

<b>PROGRAM</b>	
<b>26th Euroconference on Apoptosis: Cell death in disease: from small molecules to translational medicine</b>	
<b>Saint-Petersburg, Russia, 10-12 October, 2018</b>	
<b>Time</b>	<b>Tuesday, 9 October 2018</b>
<b>15:00-18:00</b>	Participant arrival and registration
<b>Time</b>	<b>Wednesday, 10 October 2018</b>
<b>09:00-18:00</b>	Participant arrival and registration
<b>Hall</b>	<b>Tolstoy</b>
<b>10:00 – 10:15</b>	<b>Opening ceremony</b> <b>BORIS ZHIVOTOVSKY, Karolinska Institutet (Stockholm, Sweden)</b> <b>Lomonosov Moscow State University (Moscow, Russia)</b> <b>INNA LAVRIK, Otto Guericke University (Magdeburg, Germany)</b> <b>NICKOLAI BARLEV, Institute of Cytology RAS (Saint-Petersburg, Russia)</b>
<b>10:15 – 12:30</b>	<b>Session I: Autophagy and engulfment and their role in disease</b>
<b>Chairman:</b>	<b>BORIS ZHIVOTOVSKY, Karolinska Institutet (Stockholm, Sweden)</b> <b>Lomonosov Moscow State University (Moscow, Russia)</b>
<b>10:15 – 10:45</b>	21 Years of Autophagy: towards understanding the intracellular degradation system. Fighting against diseases and aging <b>TAMOTSU YOSHIMORI, Osaka University (Osaka, Japan)</b>
<b>10:45 – 11:15</b>	Transglutaminase type 2-dependent regulation of proteostasis and its implications in metabolic reprogramming <b>MAURO PIACENTINI, University of Rome “Tor Vergata” (Rome, Italy)</b>
<b>11:15 – 11:30</b>	Nuclear p53 represses mitophagy via PINK1 transcriptional down-regulation <b>CHRISTINE ALVES DA COSTA, CNRS (Valbonne, France)</b>
<b>11:30 – 12:00</b>	Short and long-term epigenetic control of autophagy <b>BERTRAND JOSEPH, Karolinska Institutet (Stockholm, Sweden)</b>
<b>12:00 – 12:30</b>	Phosphatidylserine-dependent efferocytosis and entosis <b>SHIGEKATSU NAGATA, Osaka University (Osaka, Japan)</b>
<b>12:30 – 14:00</b>	Lunch/ ECDO Board Meeting
<b>14:00 – 16:15</b>	<b>Session II: Live and let die: death receptors on the roads of cell death and inflammation</b>
<b>Chairman:</b>	<b>INNA LAVRIK, Otto Guericke University (Magdeburg, Germany)</b>
<b>14:00 – 15:00</b>	Round table (Cell death, inflammation, and translational research: aiming at TNF) <b>HENNING WALCZAK, University College London (London, UK)</b> <b>CARMEN GARRIDO, INSERM (Dijon, France)</b>
<b>15:00 – 15:30</b>	New insights into TNF-mediated immunoregulation <b>SERGEI NEDOSPASOV, Engelhardt Institute of Molecular Biology (Moscow, Russia)</b>
<b>15:30 – 15:45</b>	Rational design of molecular probes targeting caspase-8/c-FLIPL heterodimer in the Death-Inducing Signaling Complex <b>NIKITA IVANISENKO, Institute of Cytology and Genetics (Novosibirsk, Russia)</b>
<b>15:45 – 16:15</b>	Molecular architecture of FADD:Caspase-8 signalling complexes and control of Life/Death decisions <b>MARION MACFARLANE, MRC Toxicology Unit (Leicester, UK)</b>
<b>16:15 – 16:45</b>	Coffee break
<b>16:45 – 17:00</b>	Physiological role of linear ubiquitination: more to it than meets the eye <b>NIEVES PELTZER, University College London (London, UK)</b>
<b>17:00 – 17:30</b>	TNF and LUBAC at the crossroads of cell death and inflammation <b>HENNING WALCZAK, University College London (London, UK)</b>
<b>17:30 – 18:30</b>	<b>CDD Jürg Tschopp Prize Lecture</b> Otolin regulation of cell death and Inflammation <b>VISHVA DIXIT, Genentech (South San Francisco, USA)</b>
<b>Chairman:</b>	<b>GERRY MELINO, University of Rome Tor Vergata (Rome, Italy)</b>
<b>18:30 – 18:45</b>	Science meets culture talk: Medicine in Art <b>ALEXEY PAEVSKY/ANNA KHORUZHAYA</b>
<b>19:00 – 21:00</b>	Welcome Reception
<b>Time</b>	<b>Thursday, 11 October 2018</b>
<b>08:30 – 18:00</b>	Participant registration
<b>Hall</b>	<b>Tolstoy</b>

09:30 – 11:00	<b>Session III: A view to a kill: cell death mechanisms</b>
Chairman:	<b>PETER VANDENABEELE, Ghent University (Ghent, Belgium)</b>
09:30 – 10:00	Towards targeting MCL-1 for cancer therapy <b>ANDREAS STRASSER, Walter and Eliza Hall Institute of Medical Research (Melbourne, Australia)</b>
10:00 – 10:15	The role of caspase-2 in the regulation of three modes of program cell death: apoptosis, necroptosis and mitotic catastrophe upon genotoxic stress in ovarian carcinoma cells <b>GELINA KOPEINA, Moscow State University (Moscow, Russia)</b>
10:15 – 10:30	Pyroptosis features a caspase-1-induced apoptotic program that coincides with induction of GSDMD-driven cell lysis <b>NINA VON OPDENBOSCH, Janssen Pharmaceutica (Beerse, Belgium)</b>
10:30 – 11:00	Ferroptosis mechanisms in health and disease <b>MARCUS CONRAD, Helmholtz Zentrum (München, Germany)</b>
11:00 – 11:30	Coffee Break
11:30 – 12:00	Flash Talks
12:00 – 13:30	<b>Session IV: Never say never again: cell death and cancer therapy</b>
Chairman:	<b>HANS-UWE SIMON, University of Bern (Bern, Switzerland)</b>
12:00 – 12:30	Harnessing immunogenic cell death in cancer therapy: molecular mechanisms and therapeutic applications <b>PATRIZIA AGOSTINIS, University of Leuven (Leuven, Belgium)</b>
12:30 – 12:45	PERK and IRE1 $\alpha$ axis of the unfolded protein response contribute to immunogenic cancer cell death (ICD) <b>NICOLE RUFO, University of Leuven, Leuven (Belgium)</b>
12:45 – 13:00	Targeting Mcl-1 is a promising strategy to kill mantle cell lymphoma cells <b>MICHAEL DENGLER, Walter and Eliza Hall Institute of Medical Research (Melbourne, Australia)</b>
13:00 – 13:30	Preclinical evaluation of modulation of cell death signaling and survival pathways <b>KLAUS-MICHAEL DEBATIN, Ulm University (Ulm, Germany)</b>
13:30 – 15:30	Lunch/Poster Session
15:30 – 17:00	<b>Session V: Licenses to kill: crossroads of cell death and cell survival</b>
Chairman:	<b>HENNING WALCZAK, University College London (London, UK)</b>
15:30 – 15:45	Single-molecule imaging of the plasma membrane TNFR1 equilibrium reveals novel roles for ligand-independent TNFR1 clustering in cell fate control <b>SJOERD J. L. VAN WIJK, Goethe University (Frankfurt, Germany)</b>
15:45 – 16:00	Genetic ablation of RIP3 protects from dopaminergic neuronal death in the MPTP-mouse model of Parkinson's disease <b>JOANA AMARAL, University of Lisbon (Lisbon, Portugal)</b>
16:00 – 16:30	New insights into MLKL activation in necroptosis <b>ANA GARCIA-SAEZ, University of Tübingen (Tübingen, Germany)</b>
16:30 – 17:00	Coffee Break
17:00 – 17:45	<b>Session VI: For your eyes only: cell death mechanisms</b>
Chairman:	<b>MAURO PIACENTINI, University of Rome "Tor Vergata" (Rome, Italy)</b>
17:00 – 17:15	Lysosomal-dependent cell death (LDCD) and PARP-1-induced cell death (parthanatos): Distinct steps that inter(in)sect in a single pathway <b>ELI ARAMA, Weizmann Institute of Science (Rehovot, Israel)</b>
17:15 – 17:30	Functional characterization of two novel serine protease inhibitors able to block CD44-triggered necroptosis in GM-CSF-primed neutrophils <b>XIAOLIANG WANG, University of Bern (Bern, Switzerland)</b>
17:30 – 17:45	<b>Sponsor presentation:</b> Dissecting extrinsic cell death pathway via imaging flow cytometry in combination with biochemical approaches <b>LAURA HILLERT, Otto von Guericke University (Magdeburg, Germany)</b>
17:45 – 18:45	<b>Keynote Lecture:</b> Flotillin-1/2 and ESCRT-associated Proteins Antagonize Necroptosis by Independently Targeting RIP3-phosphorylated MLKL for Lysosomal Degradation or Extracellular Vesicle Secretion <b>XIAODONG WANG, National Institute of Biological Sciences (Beijing, China)</b>
18:45 – 19:10	ECDO General Assembly
<b>Time</b>	<b>Friday, 12 October 2018</b>
08:30 – 18:00	Participant registration
<b>Hall</b>	<b>Tolstoy</b>
09:30 – 11:00	<b>Session VII: Spectre: Cell death and metabolism</b>
Chairman:	<b>MARIE-LISE GOUGEON, Institute Pasteur (Paris, France)</b>
09:30 – 10:00	Oncometabolism: from new concepts of tumorigenesis to therapeutic opportunities <b>EYAL GOTTLIEB, Technion-Israel Institute of Technology (Haifa, Israel)</b>
10:00 – 10:15	A non-canonical activation of caspase-8 induces pyroptosis <b>ALEXANDER POLTORAK, Tufts University (Boston, USA)</b>
10:15 – 10:30	Exploiting Metabolic Reprogramming to OXPHOS in Oncogene Addicted Recalcitrant Cancers <b>SHAZIB PERVAIS, National University of Singapore (Singapore)</b>

10:30 – 11:00	Targeting the Aneuploid Cancer Cell Death: Can it be achieved? <b>TAK W. MAK, Princess Margaret Cancer Centre (Toronto, Canada)</b>
11:00 – 11:30	Coffee Break
11:30 – 12:00	Flash Talks
12:00 – 13:00	<b>Session VIII: You Only Live Twice : cell death and targeting cancer pathways</b>
Chairman:	<b>PETER KRAMMER, German Cancer Research Center (Heidelberg, Germany)</b>
12:00 – 12:30	HSP110 as therapeutic target in colorectal cancer: from crystals to drug selection <b>CARMEN GARRIDO, INSERM (Dijon, France)</b>
12:30 – 12:45	Implication of immune system in Vaccinia virus- induced cell death <b>OLGA KOVAL, ICBFM (Novosibirsk, Russia)</b>
12:45 – 13:00	Novel ARTS mimetic small molecules bind directly to XIAP and promote killing of cancer cells through degradation of XIAP and Bcl-2 <b>SARIT LARISH, University of Haifa (Haifa, Israel)</b>
13:00 – 15:00	Lunch/Poster session II
15:00 – 17:00	<b>Session IX: Tomorrow never dies: DNA repair and cell death</b>
Chairman:	<b>NICKOLAI BARLEV, Institute of Cytology RAS (Saint-Petersburg, Russia)</b>
15:00 – 15:15	The p53 family in the cancer cell response to hypoxia <b>IVANO AMELIO, University of Cambridge (Cambridge, UK)</b>
15:15 – 15:30	The C-terminus of p63 isoforms regulates distinct functions in different organs <b>ELEONORA CANDI, University of Rome "Tor Vergata" (Rome, Italy)</b>
15:30 – 16:00	Oncogene-induced DNA replication stress as a therapeutic opportunity <b>THANOS HALAZONETIS, Geneva University (Geneva, Switzerland)</b>
16:00 – 16:15	Orphan Receptor NR4A3 is a novel target of p53 <b>OLGA FEDOROVA, Institute of Cytology (Saint-Petersburg, Russia)</b>
16:15 – 16:30	DNA repair processes are critical mediators of p53-dependent tumor suppression <b>ANA JANIC, Walter and Eliza Hall Institute of Medical Research (Melbourne, Australia)</b>
16:30 – 17:00	Systemic DNA damage in vivo results in accumulation of dormant senescence-prone cells associated with the risk of accelerated aging <b>ANDREI V. GUDKOV, Roswell Park Cancer Institute (Buffalo, USA)</b>
17:00 – 18:00	<b>ECDO Honorary Lecture</b> Interrogating mitochondria to guide human cancer therapy <b>ANTHONY LETAI, Dana-Farber Cancer Institute, Harvard Medical School (Boston, USA)</b>
Chairman	<b>PATRIZIA AGOSTINIS, University of Leuven (Leuven, Belgium)</b>
18:00 – 18:30	Wrap-up/ Poster/Flash Prizes/Introduction of the Next Site/Closing Remarks
19:30 – 23:30	Gala Dinner

POSTER SESSION				
October 11, 13:30 – 15:30				
#/#	INDEX	TITLE	PRESENTING AUTHOR	AUTHORS
1	P-1	Respective place of venetoclax and MCL1 BH3 mimetics in multiple myeloma treatment and mechanism of action of the BH3 mimetics	Amiot Martine	Amiot M, Maiga S, Tessoulin B, Seiller C, Bourcier J, Bonnet A, Descamps G, Touzeau C, Moreau P, Pellat-Deceunynck C, Gomez-Bougie P.
2	P-2	Drug delivery with functionalized magnetic metal-organic framework nanoparticles	Babenyshv Andrew	Andrey V. Babenyshv, Konstantin G. Shevchenko, Alexey V. Yaremenko, Vladimir R. Cherkasov, Petr I. Nikitin, Maxim P. Nikitin
3	P-3	Expression of Ubiquitin in the Rat Kidney	Bataineh Ziad M.	Ziad M. Bataineh and Mohamad K. Nusier
4	P-4	Response of three types of cancer cells to photodynamic treatment assessed by means of digital holographic microscopy	Belashov Andrey	A.V. Belashov, A.A. Zhikhoreva, D.A. Rogova, N.A. Avdonkina, I.A. Baldueva, A.B. Danilova, M.L. Gelfond, T.L. Nekhaeva, I.V. Semenova, O.S. Vasyutinskii
5	P-5	Selective small molecule stabilisers/activators of p53(Y220C) mutant	Bulatov Emil	Regina Sayarova, Raniya Nazyrova, Rimma Mingaleeva, Olga Kartseva, Irina Glagoleva, Natalya Alexandrova, Azzam Hamad, Razan Subani, Vitaly Chasov, Rafil Khairullin, Regina Miftakhova, Matthias Baud, Albert Rizvanov, Emil Bulatov
6	P-6	The knockout of p53-specific methyltransferase Set7/9 leads to apoptosis increase in A549 lung cancer cells under genotoxic conditions	Daks Alexandra	A. Daks, V. Mamontova, O. Fedorova, O. Shuvalov, A. Petukhov and N. Barlev
7	P-7	New inhibitors of the BCL-2 family members derived from natural drimane sesquiterpenes	Daressy Florian	Florian Daressy; Loëtitia Favre, Laura Bousquet, Marc Litaudon, Cécile Apel, Jérôme Bignon, Olivier Pamard, Florian Malard, Fanny Roussi, Joëlle Wiels and Aude Robert
8	P-8	Systemic network analysis identifies XIAP as potential target in TRAIL resistant BRAF mutant melanoma	Del Mistro Greta	Greta Del Mistro, Philippe Lucarelli, Ines Müller, Sébastien De Landtsheer, Anna Zinoveva, Meike Hutt, Martin Siegemund, Roland E. Kontermann, Stefan Beissert, Thomas Sauter, Dagmar Kulms
9	P-9	HDAC6 may influence the death of brain cells in the early post-stroke recovery period	Demyanenko Svetlana	S. Demyanenko, E. Berezhnaya, M. Neginskaya, V. Nikul
10	P-10	BAX activation for apoptosis: mutations near its proposed non-canonical BH3 binding site reveal allosteric changes controlling mitochondrial association	Dengler Michael	Michael A. Dengler, Adeline Y. Robin, Leonie Gibson, Mark X. Li, Jarrod J. Sandow, Andrew I. Webb, Sweta Iyer, Dana Westphal, Grant Dewson, Jerry M. Adams
11	P-11	CRISPR/Cas9 screens identify novel Mycobacterium tuberculosis host cell death restriction factors as potential drug targets for treatment of Tuberculosis	Doerflinger Marcel	Doerflinger M, Stutz M, Milla L, Herold MJ, and Pellegrini M
12	P-12	Proteomics reveals the role of autophagy in cornification of keratinocytes	Eckhart Leopold	Leopold Eckhart, Karin Jaeger, Supawadee Sukseeree, Shaomin Zhong, Brett Phinney, Veronika Miltz, Florian Gruber, Robert Rice, Erwin Tschachler
13	P-13	Combination of hypoglycemia and metformin impairs tumor metabolic plasticity and growth by modulating PP2A-GSK3β-MCL-1 axis	Elgendy Mohamed	Mohamed Elgendy, Marco Cirò, Luca Mazzarella, Elisa Ferrari, Luisa Lanfrancone, Giuseppe Curigliano, Andrea DeCensi, Bernardo Bonanni, Pier Giuseppe Pelicci, Veerle Janssens, Marco Foiani, and Saverio Minucci
14	P-14	Therapy resistance: Do cancer-associated fibroblasts contribute?	Engelbrecht Anna-Mart	Anna-Mart Engelbrecht, Carla Fourie, Megan Mitchell
15	P-15	Treatment with Q-VD prevents death of effector cytotoxic CD4 T cells and prevents Aids	Estaquier Jerome	Jerome Estaquier, Mireille Laforge, Ricardo Silvestre, Vasco Rodrigues, Henintsoa Rabezanaha, Guido Silvestri, Anna Senik and Mireille Laforge
16	P-16	Ultrastructural features of apoptosis of cultured bone marrow cells	Fedotovskikh Galina	Fedotovskikh G.V., Shaimardanova G.M., Askarov M.B.
17	P-17	PDK suppression due to chronic influence of NOS inhibitor blocks the development of hypoxic resistance of experimental neoplasms	Filimonova Marina	M.V. Filimonova, T.C. Korneeva, LI Shevchenko, A.S. Samsonova, A.S. Filimonov
18	P-18	Novel BRET-based proximity biosensor for the study mitochondria-ER contact sites	Flores- Romero Hector	Vanessa Hertlein, Hector Flores-Romero, Kushal K. Das, Sebastian Fischer, Michael Heunemann, Klaus Harter and Ana J. Garcia-Sáez
19	P-19	Cell cycle arrest in mitosis or G2 promotes IFN-induced necroptosis	Frank Tanja	Tanja Frank, Sjoerd J.L. van Wijk and Simone Fulda
20	P-20	Receptor- and pathway-specific functions of the death domain proteins TRADD, RIP and FADD	Füllsack Simone	Simone Füllsack, Alevtina Rosenthal, Harald Wajant, Daniela Siegmund
21	P-21	Interplay of Fas-ligand, caveolin-1 and Fyn kinase	Glukhova Xenia	Xenia A. Glukhova, Julia A. Trizna, Olga V. Proussakova, Igor P. Beletsky
22	P-22	Boosting of the cytotoxic effect of RNAs by using the pro-apoptotic protein lactaptin for delivery of nucleic acids into cancer cells	Golubitskaya Ekaterina	Golubitskaya E., Chinak O., Pyshnaya I., Stepanov G., Juravlev E., Richter V., Koval O.
23	P-23	DNA methyltransferase 3A regulates autophagy long-term memory	González-Rodríguez Patricia	Patricia González-Rodríguez, Jens Füllgrabe, Mathilde Cheray, Virginia Cunha, Kristian Dreij and Bertrand Joseph
24	P-24	Smac mimetic LCL-161 in combination with TRAIL induce an inflammatory response in MCF-7 breast cancer cells	Granqvist Victoria	Victoria Granqvist, Christian Holmgren, Christer Larsson
25	P-25	Screening for novel E3 ubiquitin ligases to regulate Necroptosis	Ha Yu-Jin	Yu-Jin Ha, Hyun-Jin Noh, Seung-Jae Oh, Iseul Yoo, Han-Hee Park, Se-Yeon Park and You-Sun Kim
26	P-26	Smac mimetic LCL-161 and TRAIL in combination gives cell death complex formation and apoptosis through a kinase-independent RIP1 function in sensitive breast cancer cells	Holmgren Christian	Christian Holmgren, Ellen Sunström Thörnberg, Victoria Granqvist, Christer Larsson
27	P-27	To stimulate or inhibit cAMP signal in regulating cardiac myocyte function and death	Ishikawa Yoshihiro	Yoshihiro Ishikawa

28	P-28	Selective caspase-2 inhibition and synapse protection with a new irreversible pentapeptide derivative	Jacotot Etienne	Etienne Jacotot, Elodie Bosc, Julie Anastasie, Feryel Soulam, Ségolène Prétat, Gullen Lacin, Eric Duplus, Philippe Tixador, Hugo Cochet, Bernard Brugg, Chahrazade El Amri
29	P-29	Birinapant augments the efficacy of isolated limb perfusion in an animal model of extremity soft tissue sarcoma	Jamal Kunzah	Kunzah Jamal, Henry Smith, Tencho Tenev, Joan Kyula, Victoria Roulstone, Kevin Harrington, and Pascal Meier
30	P-30	DNA repair processes are critical mediators of p53-dependent tumor suppression	Janic Ana	Ana Janic, Liz Valente, Matthew Wakefield, Leon Di Stefano, Liz Milla, Stephen Wilcox, Haoyu Yang, Lin Tai, Cassandra Vandenberg, Andrew Kueh, Shinsuke Mizutani, Margs Brennan, Robyn Schenk, Lisa M. Lindqvist, Anthony Papenfuss, Liam O'Connor, Marco Herold, Andreas Strasser
31	P-31	Angiogenic, apoptotic and autophagic profiling of chronic myeloid leukaemia patients' platelets ex vivo before and after treatment with imatinib	Joubert Annie Margaretha	L Repsold, R Pool, G Tintinger, M Karodia, AM Joubert
32	P-32	Glutamine addiction and etoposide exposure effect on neuroblastoma treatment	Kadri Valter	Kadri Valter, Polina Maximchik, Boris Zhivotovsky, and Vladimir Gogvadze
33	P-33	Metabolo-epigenetic superposition of IDH1 and TP53 mutations and cell fates in gliomas	Kagansky Alexander	Alexander Kagansky, Valeriia Gulaia, and Dmitry Guschin
34	P-34	$\alpha$ -Casein Changes Gene Expression Profiles and Promotes Tumorigenesis of Prostate Cancer Cells	Kim Joo-Young	Joo-Young Kim, Seong Ik Bang, Sang Don Lee
35	P-35	Investigating the Stability and Localisation of the E3 Ubiquitin Ligase Pellino2	Kissenpfennig Adrien	Callum McGrenaghan, Prof. José Bengoechea, Prof. Paul N. Moynagh, Dr Adrien Kissenpfennig
36	P-36	Deregulation of mTORC1/autophagy axis during senescence leads to death of Ras-transformed cells upon MEK/ERK inhibition	Kochetkova Elena	Kochetkova Elena, Blinova G.I., Bystrova O.A., Martynova M.G., Pospelov V.A., Pospelova T.V.
37	P-37	The role of caspase-2 in the regulation of three modes of program cell death: apoptosis, necroptosis and mitotic catastrophe upon genotoxic stress in ovarian carcinoma cells	Kopeina Gelina	Kopeina G.S., Zamaraev A.V., Prokhorova E.A., Egorshina A. Yu., Lavrik I.N. and Zhivotovsky B.
38	P-38	TRAF1 does not compensate for TRAF2 deficiency in tumor necrosis factor (TNF) receptor superfamily (TNFRSF) signaling	Kreckel Jennifer	Jennifer Kreckel, Daniela Siegmund, Harald Wajant
39	P-39	Structural changes in the nuclear lamina in different forms of ataxia telangiectasia	Kuranova Mirya	Kuranova M, Ushakov R, Nozdracheva A, Pleskach N, Spivak I, Mikhelson V
40	P-40	The anti-caspase inhibitor Q-VD-OPH prevents AIDS disease progression in SIV-infected rhesus macaques	Laforge Mireille	Mireille Laforge, Ricardo Silvestre, Vasco Rodrigues, Julie Garibal, Laure Campillo-Gimenez, Shahul Mouhamad, Valérie Monceaux, Marie-Christine Cumont, Henintsoa Rabezanahary, Alain Pruvost, Anabela Cordeiro-da-Silva, Bruno Hurtrel, Guido Silvestri, Anna Senik, and Jérôme Estaquier
41	P-41	Novel ARTS mimetic small molecules bind directly to XIAP and promote killing of cancer cells through degradation of XIAP and Bcl-2	Larisch Sarith	Sarit Larisch, Dana Mamriev, Juliana Kagan
42	P-42	Impairment of mitochondrial ATP production downregulates Wnt signaling	Leanza Luigi	Magdalena Bachmann*, Roberto Costa, Roberta Peruzzo, Giulia Santinon, Mattia Vicario, Giulia Dalla Montà, Andrea Mattarei, Ruben Quintana Cabrera, Enrico Moro, Luca Scorrano, Massimo Zeviani, Mario Zoratti, Cristina Paradisi, Francesco Argenton, Marisa Brini, Tito Cali, Sirio Dupont, Ildikó Szabó, Luigi Leanza
43	P-43	VCP inhibition kills cancer cells via proteostatic disruption of the ER and mitochondria	Lee, Dong Min	Dong Min Lee, Min Ji Seo, In Young Kim, Seok Soon Park, Kyeong Sook Choi
44	P-44	Cellular and subcellular localization of endoplasmic reticulum chaperone GRP78 following transient focal cerebral ischemia in rats	Lee Mun-Yong	Mun-Yong Lee, Xuyan Jin, Dong Kyu Kim, Tae-Ryong Riew, Su-Ja Oh, Hong Lim Kim
45	P-45	Applying imaging flow cytometry for the characterization and quantification of NETosis and cell death in vitro and in vivo	Lelliott Patrick	Patrick M. Lelliott, Masatoshi Momota, Michelle S. J. Lee, Etsushi Kuroda, Norifumi Iijima, Ken J. Ishii, and Cevayir Coban
46	P-46	Dinaciclib broadly sensitizes cancer cell to TRAIL-induced apoptosis and overcomes chemoresistance	Lemke Johannes	Johannes Lemke, Antonella Montinaro, Anna-Laura Kretz, Silvia von Kartstedt, Doris Henne-Bruns, Henning Walczak
47	P-47	Pirh2 plays the oncogenic role in p53-negative lung cancer cells H1299	Mamontova Victoria	V. Mamontova, O. Fedorova, O. Shuvalov, A. Petukhov, N. Barlev and A. Daks
48	P-48	The ARTS protein initiates caspase activation upstream of mitochondrial outer membrane permeabilization(MOMP) by antagonizing XIAP and Bcl-2	Mamriev Dana	Dana Mamriev, Natalia Edison, Juliana Kagan and Sarit Larisch
49	P-49	Altered polarisation status of OPA1-deficient macrophages mediated by metabolic rewiring of macrophages	Markov Nikita	Nikita Markov, Darko Stojkov, Shida Yousefi, Hans-Uwe Simon
50	P-50	Induction of caspase-dependent chromatin disassembly in DFF40/CAD-deficient glioblastoma-derived cells	Martínez-Escardó Laura	Laura Martínez-Escardó, María Sánchez-Osuna, Sarah Besora, Jordi Bruna and Victor J. Yuste
51	P-51	Suppression of glycolysis and its consequences for tumor cell elimination	Maximchik Polina	Polina Maximchik, Alibek Abdrakhmanov, Evgeniya Inozemtseva, Boris Zhivotovsky, Vladimir Gogvadze
52	P-52	Fabrication of Highly Specific Drug Delivery Nanoagents and Investigation of Their Interaction with Cells	Mochalova, Elizaveta	Elizaveta N. Mochalova, Ilya L. Sokolov, Irina L. Nikitina, Alexey V. Orlov, Konstantin G. Shevchenko
53	P-53	Sphingomyelin synthase 1: A novel regulator of TNF-induced necroptosis	Moerke Caroline	Caroline Moerke, Andreas Dahl, Andreas Petzold, Ulrich Kunzendorf, Stefan Krautwald
54	P-54	Programmed Cell Death in a Model of The Nonhealing Skin Wound	Morgun Elena	Elena I. Morgun, Olga S. Rogovaya, Ekaterina A. Vorotelyak

55	P-55	Cancer cells employ nuclear caspase-8 to overcome the p53-dependent G2/M checkpoint through cleavage of USP28	Müller Ines	Ines Müller, Elwira Strozzyk, Sebastian Schindler, Greta Del Mistro, Stefan Beissert, Htoo Zarni Oo, Thomas Sauter, Philippe Lucarelli, Sebastian Raeth, Angelika Hausser, Nader Al Nakouzi, Beibei Zhai, Ladan Fazli, Martin E. Gleave, He Liu, Hans-Uwe Simon, Henning Walczak, Douglas R. Green, Jiri Bartek, Mads Daugaard, Dagmar Kulms
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**October 12, 13:00 – 15:00**

#/#	INDEX	TITLE	PRESENTING AUTHOR	AUTHORS
1	P-56	Neonatal lethality and inflammatory phenotype in new transgenic mice with overexpression of human interleukin-6 in myeloid cells	Nedospasov Sergei	E.A. Gorshkova, R.V. Zvartsev, M. A. Nosenko, V. S. Gogoleva, K. V. Korneev, D. V. Kuprash, A. V. Deikin, M. S. Drutskaya, S.A. Nedospasov
2	P-57	Inorganic Polyphosphate Induces Necrosis of Glial Cells and Modulates Electrophysiological Activity of Neurons	Neginskaya Maria	Neginskaya M.A., Berezhnaya E.V.
3	P-58	Ubiquitylation and Degradation of RIPK3 regulate proper cellular homeostasis in Skin	Noh Hyun-Jin	Hyun-Jin Noh, Han-hee Park, Iseul Yoo, Seung-Jae Oh, Yu-Jin Ha, Se-Yeon Park, and You-Sun Kim
4	P-59	p53-independent NOXA induction by fluorizoline is regulated by ATF3 and ATF4 in HeLa cells	Núñez-Vázquez Sonia	Sonia Núñez-Vázquez, José Saura-Esteller, Ismael Sánchez-Vera, Ana M. Cosialls, Gabriel Pons, Daniel Iglesias-Serret and Joan Gil
5	P-60	A formulated red ginseng extract has the inhibitory effect on autophagy and sensitizes hepatocellular carcinoma to doxorubicin	Oh Seung-Jae	Seung-Jae Oh, Han-hee Park, Hyun-Jin Noh, Iseul Yoo, Yu-Jin Ha, Se-Yeon Park, and You-Sun Kim
6	P-61	Pyroptosis features a caspase-1-induced apoptotic program that coincides with induction of GSDMD-driven cell lysis	van Opendenbosch Nina	Nina Van Opendenbosch, Nathalia M. de Vasconcelos, Hanne Van Gorp, Mohamed Lamkanfi
7	P-62	Identification of a Novel Kinase Inhibitor of RIP3 to Application for Necroptosis-Mediated Diseases	Park Han-Hee	Han-Hee Park, Se-Yeon Park, Hyun-Jin Noh, Iseul Yoo, Seung-Jae Oh, Yu-Jin Ha, and You-Sun Kim
8	P-63	Physiological role of linear ubiquitination: more to it than meets the eye	Peltzer Nieves	Nieves Peltzer, Maurice Darding, Antonella Montinaro, Peter Draber, Helena Draberova, Sebastian Kupka, Eva Rieser, Lucia Taraborrelli, Amanda Fisher, Tobias L. Haas, Yutaka Shimizu, Aida Sarr, James Rickard, Silvia Alvarez-Diaz, Ciaran Hutchinson, Charlotta Böiers, Michael T. Ashworth, Allison Beal, Tariq Enver, John Bertin, Philippe Bouillet, William Kaiser, Andreas Strasser, John Silke and Henning Walczak
9	P-64	How can a milk protein selectively kill cancer cells? Mechanisms underlying lactoferrin-induced apoptosis	Pereira Cátia S.	Cátia S. Pereira, Joana P. Guedes, Hernâni Gerós, Lígia R. Rodrigues, Manuela Córte-Real
10	P-65	Novel psoralen-derivatives with increased solubility in cancer treatment	Peruzzo Roberta	Roberta Peruzzo, Michele Azzolini, Andrea Carrer, Giovanni Rigoni, Katrin A. Becker, Andrea Mattarei, Maria Eugenia Soriano, Mario Zoratti, Erich Gulbins, Cristina Paradisi, Luigi Leanza, Ildikó Szabó
11	P-66	Prospects for use a 3D-cell model system for the early diagnosis of cell sensitivity to antitumor agents by evaluating the levels of functional activity of mitochondria	Petersen Elena	Elena Petersen, Ekaterina Skorova, Eugenia Shabalina
12	P-67	Ubiquitin-mediated regulation of the necroptotic effector MLKL	Ramos Garcia Laura	Laura Ramos Garcia, Gianmaria Liccardi, Sidonie WickyJohn, Lu Yu, Mercedes Calvo, Jyoti Choudhary, Pascal Meier.
13	P-68	Expansion of human NK cells for the treatment of multiple myeloma	Reina-Ortiz Chantal	Chantal Reina-Ortiz, Taylor Ewing, Alfonso Serrano del Valle, Joaquin Marco-Brualla, Isabel Izquierdo, Gemma Azaceta, Luis Palomera, Isabel Marzo, Javier Naval, Alberto Anel
14	P-69	Recombinant analog RL2 of human κ-Casein induces cell death in breast cancer cell lines	Richter Max	Max Richter, Fabian Wohlfromm, Olga Koval, Thilo Kähne, Vladimir Richter, Inna Lavrik
15	P-70	New inhibitors of the BCL-2 family members derived from natural drimane sesquiterpenes	Robert Aude	Florian Daressy; Loëtitia Favre, Laura Bousquet, Marc Litaudon, Cécile Apel, Jérôme Bignon, Olivier Pamlard, Florian Malard, Fanny Roussi, Joëlle Wiels and Aude Robert.
16	P-71	The deubiquitinating enzyme USP22 modulates the ubiquitination of two key mediators of necroptosis, RIPK3 and MLKL	Rödig Jens	Jens Rödig, Sjoerd van Wijk and Simone Fulda
17	P-72	Necroptosis may be triggered in human neuroprogenitor cells after zikabe infection	Rosa-Ribeiro Rafaela	Rafaela Rosa-Ribeiro, Ricardo Weinlich
18	P-73	TG2 regulates the heat shock response by the post-translational modification of HSF1	Rossin Federica	Federica Rossin, Valeria Villella, Manuela D'Eletto, Maria Grazia Farrace, Speranza Esposito, Eleonora Ferrari, Romina Monzani, Luca Occhigrossi, Gian Maria Fimia, Guido Kroemer, Valeria Raia, Luigi Maiuri and Mauro Piacentini.
19	P-74	Unexpected overlapping roles of multiple caspases and programmed cell death pathways in the response to bacterial infection	Salvamoser Ranja	Ranja Salvamoser, Paul G Whitney, Marcel Doerflinger, Sammy Bedoui, Andreas Strasser, Clare Bryant, Marco J Herold
20	P-75	Fluorizoline induced-apoptotic mechanism in the near-haploid human cell line HAP1	Sánchez-Vera Ismael	Ismael Sánchez-Vera, José Saura-Esteller, Sonia Núñez-Vázquez, Ana M. Cosialls, Daniel Iglesias-Serret, Gabriel Pons and Joan Gil.
21	P-76	A comparative study of apoptosis in peripheral blood leukocytes in patients with Parkinson's disease and healthy donors	Sapozhnikov Alexander	Julia Teterina, Anna Boyko, Olga Shustova, Maria Grechikhina, Ekaterina Doronina, Natalia Troyanova, Elena Kovalenko, Alexander Sapozhnikov
22	P-77	The role of PERK-E-Syt1 interaction in mitochondria homeostasis and lipid trafficking at the ER-mitochondria contact sites	Sassano Maria Livia	Maria Livia Sassano, Alex R. Van Vliet, Sofie Van Eygen, Rita Derua, Jonas Dehairs, Johan Swinnen, Paolo Pinton, Patrizia Agostinis
23	P-78	The Prohibitin-binding compound fluorizoline increases ER stress and activates the intrinsic pathway of apoptosis in HEK293T and U2OS cells	Saura-Esteller José	José Saura-Esteller, Sonia Núñez-Vázquez, Ismael Sánchez-Vera, Ana M Cosialls, Gabriel Pons, Daniel Iglesias-Serret, Joan Gil.
24	P-79	Long-term fluorescence in vivo imaging of caspase-3 activity in mouse tumor xenografts	Savitsky Alexander	Victoria Zherdeva, Natalia I. Kazachkina, Alexander P. Savitsky

25	P-80	Quantification of cell death dynamics at photodynamic treatment in vitro using digital holographic microscopy and tomography	Semenova Irina	Irina Semenova, Andrey Belashov, Anna Zhikhoreva, Tatyana Belyaeva, Elena Kornilova, Anna Salova, Oleg Vasyutinskii
26	P-81	Modulation of Mcl-1 transcription by serum deprivation sensitizes cancer cells to cisplatin	Senichkin Viacheslav	Viacheslav V. Senichkin, Gelina S. Kopeina, Inna N. Lavrik, Boris Zhivotovsky
27	P-82	Gambogic acid triggers paraptosis in cancer cells via disruption of thiol proteostasis	Seo Min Ji	Min Ji Seo, Dong Min Lee, In Young Kim, Dong Joo Lee, Min-Koo Choi, Joo-Youn Lee, Seok Soon Park, Seong-Yun Jeong, Eun Kyung Choi and Kyeong Sook Choi
28	P-83	14-3-3 $\beta$ Depletion Drives a Senescence Program in Glioblastoma Cells Through the ERK/SKP2/p27 Pathway	Sung Bin Seo	Sung Bin Seo, Je-Jung Lee, Hye Hyeon Yun, Ji-Ye Baek, Chang-Nim Im, Yong-Sam Kim, Jeong-Heon Ko and Jeong-Hwa Lee
29	P-84	Synergistic Interaction between the MCL-1-Specific Inhibitor S63845 and Venetoclax in B-Cell Precursor Acute Lymphoblastic Leukemia	Seyfried Felix	Felix Seyfried, Felix Stirnweiß, Stefan Köhrer, Klaus-Michael Debatin, and Lüder Hinrich Meyer
30	P-85	Development of the SPR based method for real-time monitoring of surface cell markers density	Shevchenko Konstantin	Konstantin G. Shevchenko, Afanasiy V. Lunin Anastasia V. Popova, Evgeny L. Kolychev, Boris G. Gorshkov, Maxim P. Nikitin
31	P-86	Inhibitors with high affinity to BCL-XL protein cause protein kinase A activation in caspase-3-dependent manner in platelets	Shpakova Valentina	Valentina S. Shpakova, Stepan P. Gambaryan, Natalia I. Rukoyatkina
32	P-87	Cancer-Testis Antigens – Semenogelins 1 and 2 down-regulates migration of human cancer cell models and sensitize them to genotoxic drugs	Shuvalov Oleg	Shuvalov O., Kizenko A., Petukhov A., Fedorova O., Daks A., Barlev N.
33	P-88	Aging markers in the cells of patients with the cockayne syndrome. Features and differences	Slizhov Pavel	P.A. Slizhov, M.L. Kuranova, A.A. Vasilishina, S.V. Zherebtsov, M.L. Bulatnikova, V.M. Mikhelson, I.M. Spivak.
34	P-89	Adipose-derived stromal cells of patients with type 2 diabetes mellitus have higher level of autophagy and inflammation compare with normal glucose tolerance patients	Stafeev Iurii	I.Stafeev, S.Michurina, N.Podkuychenko, I.Sklyanik, A.Panevina, E.Shestakova, K.Yah'yaev, E.Ratner, A.Vorotnikov, M.Menshikov, Yu.Yashkov, M.Shestakova, Ye.Parfyonova
35	P-90	GSDMD-deficient mice are protected from TNF-induced SIRS	Tonnus Wulf	Wulf Tonnus, Andreas Linkermann
36	P-91	Wild-type p53 phosphatase regulates the cell death pathway in neutrophils	Uyanik Burhan	B. Uyanik, C. Garrido, O.N. Demidov
37	P-92	Epigenetic processes in the ischemic penumbra after photothrombotic stroke in the rat cerebral cortex	Uzdensky Anatoly	Demyanenko S.V., Dzreyan V.A., Guzenko V.V., Uzdensky A.B.
38	P-93	Apoptosis regulation in ischemic penumbra after photothrombotic stroke	Uzdensky Anatoly	Uzdensky A.B., Demyanenko S.V.
39	P-94	Axotomy-induced death of glial cells remote from the injury site in the isolated crayfish stretch receptor: The role of Ca <sup>2+</sup> and ultrastructural alterations	Uzdensky Anatoly	Khaitin A.M., Rudkovskii M.V., Fedorenko A.G., Uzdensky A.B.
40	P-95	Ferroptosis and its detrimental role in multiple sclerosis	Van San Emily	Emily Van San, Behrouz Hassannia, Nele Goossens, Sze Men Choi, Conor McGuire, Sofie Voet, Geert Van Loo, Peter Vandenabeele and Tom Vanden Berghe
41	P-96	Studies on photo-sensitivity of a glycol porphyrin derivative and its anti-tumor efficacy	Vosahlikova Sarka	Sarka Vosahlikova, Irena Moserova, Jarmila Kralova, Milan Reinis, Romana Mikyskova, Radek Spisek
42	P-97	Functional characterization of two novel serine protease inhibitors able to block CD44-triggered necroptosis in GM-CSF-primed neutrophils	Wang Xiaoliang	Xiaoliang Wang, Martina Gobec, Shida Yousefi, Irena Mlinarić-Raščan, Hans-Uwe Simon
43	P-98	Single-molecule imaging of the plasma membrane TNFR1 equilibrium reveals novel roles for ligand-independent TNFR1 clustering in cell fate control	van Wijk Sjoerd	Sjoerd J. L. van Wijk, Christos Karathanasis, Sonja Smith, Sebastian Malkusch, Simone Fulda, Ivan Dikic, Mike Heilemann
44	P-99	Necroptosis caused by either TNFR1 or Fas activation shares common signal transduction pathway involving lysosomes and mitochondria	Yashin Denis	Yashin D.V., Sharapova T.N., Romanova E.A., Sashchenko L.P.
45	P-100	Structure comparative analysis of phosphorylation sites in caspases	Zamaraev Alexey	Alexey V. Zamaraev, Gelina S. Kopeina, Boris Zhivotovsky, Inna N. Lavrik
46	P-101	Re-activation of TAp73 tumor suppressor by protoporphyrin IX, a metabolite of aminolevulinic acid, induces apoptosis in TP53-deficient cancer cells	Zawacka-Pankau Joanna	Joanna Zawacka-Pankau, Alicja Sznarkowska, Anna Kostecka, Anna Kawiak, Pilar Acedo, Mattia Lion, Alberto Inga
47	P-102	Mechanisms of resistance to targeted therapies in melanoma and myelodysplastic syndromes: characterization and validation of innovative covalent inhibitor	Zerhouni Marwa	Marwa Zerhouni, Anthony Martin, Rachid Benhida, Stéphane Rocchi, Guillaume Robert, Patrick Auberger
48	P-103	Prevention of apoptosis progression by Deoxyribonuclease I inactivation through Endonuclease G-induced alternative splicing of its mRNA	Zhdanov Dmitry	Dmitry D. Zhdanov, Yulia A. Gladiлина, Vadim S. Pokrovsky, Dmitry V. Grishin, Marina V. Pokrovskaya, Svetlana S. Alexandrova, Anna A. Plyasova, and Nikolay N. Sokolov
49	P-104	Molecular Characterization of Smac Mimetic-Sensitive and -Resistant B-Cell Precursor Acute Lymphoblastic Leukemia	Zinggredre Julia	Zinggredre J, Meyer M, Meyer LH and Debatin KM