



III INTERNATIONAL SYMPOSIUM Cancer and Inflammation: from cell biology to therapy

Edificio Emilio Pugin - Facultad de Ciencias, Campus Isla Teja
Valdivia, Chile

Thursday 11

- 08:00-08:30 **Registration and welcome ceremony**
- 08:30-09:00 **Fabiola Sánchez** (Universidad Austral de Chile)
S-nitrosylation regulates leukocyte and tumoral cell adhesion
- 09:00-09:30 **Rodrigo López** (Universidad Austral de Chile)
Polyamines: potential chemotherapy targets inside the tumor cell metabolism
- 09:30-10:00 **Viviana Montecinos** (P. Universidad Católica de Chile)
Role of carcinoma-associated fibroblasts in metastatic dissemination
- 10:00-10:30 **Carlos González** (Universidad Austral de Chile)
AMPK as a therapeutic target for anticancer therapy
- 10:30-11:00 **Coffee break**
- 11:00-11:30 **Short talks. Session 1**
- 11:30 -12:00 **Alejandro Rojas** (Universidad Austral de Chile)
Starvation-induced SUMO modification: Characterization of a new stress response pathway
- 12:00-12:45 **Moran Benhar** (Technion Israel Institute of Technology). *The role of protein S-nitrosylation in cancer and inflammation: recent progress and outlook*
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- 15:00-15:30 **Alfonso González** (Universidad San Sebastián)
Endocytic trafficking in cancer malignancy and new targeted treatment
- 15:30-16:00 **Karina Pino-Lagos** (Universidad de los Andes)
Inflammation and the immune component in cancer
- 16:00-16:30 **Fabiola Osorio** (Universidad de Chile)
Regulation of anti-tumor immunity by the unfolded protein response
- 16:30-17:00 **Flavio Salazar** (Universidad de Chile)
Heat-shocked tumor lysates as immunogenic sources for cancer vaccine design
- 17:00-17:30 **Coffee break**
- 17:30-18:00 **Short talks. Session 2**
- 18:00-18:45 **Benedict Chambers** (Karolinska Institute)
PD-1 and innate immune responses
- 19:00-20:00 **Poster Session**

Friday 12

- 08:30-09:00 **Andrew Quest** (Universidad de Chile, ADCCIs)
How inflammation turns caveolin-1 bad
- 09:00-09:30 **Alejandro Corvalán** (P. Universidad Católica de Chile, ADCCIs). *Gastric cancer: Pathogenesis and biomarkers*
- 09:30-10:00 **Gareth Owen** (P. Universidad Católica de Chile, ADCCIs)
The tangled web of coagulation, tumor irrigation and metastasis
- 10:00-10:30 **Carmen Romero** (Universidad de Chile, ADCCIs)
Importance of inflammatory molecules and miRNAs in epithelial ovarian cancer progression
- 10:30-11:00 **Coffee break**
- 11:00 -11:30 **Short talks. Session 3**
- 11:30-12:00 **Claudia Torres-Farfán** (Universidad Austral de Chile)
Gestational chronodisruption leads to persistent changes in fetal and adult adrenal clock and function
- 12:00-12:45 **Jim Burch** (University of South Carolina)
The role of circadian processes in cancer: epidemiologic perspectives
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- 15:00-15:45 **Chao Zhao** (WT-MRC Cambridge Stem Cell Institute & Department of Clinical Neurosciences). *Progenitor activation: a crucial step for successful CNS remyelination*
- 15:45-16:15 **Francisco Rivera** (Universidad Austral de Chile)
Coupling inflammation to regeneration: role of the neurovascular niche in CNA remyelination
- 16:15-16:45 **Alessandro Zaupa** (Universidad de los Andes)
Biomaterials: engineering the microenvironment to tune the inflammatory response and cancer development
- 16:45-17:15 **Coffee break**
- 17:15-17:45 **Leonie Rosenberg** (Universidad de los Andes)
Use of stem cell derived exosomes in cancer therapy
- 17:45-18:15 **Manuel Varas** (Universidad de los Andes)
Extracellular vesicles derived from ovarian cancer stem cells as a modulator of chemoresistance and metastasis
- 18:15-19:00 **José Conejo-García** (Moffit Cancer & Research Center)
Understanding immunosuppression in the ovarian cancer micro- and macro-environment for effective immunotherapeutic targeting