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# CMMC ANNUAL RETREAT

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**CMMC Poster Session**

**Feb. 02, 2021 from 3.00 - 6.45 p.m.**

No.	Title of the poster - 1 <sup>st</sup> author in alphabetical order - Research Group - Institution
P 01	<p><b>Defining modulators of RNA-binding protein aggregation for intervention of the neurodegenerative disease amyotrophic lateral sclerosis</b></p> <p><b>Alirzayeva, Hafiza*</b>   Loureiro, Rute*   Vilchez, David  CECAD Research Center, University of Cologne  *These authors contributed equally to this work  E-Mail presenting author: <a href="mailto:halirzayeva@yahoo.com">halirzayeva@yahoo.com</a></p>
P 02	<p><b>A ceramide / sphingosine-1-phosphate rheostat controls apoptosis and apical cell extrusion in zebrafish hai1a mutant epithelium</b></p> <p><b>Armistead, Joy</b>   Hammerschmidt, Matthias  Institute for Zoology, University of Cologne  E-Mail presenting author: <a href="mailto:jarmiste@uni-koeln.de">jarmiste@uni-koeln.de</a></p>
P 03	<p><b>Differential effects of human TAU isoforms: somatic retention of 2N-TAU and increased microtubule number induced by 4R-TAU</b></p> <p><b>Bachmann, Sarah</b>   Bell, Michael   Klimek, Jennifer   Zempel, Hans  Institute of Human Genetics and Center for Molecular Medicine Cologne, University of Cologne  E-Mail presenting author: <a href="mailto:sarah.bachmann@uk-koeln.de">sarah.bachmann@uk-koeln.de</a></p>
P 04	<p><b>Axonal TAU sorting requires the C-terminus of TAU but is independent of ANKG and TRIM46 enrichment at the AIS</b></p> <p><b>Bell, Michael</b><sup>1,2</sup>   Bachmann, Sarah<sup>1,2</sup>   Klimek, Jennifer<sup>1,2</sup>   Langerscheidt, Felix<sup>1,2,3</sup>   Zempel, Hans<sup>1,2</sup>  <sup>1</sup>Institute of Human Genetics, University of Cologne  <sup>2</sup>Center for Molecular Medicine Cologne, University of Cologne  <sup>3</sup>FB03 Chemistry and Biotechnology, Campus Jülich, Fachhochschule Aachen  E-Mail presenting author: <a href="mailto:michael.bell@uk-koeln.de">michael.bell@uk-koeln.de</a></p>
P 05	<p><b>Human papillomavirus proteins regulate SatIII expression</b></p> <p><b>Bergmann, Marian</b><sup>1,2</sup>   Kanne, Julian<sup>1,2</sup>   Grimm, Christina<sup>1,2</sup>   Königs, Anja<sup>1,2</sup>   Hufbauer, Martin<sup>3</sup>   Würdemann, Nora<sup>4</sup>   Akgül, Baki<sup>3</sup>   Hübbers, Christian<sup>4,5</sup>   Poepfel, Simon<sup>6</sup>   Klußmann, Jens<sup>4</sup>   Schweiger, Michal R<sup>1,2</sup>  <sup>1</sup>Institute for Translational Epigenetics, University of Cologne  <sup>2</sup>Center for Molecular Medicine Cologne, University of Cologne  <sup>3</sup>Institute of Virology, University of Cologne  <sup>4</sup>Dept. of Otorhinolaryngology, Head and Neck Surgery, University of Cologne  <sup>5</sup>Jean-Uhrmacher-Institute for Oto-Rhino-Laryngological Research  <sup>6</sup>JRG XI Structure and Biochemistry of Epigenetic Regulators, Center for Molecular Medicine Cologne  E-Mail presenting author: <a href="mailto:marian.bergmann@uk-koeln.de">marian.bergmann@uk-koeln.de</a></p>
P 06	<p><b>Ribosome-associated quality control can facilitate antigen presentation of folding-efficient proteins</b></p> <p><b>B. Trentini Schmidt, Débora</b><sup>1</sup>   Pecoraro, Matteo<sup>2</sup>   Tiwary, Shivani<sup>2</sup>   Cox, Jürgen<sup>2</sup>   Mann, Matthias<sup>2</sup>   Hipp, Mark<sup>3</sup>   Hartl, F. Ulrich<sup>2</sup>  <sup>1</sup>Center for Molecular Medicine Cologne and CECAD Research Center, University of Cologne  <sup>2</sup>Max Planck Institute of Biochemistry, Martinsried, Germany  <sup>3</sup>Dept. of Biomedical Sciences of Cells and Systems, Univ. Medical Center Groningen, Univ. of Groningen, The Netherlands  E-Mail presenting author: <a href="mailto:d.trentini@uni-koeln.de">d.trentini@uni-koeln.de</a></p>
P 07	<p><b>Antibiotic treatment affects cellular interactions in bacterial biofilms</b></p> <p><b>Cronenberg, Tom</b>   Hennes, Marc   <b>Wielert, Isabelle</b>   Kraus, Sebastian   Berenike Maier  Institute for Biological Physics, Univ. of Cologne  E-Mail presenting authors: <a href="mailto:tom.cronenberg@uni-koeln.de">tom.cronenberg@uni-koeln.de</a>   <a href="mailto:iwielert@smail.uni-koeln.de">iwielert@smail.uni-koeln.de</a></p>

No.	Title of the poster - 1 <sup>st</sup> author in alphabetical order - Research Group - Institution
P 08	<p><b>Regulation of feeding in health and pathology by glucagon-like peptide-1 receptor-expressing cells in the lateral hypothalamus and the lateral septum</b></p> <p><b>Cychy, Marius</b>   Petzold, Anne   de los Santos, Francisco   Korotkova, Tatiana  Institute for Vegetative Physiology, Univ. of Cologne  Mail presenting authors: <a href="mailto:marius.cychy@uk-koeln.de">marius.cychy@uk-koeln.de</a></p>
P 09	<p><b>Personalized treatment approaches for dystroglycanopathies by functional genomics and translational biochemistry</b></p> <p><b>Daimagüler, Hülya-Sevcan</b><sup>1,2</sup>   Wang, Haicui<sup>1,2</sup>   Aksyodan, Busecan<sup>3</sup>   Sprute, Rosanne<sup>1,2</sup>   Bamborschke<sup>1,2</sup>   Ardicli, Didem<sup>4</sup>   Kreutzer, Mona<sup>1,2</sup>   Per, Hüseyin<sup>5</sup>   Topaloglu, Haluk<sup>4</sup>   Yis, Uluc<sup>6</sup>   Thiele, Holger<sup>7</sup>   Altmüller, Janine<sup>7</sup>   Nürnberg, Peter<sup>7</sup>   Karaca, Ezgi<sup>8</sup>   Durdagi, Serdar<sup>3</sup>   Cirak, Sebahattin<sup>1,2</sup></p> <p><sup>1</sup>Clinic and Polyclinic for Pediatric and Adolescent Medicine, Univ. of Cologne  <sup>2</sup>Center for Molecular Medicine Cologne, Univ. of Cologne  <sup>3</sup>Computational Biology and Molecular Simulations Laboratory, Dept. of Biophysics, School of Medicine, Bahcesehir University, Istanbul, Turkey  <sup>4</sup>Dept. of Pediatric Neurology, Hacettepe University Children's Hospital, Ankara, Turkey  <sup>5</sup>Dept. of Pediatrics, Division of Pediatric Neurology, Erciyes University, Kayseri, Turkey  <sup>6</sup>Division of Child Neurology, Dokuz Eylül University Faculty of Medicine, İzmir, Turkey  <sup>7</sup>Cologne Center for Genomics (CCG), University Hospital of Cologne  <sup>8</sup>Izmir International Biomedicine and Genome Institute, Dokuz Eylül University, Izmir, Turkey  E-Mail presenting author: <a href="mailto:huelya-sevcan.daimagueller@uk-koeln.de">huelya-sevcan.daimagueller@uk-koeln.de</a></p>
P 10	<p><b>The influence of LSD1 on reprogramming alternative splicing in cancer</b></p> <p><b>Dalvi, Priya</b>   Anokhina, Maria   Odenthal, Margarete   Büttner, Reinhard  Institute of Pathology, University of Cologne  E-Mail presenting author: <a href="mailto:priya.dalvi@uk-koeln.de">priya.dalvi@uk-koeln.de</a></p>
P 11	<p><b>The role of Acod1 during nephrotoxic nephritis</b></p> <p><b>Diefenhardt, Paul</b>   Trinsch, Bastian   Schömig, Thomas   Brand, Marie   Brähler, Sebastian  Clinic II for Internal Medicine, University of Cologne  E-Mail presenting author: <a href="mailto:paul.diefenhardt@uk-koeln.de">paul.diefenhardt@uk-koeln.de</a></p>
P 12	<p><b>Metabolic control of epidermal stem cell fate</b></p> <p><b>Ding, Xiaolei</b><sup>1</sup>   Kim, Christine S<sup>2</sup>   Allmeroth, Kira<sup>2,5</sup>   Denzel, Martin<sup>2,5</sup>   Wickstrom, Sara A<sup>2,3,5</sup>   Eming, Sabine A<sup>1,4,5</sup></p> <p><sup>1</sup>Clinic and Polyclinic for Dermatology and Venerology, University of Cologne  <sup>2</sup>MPI for Biology of Ageing, University of Cologne  <sup>3</sup>Helsinki Institute of Life Science  <sup>4</sup>Center for Molecular Medicine Cologne, University of Cologne  <sup>5</sup>Cluster of Excellence Cellular Stress Responses in Ageing-associated Diseases, University of Cologne  E-Mail presenting author: <a href="mailto:xiaolei.ding@uk-koeln.de">xiaolei.ding@uk-koeln.de</a></p>
P 13	<p><b>Skin cancer prevention training in elementary schools: increasing the awareness towards UV-radiation</b></p> <p><b>Grosskopf-Kroiher, Debora</b>   <b>Luther, Isabell</b>  Center for Molecular Medicine Cologne, University of Cologne  E-Mail presenting author: <a href="mailto:debora.grosskopf-kroiher@uni-koeln.de">debora.grosskopf-kroiher@uni-koeln.de</a></p>

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P 14	<p><b>The HSP90 inhibitor TAS-116 enhances radiation-induced activation of the cGAS/STING Pathway</b></p> <p><b>Heßelmann, Isabelle</b><sup>1</sup>   Reinscheid, Matthias<sup>1</sup>   Kiljan, Martha<sup>1</sup>   Niu, Li-na<sup>1</sup>   Cai, Jiali<sup>1</sup>   Wagner, Elena<sup>2</sup>   Ibruli, Olta<sup>2</sup>   Sahbaz, Yagmur<sup>2</sup>   Mayer, Marimel<sup>1</sup>   Kamp, Florian<sup>1</sup>   Baues, Christian<sup>1</sup>   Marnitz, Simone<sup>1</sup>   Herter-Spie, Grit S<sup>2</sup>   Herter, Jan M<sup>1</sup></p> <p><sup>1</sup>Department of Radiation Oncology and Cyberknife Center, University of Cologne  <sup>2</sup>Clinic I of Internal Medicine, University Hospital Cologne, University of Cologne</p> <p>E-Mail presenting author: <a href="mailto:isabelle.hesselmann@uk-koeln.de">isabelle.hesselmann@uk-koeln.de</a></p>
P 15	<p><b>Generation of a transgenic CD19-CAR mouse for B cell malignancies</b></p> <p>Chmielewski, Markus   Chrobok, Danuta   Hofmann, Petra   <b>Hübbe, Hanna</b>   <b>Neureuther, Daniel F</b>   Prinz, Lars F   Tobias Gregor M T</p> <p>Clinic I of Internal Medicine and Center for Molecular Medicine Cologne, University of Cologne</p> <p>E-Mail presenting author: <a href="mailto:hanna.huebbe@hotmail.com">hanna.huebbe@hotmail.com</a>   <a href="mailto:neureuther.d@gmx.de">neureuther.d@gmx.de</a></p>
P 16	<p><b>Cyberknife as a novel platform for targeted mouse tumor radiation studies</b></p> <p><b>Ibruli, Olta</b><sup>1,3,4</sup>   Kiljan, Martha<sup>1,2,4</sup>   Weil, Sabrina<sup>1,3,4</sup>   Vásquez-Torres, Andres<sup>2,5</sup>   Hettich, Meike<sup>2,4</sup>   Mayer, Marimel<sup>2,4</sup>   Reinscheid, Matthias<sup>1,2,4</sup>   Heßelmann, Isabelle<sup>1,2,4</sup>   Cai, Jiali<sup>1,2,4</sup>   Niu, Li-na<sup>1,2,4</sup>   Sahbaz, Yagmur<sup>1,3,4</sup>   Baues, Christian<sup>2,4</sup>   Baus, Wolfgang<sup>2,4</sup>   Marnitz, Simone<sup>2,4</sup>   Herter-Spie, Grit<sup>1,3,4</sup>   Herter, Jan<sup>1,2,4</sup></p> <p><sup>1</sup>Center for Molecular Medicine Cologne, University of Cologne  <sup>2</sup>Department of Radiation Oncology and Cyberknife Center, University of Cologne  <sup>3</sup>Clinic I of Internal Medicine, University Hospital Cologne, University of Cologne  <sup>4</sup>Center of Integrated Oncology (CIO), Universities of Aachen, Bonn, Cologne and Duesseldorf</p> <p>E-Mail presenting author: <a href="mailto:olta.ibruli@uk-koeln.de">olta.ibruli@uk-koeln.de</a></p>
P 17	<p><b>Role of prepronociceptin (PNOC)-expressing neurons in the development of obesity</b></p> <p><b>Jais, Alexander</b>   Paeger, Lars   Sotelo-Hitschfeld, Tamara   Bremser, Stephan   Prinzensteiner, Melanie   Klemm, Paul   Mykytiuk, Vasyi   Widdershooven, Pia J M   Vesting, Anna J   Grzelka, Katarzyna   Minère, Marielle   Cremer, Anna L   Xu, Jie   Korotkova, Tatiana   Lowell, Bradford B   Zeilhofer, Hanns Ulrich   Backes, Heiko   Fenselau, Henning   Wunderlich, F Thomas   Kloppenburg, Peter   Brüning, Jens C</p> <p>Max Planck Institute for Metabolism Research, University of Cologne</p> <p>E-Mail presenting author: <a href="mailto:alexander.jais@sf.mpg.de">alexander.jais@sf.mpg.de</a></p>
P 18	<p><b>Role of MFN2 in CMT2A neurodegeneration and in NAFLD liver disease</b></p> <p>Escobar-Henriques, Mafalda<sup>1</sup>   Odenthal, Margarete<sup>2</sup>   <b>Joaquim, Mariana</b><sup>1</sup></p> <p><sup>1</sup>Institute for Genetics, University of Cologne  <sup>2</sup>Institute for Pathology, University of Cologne</p> <p>Mail presenting author: <a href="mailto:mlopesjo@uni-koeln.de">mlopesjo@uni-koeln.de</a></p>
P 19	<p><b>Impact of chemoradiotherapy on tumor-infiltrating immune cells in patients with cervical cancer</b></p> <p>Herter, Jan M<sup>1,2*</sup>   <b>Kiljan, Martha</b><sup>1,2*</sup>   Kunze, S<sup>1</sup>   Reinscheid, Matthias<sup>1,2</sup>   Ibruli, Olta<sup>2,3</sup>   Cai, Jiali<sup>1,2</sup>   Hesselmann, Isabelle<sup>1,2</sup>   Niu, Li-na<sup>1,2</sup>   Sahbaz, Yagmur<sup>2,3</sup>   Wagner, Elena<sup>2,3</sup>   Herter-Spie, Grit S<sup>2,3</sup>   Marnitz, Simone<sup>1</sup></p> <p><sup>1</sup>Department of Radiation Oncology and Cyberknife Center, University of Cologne  <sup>2</sup>Center for Molecular Medicine Cologne, University of Cologne  <sup>3</sup>Clinic I of Internal Medicine, University Hospital Cologne, University of Cologne</p> <p>*equal contribution</p> <p>Mail presenting author: <a href="mailto:martha.kiljan@uk-koeln.de">martha.kiljan@uk-koeln.de</a></p>

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P 20	<p><b>Unique transcriptome profile of reactivated TH1 cells</b></p> <p><b>Kiljan, Martha</b><sup>1,2</sup>   Velázquez Camacho, Oscar<sup>4</sup>   Ercanoglu, Meryem S<sup>5</sup>   Hesselmann, Isabelle<sup>1,2</sup>   Ibruli, Olta<sup>2,3</sup>   Sahbaz, Yagmur<sup>2,3</sup>   Wagner, Elena<sup>2,3</sup>   Cai, Jiali<sup>1,2</sup>   Niu, Li-na<sup>1,2</sup>   Lackmann, Jan-Wilm<sup>6</sup>   Hillmer, Axel<sup>4</sup>   Sorokin, Lydia<sup>7</sup>   Engelbertsen, Daniel<sup>8</sup>   Klein, Florian<sup>5</sup>   Baues, Christian<sup>1</sup>   Marnitz, Simone<sup>1</sup>   Herter-Sprie, Grit S<sup>2,3*</sup>   Herter, Jan M<sup>1,2*</sup></p> <p><sup>1</sup>Department of Radiation Oncology and Cyberknife Center, University of Cologne  <sup>2</sup>Center for Molecular Medicine Cologne, University of Cologne, Cologne  <sup>3</sup>Clinic I of Internal Medicine, University Hospital Cologne  <sup>4</sup>Department of Genomic Pathology, University Hospital Cologne  <sup>5</sup>Laboratory of Experimental Immunology, Institute of Virology, University Hospital Cologne  <sup>6</sup>Proteomics Core Facility Cologne, CECAD, University Hospital Cologne  <sup>7</sup>Institute of Physiological Chemistry and Pathobiochemistry, University of Muenster  <sup>8</sup>Department of Clinical Sciences, Skåne University Hospital, Lund University, Malmö, Sweden</p> <p>*shared corresponding author  Mail presenting author: <a href="mailto:martha.kiljan@uk-koeln.de">martha.kiljan@uk-koeln.de</a></p>
P 21	<p><b>Microglia modulation as target for diabetic retinopathy</b></p> <p>Langmann, Thomas   <b>Kinuthia, Urbanus M</b></p> <p>Clinic of General Ophthalmology, University of Cologne  Mail presenting author: <a href="mailto:urbanus.kinuthia@uk-koeln.de">urbanus.kinuthia@uk-koeln.de</a></p>
P 22	<p><b>Pathogenic variants in the myosin chaperone UNC-45B cause progressive myopathy with eccentric cores</b></p> <p><b>Kutzner, Carl Elias</b><sup>1*</sup>   Donkervoort, Sandra<sup>2*</sup>   Hu, Ying<sup>2</sup>   Lornage, Xavière<sup>3</sup>   Bönemann, Carsten G<sup>2**</sup>   Hoppe, Thorsten<sup>1**</sup></p> <p><sup>1</sup>Institute for Genetics, CECAD and Center for Molecular Medicine Cologne, University of Cologne  <sup>2</sup>Neuromuscular and Neurogenetic Disorders of Childhood Section, National Institute of Neurological Disorders and Stroke, National Institutes of Health  <sup>3</sup>Institut de Génétique et de Biologie Moléculaire et Cellulaire</p> <p>*These authors contributed equally.  **These authors contributed equally.</p> <p>E-Mail of the presenting author: <a href="mailto:ckutzner@uni-koeln.de">ckutzner@uni-koeln.de</a></p>
P 23	<p><b>B cells expressing CD86 are increased in cancer, cluster in tertiary lymphoid structures and induce specific T cell responses</b></p> <p>Wennhold, Kerstin<sup>1</sup>   Thelen, Martin<sup>1</sup>   <b>Lehmann, Jonas</b><sup>1</sup>   Schran, Simon<sup>1</sup>   Preugszat, Ella<sup>1</sup>   Garcia-Marquez, Maria<sup>1</sup>   Lechner, Axel<sup>2,3</sup>   Shimabukuro-Vornhagen, Alexander<sup>4</sup>   Ercanoglu, Meryem S<sup>5</sup>   Klein, Florian<sup>5</sup>   Thangarajah, Fabinsky<sup>6</sup>   Eidt, Sebastian<sup>7</sup>   Löser, Heike<sup>8</sup>   Bruns, Christiane<sup>9</sup>   Quaas, Alexander<sup>8</sup>   von Bergwelt-Baildon, Michael<sup>1,3,10,11</sup>   Schlößer, Hans A<sup>1,9</sup></p> <p><sup>1</sup>Center for Molecular Medicine Cologne, University of Cologne  <sup>2</sup>Department of Otorhinolaryngology, Head and Neck Surgery, Grosshadern Medical Center, Ludwig Maximilians University, Munich,  <sup>3</sup>Gene Center, Ludwig Maximilians University, Munich  <sup>4</sup>Department I for Internal Medicine, University of Cologne, Cologne  <sup>5</sup>Institute of Virology, Laboratory of Experimental Immunology, University of Cologne  <sup>6</sup>Department of Gynecology, University of Cologne  <sup>7</sup>Institute of Pathology, St. Elisabeth Hospital, Cologne  <sup>8</sup>Institute of Pathology, University of Cologne  <sup>9</sup>Department of General, Visceral and Cancer Surgery, University of Cologne  <sup>10</sup>Department of Medicine III, University Hospital, LMU Munich, Munich  <sup>11</sup>German Cancer Consortium (DKTK), Heidelberg</p> <p>E-Mail presenting author: <a href="mailto:jonas.lehmann@uk-koeln.de">jonas.lehmann@uk-koeln.de</a></p>

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P 24	<p><b>ARegPKD and ARPKD-omics: Translational research on autosomal recessive polycystic kidney disease (ARPKD)</b></p> <p>Dafinger, Claudia<sup>1</sup>   Burgmaier, Kathrin<sup>1</sup>   Beck, Bodo<sup>2</sup>   Bohl, Katrin<sup>3</sup>   Erger, Florian<sup>2</sup>   Göbel, Heike<sup>4</sup>   Benzing, Thomas<sup>3</sup>   Müller, Roman-Ulrich<sup>3</sup>   Weber, Lutz T.<sup>1</sup>   ARegPKD consortium   Schaefer, Franz<sup>5</sup>   Dötsch, Jörg<sup>1</sup>   Schermer, Bernhard<sup>2</sup>   <b>Liebau, Max C<sup>1</sup></b></p> <p><sup>1</sup>Department of Pediatrics, University Hospital Cologne  <sup>2</sup>Institute of Human Genetics, University of Cologne  <sup>3</sup>Department II of Internal Medicine, University of Cologne  <sup>4</sup>Institute of Pathology, University of Cologne  <sup>5</sup>Center for Pediatrics and Adolescent Medicine, University Hospital Heidelberg</p> <p>E-Mail presenting author: <a href="mailto:max.liebau@uk-koeln.de">max.liebau@uk-koeln.de</a></p>
P 25	<p><b>Cytokine profiling in different diseases</b></p> <p><b>Mahabir-Brenner, Esther</b>   Majjouti, Mohamed</p> <p>Comparative Medicine - CMMC Animal Facility, University of Cologne</p> <p>E-Mail of the presenting author: <a href="mailto:esther.mahabir-brenner@uni-koeln.de">esther.mahabir-brenner@uni-koeln.de</a></p>
P 26	<p><b>Molecular and therapeutical investigation of SMA modifiers</b></p> <p><b>Muñoz Bühl, Anixa</b>   Janzen, Eva   Rombo, Roman   Wirth, Brunhilde</p> <p>Institute of Human Genetics, University of Cologne</p> <p>E-Mail presenting author: <a href="mailto:anixa.muinos-buehl@uk-koeln.de">anixa.muinos-buehl@uk-koeln.de</a></p>
P 27	<p><b>Mechanisms of age-associated decline in splicing fidelity</b></p> <p><b>Papadakis, Antonios<sup>1,2</sup></b>   Debes, Cedric<sup>3</sup>   Padvitski, Tsimafei<sup>1</sup>   Nagel, Luise<sup>1</sup>   Beyer, Andreas<sup>1,2</sup></p> <p><sup>1</sup>CECAD Research Center, University of Cologne  <sup>2</sup>Center for Molecular Medicine Cologne, University of Cologne  <sup>3</sup>Evotec, Goettingen</p> <p>E-Mail presenting author: <a href="mailto:apapada1@uni-koeln.de">apapada1@uni-koeln.de</a></p>
P 28	<p><b>Separating wheat from chaff - Novel safety CAR for B cell malignancies spares healthy B cells</b></p> <p><b>Prinz, Lars F</b>   Hübbe, Hanna   Neureuther, Daniel Felix   Uhl, Gregor M T   Chmielewski, Markus</p> <p>Center for Molecular Medicine Cologne and Clinic I for Internal Medicine, Univ. of Cologne</p> <p>E-Mail presenting author: <a href="mailto:lars.prinz1@uk-koeln.de">lars.prinz1@uk-koeln.de</a></p>
P 29	<p>cGMP signaling in podocytes</p> <p><b>Rutkowski, Nelli<sup>1,2</sup></b>   Schermer, Bernhard<sup>1,2</sup>   Benzing, Thomas<sup>1</sup>   Hackl, Matthias<sup>1</sup></p> <p><sup>1</sup>Department II of Internal Medicine and Center for Molecular Medicine Cologne, University of Cologne  <sup>2</sup>CECAD Research Center, University of Cologne</p> <p>E-Mail presenting author: <a href="mailto:nelly.rutkowski@uk-koeln.de">nelly.rutkowski@uk-koeln.de</a></p>
P 30	<p><b>Elucidating the immune microenvironment of post-transplant malignancies</b></p> <p>Datta, Rabi Raj<sup>2*</sup>   <b>Schran, Simon<sup>1*</sup></b>   Persa, Oana<sup>3</sup>   Thelen, Martin<sup>1</sup>   Lehmann, Jonas<sup>1</sup>   Garcia-Marquez, Maria<sup>1</sup>   Aguilar, Claire<sup>2</sup>   Preugszat, Ella<sup>1</sup>   Quaas, Alexander<sup>4</sup>   Wennhold, Kerstin<sup>1</sup>   Bruns, Christiane<sup>2</sup>   Mauch, Cornelia<sup>3</sup>   Löser, Heike<sup>4</sup>   Stippel, Dirk<sup>2</sup>   Schlößer, Hans Anton<sup>1,2</sup></p> <p><sup>1</sup>Center for Molecular Medicine Cologne, University of Cologne  <sup>2</sup>Department of General, Visceral, Tumor and Transplantation Surgery, University of Cologne  <sup>3</sup>Department of Dermatology, University of Cologne  <sup>4</sup>Department of Pathology, University of Cologne</p> <p>*These authors contributed equally.</p> <p>E-Mail presenting author: <a href="mailto:sschran@smail.uni-koeln.de">sschran@smail.uni-koeln.de</a></p>

No.	Title of the poster - 1 <sup>st</sup> author in alphabetical order - Research Group - Institution
P 31	<p><b>Structural studies of epigenetic regulator <i>Histone H3 Lysine 4 Methyltransferase 2D (KMT2D)</i> complex using Cryo-EM and XL-MS</b></p> <p><b><u>Sommereisen, Christian</u></b>   Pöpsel, Simon  Center for Molecular Medicine Cologne, University of Cologne  E-Mail presenting author: <a href="mailto:csommere@uni-koeln.de">csommere@uni-koeln.de</a></p>
P 32	<p><b>Manipulation of CLPP protease to complement mitochondrial respiratory deficiency</b></p> <p><b><u>Szczepanowska, Karolina</u></b>   Trifunovic, Aleksandra  CECAD Research Center, Univ. of Cologne  E-Mail presenting author: <a href="mailto:karolina.szczepanowska@uk-koeln.de">karolina.szczepanowska@uk-koeln.de</a></p>
P 33	<p><b>Radiation induced changes of endothelial adhesion receptor expression</b></p> <p><b><u>Wagner, Elena</u></b><sup>1</sup>   Niu, Li-na<sup>2</sup>   Kiljan, Martha<sup>2</sup>   Ibruli, Olta<sup>1</sup>   Heßelmann, Isabelle<sup>2</sup>   Sahbaz, Yagmur<sup>1</sup>   Cai, Jiali<sup>2</sup>   Hettich, Meike<sup>2</sup>   Mayer, Marimel<sup>2</sup>   Kamp, Florian<sup>2</sup>   Baues, Christian<sup>2</sup>   Marnitz, Simone<sup>2</sup>   Herter, Jan M<sup>2</sup>   Herter-Sprrie, Grit<sup>1</sup></p> <p><sup>1</sup>Clinic I of Internal Medicine, University Hospital Cologne  <sup>2</sup>Department of Radiation Oncology, University Hospital Cologne  E-Mail presenting author: <a href="mailto:elena.wagner@uk-koeln.de">elena.wagner@uk-koeln.de</a></p>
P 34	<p><b>Characterization of the skin myeloid cell landscape upon L. major infection</b></p> <p><b><u>Inselmann, Katharina</u></b>   Lukas, Dominika   Lorenz, Beate   Reibetanz, Marion   Könen-Waisman, Stephanie   Yogev, Nir   von Stebut-Borschitz, Esther  Clinic and Polyclinic of Dermatology and Venerology, University of Cologne  E-Mail presenting author: <a href="mailto:katharina.inselmann@yahoo.com">katharina.inselmann@yahoo.com</a></p>
P 35	<p><b>Designer-bacteria for treatment of pancreatic adenocarcinoma</b></p> <p><b><u>Uhl, Gregor</u></b>   Chrobok, Danuta   Hoffman, Petra   Hübbe, Hanna   Neureuther, Daniel   Prinz, Fabian   Riët, Nicole   Riët, Tobias   Chmielewski, Markus  Center for Molecular Medicine Cologne (CMMC), University of Cologne and Clinic I of Internal Medicine, University Hospital Cologne  E-Mail presenting author: <a href="mailto:gregor.uhl@uk-koeln.de">gregor.uhl@uk-koeln.de</a></p>

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