

## Wednesday September 28, 2016

**11:00 – 19:00 - Registration**

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| <b>13:00 - 13:15</b> | <b>Welcome address - Presentation of the COST PROTEOSTASIS network</b>   |
| <b>13.15 – 15:00</b> | <b>Session 1: Non-apoptotic death and autophagy</b><br><b>chair: Christian Widmann (Lausanne, Switzerland)</b>   |
| 13:15-13:45          | <b>David KOMANDER</b> (Cambridge, UK)<br><i>Regulating ubiquitin signals by deubiquitinases</i>  |
| 13:45-14:00          | <b>José Pedro Friedmann Angeli</b> (Neuherberg, Germany)<br><i>Acsf4 determines ferroptosis sensitivity by decreasing the content of arachidonoyl and adrenoyl containing phosphatidyl-ethanolamines</i>   |
| 14:00-14:15          | <b>Kristel Martínez-Lagunas</b> (Bonn, Germany)<br><i>In vivo detection of programmed cell death during mouse heart development</i>  |
| 14:15-14:30          | <b>Ed Mocarski</b> (Atlanta, USA)<br><i>Caspase-8 Executes Endotoxic Shock</i>   |
| 14:30-15:00          | <b>Fumiyo IKEDA</b> (Vienna, Austria)<br><i>Ubiquitin enzymes in the regulation of non-selective autophagy</i>   |
| <b>15:00 – 15:20</b> | <b>Flash talks -Session 1</b><br><b>chair: Seamus Martin (Dublin, Ireland)</b><br><b>Benjamin Cappe, Lisandra Castro, Danielle M. Clancy, Marco Cordani, Eugenia Delgado, Caitriona Holohan, Manhyung Jeong, Gianmaria Liscardi, Joanna Majkut, Jara Majuelos-Melguizo</b> |
| <b>15.20 – 16:00</b> | <b>Coffee break</b>  |
| <b>16:00 – 18:</b>   | <b>Session 1b: Non-apoptotic death and autophagy</b><br><b>chair: Xuejun Jiang (New York, USA)</b>   |
| 16:00-16:30          | <b>Eric BAEHRECKE</b> (Worcester, USA)<br><i>Autophagy, Cell Health and Cell Death</i>   |
| 16:30-17:00          | <b>Patrice CODOGNO</b> (Paris, France)<br><i>Lysosome at the crossroads of iron and targeting of breast cancer stem cells</i>  |
| 17:00-17:15          | <b>Triona Ni Chonghaile</b> (Dublin, Ireland)<br><i>A cancer selective small molecule that kills independent of mitochondrial apoptosis was identified from a high-throughput screen</i>   |
| 17:15-17:45          | <b>Oriol CASANOVAS</b> (Madrid, Spain)<br><i>Death and Survival after Antiangiogenic Therapies: the Metabolic Symbiosis Escape</i>   |
| 17:45-18:15          | <b>Kevin RYAN</b> (Glasgow, Scotland)<br><i>Mechanisms of macroautophagy in the cell death and cancer</i>  |
| <b>18:15-18:45</b>   | <b>ECDO general Assembly</b>   |
| <b>19:00 – 21:00</b> | <b>Poster session 1</b><br><b>(refreshments and bites on site)</b>   |

## Thursday September 29, 2016

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| <b>09:30 – 11:00</b> | <b>Session 2: Bcl-2 family, metabolism and cancer</b><br><b>Chair: Solange Desagher (Montpellier, France)</b>   |
| 09:30 -10:00         | <b>Tony LETAI</b> (Boston, USA)<br><i>Clinical success in targeting apoptosis in cancer cell mitochondria</i>   |
| 10:00 -10:30         | <b>Jean-Claude MARTINOU</b> (Geneva, Switzerland)<br><i>The mitochondrial pyruvate carrier: regulation of its activity in cancer cells</i>  |
| 10:30 -10:45         | <b>Jerry Chipuk</b> (New York, USA)<br><i>BAX-dependent mitochondrial outer membrane permeabilization: exquisitely regulated to the point of death.</i>   |
| 10:45 -11:00         | <b>Mar Orzáez (Valencia, Spain)</b><br><i>The Bax transmembrane domain interacts with Bcl-2 proteins in non-apoptotic cells</i>   |
| <b>11:00 - 11:30</b> | <b>Coffee break</b>   |
| <b>11:30 – 12:45</b> | <b>Session 2b: Bcl-2 family, metabolism and cancer</b><br><b>Chair: Philippe Juin (Nantes, France)</b>  |
| 11:30-12:00          | <b>Jean-Ehrland RICCI</b> (Nice, France)<br><i>Metabolic control of cell death</i>  |
| 12:00-12:15          | <b>Patricia Gomez-Bougie</b> (Nantes, France)<br><i>Repression of Mcl-1 and disruption of the Mcl-1/Bak interaction in myeloma cells couples ER stress to mitochondrial apoptosis</i>                         |
| 12:15-12:30          | <b>Sandrine Marchetti</b> (Nice, France)<br><i>The oncogenic tyrosine kinase Lyn modulates Bim pro-apoptotic function</i>   |
| 12:30-12:45          | <b>Prafull Kumar Singh</b> (Freiburg, Germany)<br><i>Dynein light chain 1 mediated oligomerisation on mitochondria regulates the pro-apoptotic activity of the BH3-only protein Bim</i>                       |
| <b>12:45 – 14:00</b> | <b>Lunch on site</b>  |
| <b>14:00 – 15:30</b> | <b>Session 3: Stress and cell death</b><br><b>Chair: Beatrice Bailly-Maitre (Nice, France)</b>  |
| 14:00-14:30          | <b>Avi ASHKENAZI</b> (San Francisco, USA)<br><i>Control of Apoptosis by the Unfolded Protein Response</i>   |
| 14:30-15:00          | <b>Eric CHEVET</b> (Rennes, France)<br><i>Antagonistic IRE1 RNase signals dictate glioblastoma tumor development</i>  |
| 15:00-15:15          | <b>Susan Logue</b> (Galway, Ireland)<br><i>Inhibition of IRE1a RNase activity modulates the secretome of Triple Negative Breast Cancer cells and enhances the effectiveness of chemotherapy</i>               |
| 15:15 -15:30         | <b>Beatriz Martín-Antonio</b> (Barcelona, Spain)<br><i>Natural killer cells transfer antimicrobial and antitumoral Histone H2AZ to kill multiple myeloma cells contributing to transmissible cytotoxicity</i> |

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| <b>15:30 – 15:50</b> | <b>Flash talks - Session 2</b><br><b>Chair: Simone Fulda (Frankfurt, Germany)</b><br><b>Seung-Won Choi (poster Noh), Adrien Nougarede, Michaela Ohmer, Jinho Seo, Raquel Salvador-Gallego, Doaa Tawfik, Selma Tuzlak, Juan Garcia Valero, Sarka Vosahlikova, Tianqi Xu</b> |
| <b>15:50 - 16:20</b> | <b>Coffee break</b>  |
| <b>16:20 – 18:15</b> | <b>Session 3b: Stress and cell death</b><br><b>Chair: Francois Vallette (Nantes, France)</b>   |
| 16:20-16:50          | <b>Boris TURK</b> (Ljubljana, Slovenia)<br><i>Cysteine cathepsins: cell killing or tumor promoting in cancer?</i>  |
| 16:50-17:20          | <b>Guido KROEMER</b> (Paris, France)<br><i>Immunogenic cell stress and death in anticancer immunosurveillance</i>  |
| 17:20-17:35          | <b>Raffaella Iurlaro</b> (Barcelona, Spain)<br><i>Glucose deprivation induces ATF4-mediated apoptosis through TRAIL receptors DR4/TRAIL-R1 and DR5/TRAIL-R2</i>  |
| 17:35-18:15          | <b>CDD Jurg Tshopp award presentation: Peter Vandenabeele</b> (Ghent, Belgium)<br><i>Regulation of the core necroptosis pathway by nuclear events</i>  |
| <b>18:15- 20:15</b>  | <b>Poster session 2 + refreshments</b>   |

## Friday September 30, 2016

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| <b>09:30 – 12:30</b> | <b>Session 4: Inflammation and cell death</b><br><b>Chairs: Gerry Melino (Rome/Leicester, UK) - Thomas Brunner (Konstanz, Germany)</b>    |
| 09:30-10:00          | <b>John BERTIN</b> (Pennsylvania, USA)<br><i>RIPK1 therapeutics—From concept to patients with immune-mediated inflammatory diseases</i>   |
| 10:00-10:30          | <b>Domagoj VUCIC</b> (San Francisco, USA)<br><i>Regulation of inflammation and cell death by RIP kinases</i>                              |
| 10:30-10:45          | <b>Ulrich Maurer</b> (Freiburg, Germany)<br><i>SPATA2 promotes CYLD activity and regulates TNF-induced NF-κB signaling and cell death</i> |
| <b>10:45 - 11:15</b> | <b>Coffee break</b>   |

- 11:15-11:45 **Henning WALCZAK** (London, UK)  
*Cell death in cancer, inflammation and immunity*
- 11:45-12:15 **Seamus MARTIN** (Dublin, Ireland)  
*TRAIL-induced Inflammatory signaling: a DISC with a Twist*
- 12:15-12:30 **Lynn Wong** (Zurich, Switzerland)  
*RIPK3 promotes vascular permeability via VEGF/p38 axis to allow tumor cell extravasation independent of its kinase activity*

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| <b>12:30 – 14:00</b> | <b>Lunch on site</b>  |
| <b>14:00 – 15:30</b> | <b>Session 5: Death Receptors and caspase activating complexes</b><br><b>Chair : Núria Sánchez-Coll, Barcelona, Spain</b>   |
| 14:00-14:30          | <b>Marion MACFARLANE</b> (Leicester, UK)<br><i>A Unified Model for c-FLIP regulation of Caspase-8 and control of life/death decisions</i>   |
| 14:30-15:00          | <b>Andreas VILLUNGER</b> (Innsbruck, Austria)<br><i>Controlling cell death in and out of mitosis</i>  |
| 15:00-15:15          | <b>Eli Arama</b> (Rehovot, Israel)<br><i>Caretakers of tissue integrity: A non-apoptotic role of caspases in preventing unwanted cell migration and invasion</i>                        |
| 15:15-15:30          | <b>Dagmar Kulms</b> (Dresden, Germany)<br><i>Caspase-8 promotes uncontrolled progression of cancer cells</i>  |
| <b>15:30 - 16:00</b> | <b>Coffee break</b>   |
| <b>16:00 – 18:00</b> | <b>Session 6: Death modulators in the clinic</b><br><b>Chair: Joan Gil, Barcelona, Spain</b>  |
| 16:00-16:15          | <b>Eric Eldering</b> (Amsterdam, Netherlands)<br><i>BH3 mimetics as combination drugs and as profiling tools in CLL</i>   |
| 16:15-16:30          | <b>Joan Montero</b> (Boston, USA)<br><i>Using Dynamic BH3 Profiling to employ BH3 mimetics for improving cancer treatment</i>   |
| 16:30-16:45          | <b>Markus Rehm</b> (Stuttgart, Germany)<br><i>A stepwise integrated approach to personalized risk predictions in stage III colorectal cancer building on tumor apoptosis competency</i> |
| 16:45-17:00          | <b>Ana Janic</b> (Melbourne, Australia)<br><i>shRNA screens indicate that DNA repair is the process critical for p53-mediated tumour suppression</i>                                    |
| 17:00-18:00          | <b>ECDO Honorary Lecture: Andreas STRASSER</b> (Melbourne, Australia)<br><b><i>Which pro-survival BCL-2 family member should be targeted for the treatment of which cancer?</i></b>     |
| 18:00-18:10          | Poster and flash talk awards  |
| 18:10-18:20          | Wrap-up   |
| <b>20:30</b>         | <b>Conference dinner</b>  |