

## GBM Innovation Award for Young Scientists

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| 1.<br>GBM<br>Award | 2007 | <p><b>Hendrik Schmidt</b><br/>UK-SH Campus Kiel<br/>Institut für Immunologie<br/>Molekulare Immunologie<br/>Michaelisstr. 5<br/>24105 Kiel</p>  | <p>Proteome analysis of enriched secretory lysosomes of human NK-cells by two-dimensional difference gel electrophoresis (2D-DIGE)</p>   |
| 2.<br>GBM<br>Award | 2008 | <p><b>Sina Bartfeld</b><br/>Max Planck Institut für Infektionsbiologie Molekularbiologie Charitéplatz 1 Campus Charite Mitte 10117 Berlin</p> <p><b>Cedric Streiff and Sven Kröning</b><br/>Medizinische Klinik 4<br/>Loschgestraße 8-8 1/2<br/>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> |
| 3.<br>GBM<br>Award | 2009 | <p><b>Sabrina Gundermann</b><br/>German Cancer Research Center (DKFZ) Heidelberg<br/>Genetics of Skin Carcinogenesis<br/>Im Neuenheimer Feld 280<br/>69120 Heidelberg</p> <p><b>Dr. Axel Weber</b><br/>Justus-Liebig-University Giessen<br/>Rudolf-Buchheim-Institut für Pharmakologie<br/>Frankfurter Str. 107<br/>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>   |
| 4.<br>GBM<br>Award | 2011 | <p><b>Katja Handschick</b><br/>Justus-Liebig-Universität Gießen<br/>Rudolf-Buchheim-Institut für Pharmakologie und Toxikologie<br/>Frankfurter Str. 107<br/>35392 Gießen</p> <p><b>Benjamin John Schönbeck</b><br/>Christian-Albrechts-Universität Kiel<br/>Institut für Immunologie<br/>Arnold-Heller-Str. 3</p>                     | <p>A role of Cyclin-dependent Kinase 6 (CDK6) in inflammatory gene expression</p> <p>Proteomic analysis of the sheddomes of the ADAM proteases 10 and 17 in mice and men</p>                   |

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|                    |      | 24105 Kiel   |   |
| 5.<br>GBM<br>Award | 2012 | <b>Dr. Stephan Philipp</b><br>UK-SH Campus Kiel<br>Immunologie<br>Arnold-Heller-Straße 3<br>Haus 17<br>24105 Kiel, Germany<br>phone: +49 431 5973338<br>philipp@immunologie.uni-kiel.de  | “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                                   |
| 6.<br>GBM<br>Award | 2013 | <b>Dr. Christine Steinhäuser</b><br>Forschungszentrum Borstel<br>Mikrobielle Grenzflächenbiologie<br>Parkallee 22<br>23845 Borstel, Germany<br>csteinhaeuser@fz-borstel.de   | 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 phagsosomes |
| 7.<br>GBM<br>Award | 2015 | <b>Dr. Shashank Saran und Dr. Alexandra Koch</b><br>Medizinische Hochschule Hannover<br>Physiologische Chemie<br>Warnemünder Weg 5c<br>30625 Hannover, Germany<br>shashanksaran1989@gmail.com<br>koch.alexandra@mh-hannover.de   | Knockdown of THOC5 reduces adhesion of cancer cells to precision-cut liver slices (PCLS) in an ex vivo assay  |
| 8.<br>GBM<br>Award | 2016 | <b>Wignand Wolfhard Dirk Mühlhäuser</b><br>Albert-Ludwigs-Universität Freiburg<br>BIOSS Center for Biological Signalling<br>Studies<br>Schänzlestr. 18<br>79104 Freiburg, Germany<br><br><b>Stefan Loroach</b><br>Leibniz-Institut für Analytische<br>Wissenschaften – ISAS – e.V.<br>Otto-Hahn-Str. 6b<br>44227 Dortmund, Germany | An optogenetic toolbox for subcellular protein recruitment<br><br>Specific but antibody-free absolute quantification of signaling events in cancer patient tissues using ERLIC and targeted LC-MS           |
| 9.<br>GBM<br>Award | 2018 | <b>Theresia Gutmann</b><br>Technische Universität Dresden<br>Carl Gustav Carus Medizinische<br>Fakultät<br>Paul Langerhans Institut<br>Tatzberg 47/49  | The mechanism underlying insulin receptor activation - a lipid nanodisc reconstitution approach   |

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|                     |      | 01307 Dresden, Germany   |  |
| 10.<br>GBM<br>Award | 2022 | <b>Vera Sonja Garloff</b><br>Universitätsklinikum Jena<br>Klinik für Anästhesiologie und<br>Intensivmedizin Experimentelle<br>Anästhesiologie<br>Am Klinikum 1<br>07747 Jena<br>vera.garloff@uni-jena.de | Optimizing TurbolD-<br>dependent biotinylation<br>screens - investigation of<br>protein stability and<br>functionality |
| 11. GBM<br>Award    | 2024 | <b>Annika Reisbitzer</b><br>Universität Siegen<br>Department Chemie und Biologie<br>Abteilung Human- und Neurobiologie<br>Adolf-Reichwein-Str. 2<br>57076 Siegen   | Novel application of<br>Promega NanoBiT®<br>Protein:Protein<br>Interaction System                                      |
| 12. GBM<br>Award    | 2025 | <b>Steffen Tammo Harms</b><br>Universität Osnabrück<br>Abteilung Biophysik<br>Fachbereich 5: Biologie/Chemie<br>Barbarastraße 11<br>49076 Osnabrück  | Reconstitution of active<br>signalling complexes in<br>live-cell nanopatterning  |