Medizinische Hochschule Hannover Physiologische Chemie Carl-Neuberg-Str. 1 30625 Hannover, Germany shashanksaran1989@gmail.com koch.alexandra@mh-hannover.de</p>	<p>Knockdown of THOC5 reduces adhesion of cancer cells to precision-cut liver slices (PCLS) in an ex vivo assay</p>
<p>2016</p>	<p>Wignand Wolfhard Dirk Mühlhäuser Albert-Ludwigs-Universität Freiburg BIOSS Center for Biological Signalling Studies Schänzlestr. 18 79104 Freiburg, Germany</p>	<p>An optogenetic toolbox for subcellular protein recruitment</p>

<p>2016</p>	<p>Stefan Loroch Leibniz-Institut für Analytische Wissenschaften – ISAS – e.V. Otto- Hahn-Str. 6b 44227 Dortmund, Germany</p>	<p>Specific but antibody-free absolute quantification of signaling events in cancer patient tissues using ERLIC and targeted LC-MS</p>
<p>2018</p>	<p>Theresia Gutmann Technische Universität Dresden Carl Gustav Carus Medizinische Fakultät Paul Langerhans Institut Tatzberg 47/49 01307 Dresden, Germany</p>	<p>The mechanism underlying insulin receptor activation - a lipid nanodisc reconstitution approach</p>
<p>2022</p>	<p>Vera Sonja Garloff Universitätsklinikum Jena Klinik für Anästhesiologie und Intensivmedizin Experimentelle Anästhesiologie Am Klinikum 1 07747 Jena vera.garloff@uni-jena.de</p>	<p>Optimizing TurboID-dependent biotinylation screens - investigation of protein stability and functionality</p>