



Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session A**  
**Friday, September 28, 2018**  
**1320-1520**

**A01 AC-05 is capable of inducing expression of proteins related to apoptosis pathways in melanoma cells** Michelly Cristiny Pereira. UFPE - Universidade Federal de Pernambuco, Recife, Pernambuco, Brazil.

**A02 Acyl-CoA synthetase-4 is implicated in drug resistance in breast cancer cell lines involving the regulation of energy-dependent transporter expression** Ulises Daniel Orlando. Biomedical Research Institute, INBIOMED (UBA, CONICET), Department of Biochemistry, School of Medicine, University of Buenos Aires, Buenos Aires, Buenos Aires, Argentina.

**A03 Allantoin reduces cell death induced by cisplatin in lung cancer and leukemia: possible implications for the Tumor Lysis Syndrome management.** Janaina Fernandes. Universidade Federal do Rio de Janeiro, Rio de Janeiro, Rio de Janeiro, Brazil.

**A04 Analysis of the interaction and sub-localization of the HSP70 protein and its co-chaperones in tumor cells** Sofia Scmazzon. PUCRS, Porto Alegre, RS, Brazil.

**A05 Antitumoral effect of the co-chaperone HspBP1** Karina Lima. PUCRS, Porto Alegre, Rio Grande do Sul, Brazil.

**A06 Autophagic and endocytic vesicular traffic role of WNK2 in glioma** Ana Laura Vieira Alves. Barretos Cancer Hospital, Barretos, São Paulo, Brazil.

**A07 Bioinformatics and immunohistochemical analyses reveal a possible risk biomarker for developing gastric cancer** Ivaine Sartor. UFRGS, Porto Alegre, RS, Brazil.

**A08 Biomarkers of early-stage recurrence in endometrial cancer. Identification studies using bioinformatics tools and molecular approaches.** María José Besso. Laboratorio de Estudios de la Interacción Celular en Reproducción y Cáncer, Instituto de Biología y Medicina Experimental (IBYME; CONICET-FIBYME), Buenos Aires, Provincia de Buenos Aires, Argentina.

**A09 Characterization of a melanoma cell culture on a new three-dimensional scaffold model** Julia Crispim da Fontoura. PUCRS, Porto Alegre, RS, Brazil.

**A10 Clinicopathological and Sociodemographic Data Collection from Non-Small Lung Cancer Patients for Research on Genomic Field and Inclusion in Internacional Consortia** Leticia Ferro Leal. Barretos Hospital Cancer, Barretos, São Paulo, Brazil.

**A11 Combined effects on breast cancer prognosis of gene polymorphisms affecting the Vascular Endothelial Growth Factor and its receptor** Hayra Vieira-Monteiro. National School of Public Health - FIOCRUZ, Rio de Janeiro, Rio de Janeiro, Brazil.

**A12 Comparison of NGS and ddPCR for detecting point mutations and genomic rearrangements in circulating tumor DNA** Isabella Meira. A.C. Camargo, Sao Paulo, SP, Brazil.



Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session A**  
**Friday, September 28, 2018**  
**1320-1520**

- A13 Complete tumor inhibition upon treatment of a human melanoma cell line with adenovirus-mediated interferon-beta gene therapy.** Otto Cerqueira. ICESP, São Paulo, SP, Brazil.
- A14 Comprehensive molecular profiling of murine melanoma progression identifies independent prognostic factors for melanoma patients** Miriam Jasiulonis. UNIFESP, São Paulo, SP, Brazil.
- A15 Co-treatment of lung tumor cells with Adp53 and CDK4/6 inhibitor Palbociclib: A multipronged approach to reach both Rb and p53 pathways** Ana Dias. University of Sao Paulo, Biomedical Science Institute, Sao Paulo, Sao Paulo, Brazil.
- A16 Dendritic cells as powerful tools to detect T cell responses against tumor cells** Mariana Pinho. Institute of Biomedical Sciences of the University of Sao Paulo, Sao Paulo, SP, Brazil.
- A17 Drinking for the liver?: experimental evidence on the attenuation of fibrosis-associated hepatocarcinogenesis by the combination of bioactive coffee compounds** Guilherme Romualdo. UNESP - São Paulo State University, Botucatu Medical School, Department of Pathology, Botucatu, São Paulo, Brazil.
- A18 Effect of bone cells HO-1 ablation in the communication between prostate cancer cells and bone progenitors** Nicolas Anselmino. IQUIBICEN-Buenos Aires Univ., Buenos Aires, CABA, Argentina.
- A19 Establishment of canine melanoma cell lines, molecular characterization and development of a model of cancer gene therapy** Otávio Rodrigues. Instituto do Câncer do Estado de São Paulo (ICESP)- Faculdade de Medicina da USP (FMUSP), São Paulo, São Paulo, Brazil.
- A20 ET<sub>A</sub>R expression and activation is related to the steroidogenic pathways in the progression of prostate cancer** María José Torres. University of Chile, Santiago, Chile.
- A21 Evaluation of the expression and therapeutic potential of toxins present in the snake venom *Bothrops jararaca*** Elisa Messias. Barretos Cancer Hospital, Barretos, SP, Brazil.
- A22 Exome sequencing of germline DNA from non-BRCA1/BRCA2 carriers of Brazilian families at high-risk for hereditary breast/ovarian cancer** Paula Felicio. Molecular Oncology Research Center, Barretos Cancer Hospital, Barretos, São Paulo, Brazil.
- A23 Generation of a Pcyt2 knockout lung cancer cell line using CRISPR-Cas9 as a new target validation approach** Sarah Teixeira. Institute of Biomedical Sciences/USP, São Paulo, SP, Brazil.
- A24 Genomic landscape of Brazilian non-small cell lung cancer** Leticia Ferro Leal. Barretos Cancer Hospital, Barretos, SP, Brazil.
- A26 Immune landscape in esophageal squamous cell cancer** Luciana Barros. INCA, Rio de Janeiro, Rio de Janeiro, Brazil.



Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session A**  
**Friday, September 28, 2018**  
**1320-1520**

- A27 Immune response in murine LMM3 spontaneous tumor** Marlina Olyssa Córdoba Moreno. Academia Nacional de Medicina, Buenos Aires, Buenos Aires, Argentina.
- A28 Immunological landscape in metastatic *versus* non-metastatic oral cavity tumors** Marco Pretti. Instituto Nacional de Câncer, Rio de Janeiro, Rio de Janeiro, Brazil.
- A29 Influence of *BRCA1* germline mutations in the somatic mutational burden of triple-negative breast cancer** Rafael Brianese. A. C. Camargo Cancer Center, São Paulo, SP, Brazil.
- A30 Influence of claudin-3 in the response to ionizing radiation in colorectal cancer cells** Perôny Nogueira. Brazilian National Cancer Institution, Rio de Janeiro, RJ, Brazil.
- A31 Investigating galectin-7 in pancreatic cancer: Tissue expression, serum levels and biological implication** Antônio Silva-Filho. UFPE, Recife, PE, Brazil.
- A32 Investigation of FAK signaling in the epithelial-to-mesenchymal transition induced by cancer-associated fibroblasts in colorectal cancer** Pedro Barcellos-de-Souza. Cellular Structural and Dynamics Group, Molecular and Cellular Oncobiology Program, Brazilian National Cancer Institute - INCA, Rio de Janeiro, RJ, Brazil.
- A33 Long-non coding RNA *in cis* regulation of protein coding genes reveals novel pathways involved in Ewing sarcoma metastasis** Rafael Coan. UNESP, Botucatu, SP, Brazil.
- A34 Mass spectrometry-based proteomics of the invasive tumor front and matched lymph node metastasis in head and neck squamous cell carcinoma** Ariane Busso-Lopes. Brazilian Biosciences National Laboratory - LNBio, Brazilian Center for Research in Energy and Materials - CNPEM, Campinas, SP, Brazil.
- A35 Mass spectrometry-based proteomics study makes YWHAZ a potential prognosis biomarker for prostate cancer, independent from Gleason score** Juan Bizzotto. Department of Biological Chemistry, FCEN, University of Buenos Aires, IQUIBICEN-CONICET, CABA, Buenos Aires, Argentina.
- A36 Matchtope: A structural clustering pMHC-I tool to prospect tumour antigens** Eduardo Antonio. Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brazil.
- A37 Melanoma microenvironment has a potential therapeutic target by Interferon beta gene therapy** Igor Vieira. ICESP - FMUSP, São Paulo, São Paulo, Brazil.
- A38 Molecular cloning of four genes derived from *Ectatomma opaciventre* (arthropod) venom gland, with therapeutic potential for treatment of head and neck tumors.** Ângela Oliveira. Barretos Cancer Hospital, Barretos, São Paulo, Brazil.



Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session A**  
**Friday, September 28, 2018**  
**1320-1520**

**A39 Molecular profile for cetuximab resistance in head and neck cancer cell lines** Izabela Natalia Faria Gomes. Barretos Cancer Hospital, Barretos, SP, Brazil.

**A40 MTAP (Methylthioadenosine Phosphorylase) expression is frequently reduced in high grade gliomas** Weder Menezes. Barretos Cancer hospital, Barretos, São Paulo, Brazil.

**A41 Murine breast tumors induce systemic alterations of the B cell compartment** Nicolás Sarbia. Instituto de Biología y Medicina Experimental (IBYME), Ciudad de Buenos Aires, Argentina.

**A42 Mutation signature in bladder cancer is PolQ dependent** Tirzah Braz Petta Lajus. UFRN, Natal, RN, Brazil.

**A43 Novel synthetic naphthoquinone-derived compounds can inhibit cell viability by blocking cell cycle progression and inducing cell death in metastatic prostate cancer cell lines** Paula Priscilla de Freitas dos Santos. INCA, Rio de Janeiro, RJ, Brazil.

**A44 OPNa splice variant overexpression is associated with matrix calcification and collagen deposition in thyroid cancer cell lines** Luciana Ferreira. Instituto Nacional de Câncer, Rio de Janeiro, RJ, Brasil.

**A45 P53 and interferon beta as a combined strategy for colorectal cancer gene therapy** Paulo R Del Valle. ICESP, São Paulo, SP, Brazil.

**A46 Pancreatic Adenocarcinoma and Translational control of the module IMPACT/GCN1/GCN2** Fernanda Ferreira. A.C. Camargo Cancer Center, São paulo, São Paulo, Brazil.

**A47 Radiosensitization of colorectal tumors: addition of metformin to neoadjuvant treatment** Paula Asprino. Hospital Sírio-Libanês, Sao Paulo, SP, Brasil.

**A48 Role of aerobic exercise training on tumor-infiltrating immune cells** Vanessa Voltarelli. Sírio Libanês Hospital, São Paulo, SP, Brazil.

**A49 Role of cofilin-1 during epithelial-mesenchymal transition in colorectal cancer cells** Annie Squiavinato. Brazilian National Cancer Institute (INCA), Rio de Janeiro, RJ, Brazil.

**A50 Searching for new predictive biomarkers of immunotherapy in lung adenocarcinoma: exploring data from TCGA in hypermutated tumors** Ivaine Sartor. PPGBM-UFRGS, Porto Alegre, RS, Brazil.

**A51 Serum levels of melatonin in patients with hepatocarcinoma and prostate cancer** Debora Zuccari. Faculdade de Medicina de São José do Rio Preto - FAMERP, São José do Rio Preto, São Paulo, Brazil.

**A52 SPARC induces epithelial-mesenchymal transition in prostate cancer cells through an Integrin  $\alpha v \beta 3$  / ZEB1 signaling pathway** Fernanda López-Moncada. Universidad de Chile, Santiago, Chile.



Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session A**  
**Friday, September 28, 2018**  
**1320-1520**

**A53 Sputum as a novel approach for the detection of driver mutations in patients with non-small cell lung cancer: a preliminary study** vanessa de Sá. Ac Camargo Cancer Center, São Paulo, São Paulo, Brasil.

**A54 STMN3 expression level differentiate low grade oligodendroglioma from astrocytoma.** Fernanda Serachi. Universidade de São Paulo, São Paulo, São Paulo, Brazil.

**A56 T Follicular helper cells expansion during colon and mammary tumor development** Montana Manselle Cocco. Laboratorio de Inmunopatología, Instituto de Biología y Medicina Experimental (IBYME), CONICET, Ciudad de Buenos Aires, Argentina.

**A57 The functional role of LOXL3 in astrocytomas** Talita Laurentino. Universidade de São Paulo, São Paulo, São Paulo, Brazil.

**A58 The LQB-223 compound exhibits antitumor activity against breast cancer cells with distinct phenotypes** Lauana Lemos. Instituto Nacional de Câncer (INCA), Rio de Janeiro, Rio de Janeiro, Brazil.

**A59 The radiosensitizing effect and immune-modulatory function of PI4K III $\alpha$  inhibition using anti-hepatitis C viral agent in breast cancer model: a potential model of drug repositioning** In Ah Kim. Seoul National University, College of Medicine, Seoul, South Korea.

**A61 The role of the miR-143/miR-145 cluster in chondrosarcoma progression** Joaquin Urdinez. Balgrist University Hospital/ ETH Zurich, Zurich, Zurich, Switzerland.

**A62 Therapeutic effect of LQB-118 and LQB-223 compounds against subcutaneous xenograft model of glioblastoma** Gustavo Guimarães. The Brazilian National Cancer Institute, Rio de Janeiro, RJ, Brazil.

**A63 Transcriptomics analysis of horse melanoma tumors treated with amblyomin-X suggests an apoptotic versus survival duel, er-stress, and immunogenic cell death responses: a translational study** Flavio Lichtenstein. Butantan Institute, Sao Paulo, SP, Brazil.

**A64 Use of shRNA screen to identify ubiquitin related genes involved in the regulation of tumor-cell migration and invasion.** Fabiana Rossi. Biomedicine Research Institute of Buenos Aires, CABA, Buenos Aires, Argentina.

**A65 BET and mTOR inhibitors combination is associated with differential gene expression in acute myeloid leukemia** Mariane T Amano. Hospital Sírio-Libanês, São Paulo, São Paulo, Brazil.

**A66 CAR T cells generated using Sleeping Beauty transposon vectors and expanded with a lymphoblastoid cell line (LCL) have antitumor activity in vitro and in vivo.** Leonardo Chicaybam. FIOCRUZ, Rio de Janeiro, Rio de Janeiro, Brazil.



Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session A**  
**Friday, September 28, 2018**  
**1320-1520**

**A67 Characterization of molecular mechanism responsible for *FLT3* gene overexpression in acute leukemias** Caroline Poubel. Instituto Nacional de Câncer - INCA, Rio de Janeiro, Rio de Janeiro, Brazil.

**A68 CRLF2 expression associates with combined *NOTCH1/IKZF1* status in childhood T-cell acute lymphoblastic leukaemia** Ana Luiza Maciel. Instituto Nacional de Câncer, Rio de Janeiro, RJ, Brasil.

**A70 Extracellular vesicles size and concentration as diagnostic marker for canine multicentric lymphoma** Taismara Garnica. University of Sao Paulo, Pirassununga, Sao Paulo, Brazil.

**A71 Genomic profile of *RUNX1-ETV6*+ pediatric B-cell precursor acute lymphoblastic leukemia** Thayana Barbosa. Molecular Cancer Study Group, Division of Clinical Research, Research Centre, Instituto Nacional de Câncer - INCA, Rio de Janeiro, Rio de Janeiro, Brazil.

**A72 Investigational study of LQB-118 mechanism of action in chronic myeloid leukemia cells** Fernanda Costas. Instituto Nacional do Câncer, Rio de Janeiro, Rio de Janeiro, Brazil.

**A73 Targeting TORID-2 triggers leukemic pyroptotic cell death in chronic lymphocytic leukemia** Marcelo Hill. Institut Pasteur de Montevideo. Universidad de la Republica., Montevideo, Uruguay.



Second AACR International Conference

## Translational Cancer Medicine: Cancer Discoveries for Clinical Application

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



### Poster Session B

Saturday, September 29, 2018

1320-1520

**B01 Introduction of an innovative palliative treatment using intratumor injections of cisplatin(CDDP) and laser-induced thermal therapy(LITT) in a university hospital in Brazil** Marcos Paiva. University of California, Los Angeles, CA, USA.

**B02 Valproic acid combined with cisplatin-based chemoradiation in locally advanced (LA) head and neck squamous cell carcinoma (HNSCC) patients (pts) and associated biomarkers** Milena Mak. Instituto do Cancer do Estado de Sao Paulo - Faculdade de Medicina da Universidade de Sao Paulo, Sao Paulo, Sao Paulo, Brazil.

**B03 A proteomics study of MCF-7 cells overexpressing a novel Epithelial Cadherin splice variant reveals changes in cell metabolism and increased expression of Lactate Dehydrogenase B** Mónica Vazquez-Levin. IBYME (CONICET-FIBYME), Buenos Aires, Argentina.

**B04 An integrated approach using cell lines and plasma from patients suggest miR-210 as promising non-invasive biomarker for astrocytoma** Paula Bernardo. INCA, Rio de Janeiro, RJ, Brazil.

**B05 Anti-inflammatory/antioxidant functions of metformin in abrogating BCa cell invasiveness** LaFontae McAtee. Xavier University of Louisiana, New Orleans, LA, USA.

**B06 Association between expression of drug transporter genes and treatment response in osteosarcoma** Alini Trujillo-Paolillo. IOP/GRAACC/UNIFESP, Sao Paulo, Sao Paulo, Brasil.

**B07 BET-inhibition by JQ1 inhibit self-renewal and suppress ZEB2 expression in canine mammary cancer cells** Pedro Luiz Xavier. University of São Paulo, Pirassununga, São Paulo, Brazil.

**B08 Characterizing the role of Thymine DNA Glycosylase (TDG) mediated active DNA demethylation in glucose and bile acid homeostasis in vivo** Muhammad Hassan. Western University and London Regional Cancer Program, London, Ontario, Canada.

**B09 Effect of N-glycan branching degree on the levels of UDP-GLcNAc, O-GLcNAc and Hyaluronic acid in colorectal cancer cells** Érika Elias Ferreira. INCA, Rio de Janeiro, RJ, Brazil.

**B10 Evaluation of antitumor activity of royal jelly and its compound 10-HDA in human breast cancer cell lines: Perspectives for epigenetic therapy** Fernanda France. Sao Paulo State University (UNESP), Botucatu, Sao Paulo, Brazil.

**B11 Histone deacetylases might not be involved carcinogenesis mechanism in carcinoma of the ampulla of Vater.** Cleandra Gregório. UFRGS, Porto Alegre, Rio Grande do Sul, Brazil.



Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session B**

**Saturday, September 29, 2018**

**1320-1520**

**B12 Identification of novel partners of ASXL2 protein by high-throughput proteomics and their implication in chromatin remodeling in breast cancer subtypes** Mariana Araujo. Instituto Nacional do Câncer (INCA), Rio De Janeiro, Brazil.

**B13 Insights into miR-29 dysregulation in Burkitt Lymphoma: From mir-29 silencing by DNA methylation to cell migration** Luciano Mazzocchi. Instituto Nacional de Câncer, Rio de Janeiro, Rio de Janeiro, Brazil.

**B14 Long noncoding RNA profiling of two myoepithelial cell lines from canine mammary carcinomas as a comparative and translational oncology model** Lídia Pulz. Laboratory of Comparative and Translational Oncology, School of Food Engineering and Animal Science, University of São Paulo, Pirassununga, São Paulo, Brazil.

**B15 Metformin-induced chemosensitization to cisplatin depends on p53 status and is inhibited by Jarid1b overexpression in NSCLC cells** Tharcisio Citrangulo Tortelli Jr. Instituto do Cancer do Estado de São Paulo, Sao Paulo, SP, Brazil.

**B16 microRNA and mRNA expression profiles and potential clinical implications for penile carcinoma** Tatiane Furuya. Instituto do Câncer do Estado de São Paulo (ICESP), São Paulo, SP, Brazil.

**B17 MicroRNA deregulation potentially affects cellular organization and inflammatory response pathways associated with pancreatic ductal adenocarcinoma** Tainara Felix. São Paulo State University (UNESP), Botucatu, Sao Paulo, Brazil.

**B18 MiRNome profile reveals shared features in breast cancer subtypes and points to a novel miRNAs signature involved in disease** Stephany Corrêa. Brazilian National Cancer Institute, Rio de Janeiro, Rio de Janeiro, Brazil.

**B19 NF-kappaB regulates DNA repair-related genes and Redox metabolism in breast cancer subtypes** Bruno Pires. Laboratório de Célula-Tronco, Instituto Nacional de Câncer, Rio de Janeiro, Rio de Janeiro, Brazil.

**B20 Targeting a metabolic vulnerability of prostate cancer cells with approved agents** Joseph Longo. Princess Margaret Cancer Centre, Toronto, Ontario, Canada.

**B21 The effect of obesity and high-intensity interval training (HIIT) on breast cancer cell growth in vitro** Grazielle Fardin. UFCSPA, Porto Alegre, RS, Brazil.

**B22 Tumor suppressive and oncogenic microRNAs are commonly deregulated in plasma from patients with hepato-pancreato-biliary carcinomas.** Natália Bertoni. São Paulo State University (UNESP), Faculty of Medicine, Dept. of Surgery and Orthopedics; São Paulo State University (UNESP), Experimental Research Unity (UNIPLEX), Botucatu, São Paulo, Brazil.





Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session B**

**Saturday, September 29, 2018**

**1320-1520**

**B23 Effects of the tumor microenvironment generated by glioblastoma multiforme cells over monocyte-derived dendritic cells** Nadia Emely Chauca Torres. University of Sao Paulo, Sao Paulo, Sao Paulo, Brazil.

**B24 Analysis of the relationship of cytokines with esophageal squamous cell carcinoma** Paula Pastrez. Institute of Education and Research (IEP), and Molecular Oncology Research Center, Barretos Cancer Hospital – Pio XII Foundation, Barretos, SP, Brazil.

**B25 Modulation of CTLA-4 expression in mature and immature DCs** Gabriela Evangelista. University of São Paulo, Sao Paolo, Sao Paolo, Brazil.

**B26 Resistance to BRAF inhibitors and its impact on the immune microenvironment in melanoma patients** Florencia Veigas. Inmuno-Oncología Traslacional, IBYME-CONICET, Buenos Aires, Buenos Aires, Argentina.

**B27 Targeting TORID-1 enhances antitumor immunity and augments the efficacy of immune checkpoint blockers by unleashing inflammasome activation.** Marcelo Hill. Institut Pasteur de Montevideo. Universidad de la Republica., Montevideo, Uruguay.

**B28 Analysis of BRAF mutations, genetic ancestry and clinicopathological features of Brazilian lung adenocarcinomas** Rodrigo de oliveira cavagna. Hospital de Câncer de Barretos, Barretos, São Paulo, Brasil.

**B29 Bioinformatic study of the mechanisms of response to treatment by immunogenomic profiling and transcriptomic analysis of melanoma biopsies** Yamil Mahmoud. Laboratorio de Inmuno-Oncología Traslacional - IBYME - CONICET, Buenos Aires, Buenos Aires, Argentina.

**B30 Comprehensive gene panel sequencing combined with artificial intelligence: A powerful tool for detecting and interpreting genomic mutations and driving personalized medicine** Elisa Napolitano Ferreira. Research and Development, Grupo Fleury, São Paulo, SP, Brazil.

**B31 Detection of ALK, RET, ROS1 Rearrangements by NanoString in Brazilian Patients with Non-Small Cell Lung Cancer** Lázaro Antonio Campanha Novaes. Hospital de Câncer de Barretos, Barretos, São Paulo, Brasil.

**B32 Detection of mutations associated with acquired resistance to anti-EGFR therapy in circulating tumor DNA from lung cancer patients** Franciele Knebel. Hospital Sírio Libanês, São Paulo, SP, Brazil.



Second AACR International Conference

## Translational Cancer Medicine: Cancer Discoveries for Clinical Application

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



### Poster Session B

Saturday, September 29, 2018

1320-1520

- B33 Galectin-1 binding to HER2+ human breast cancer cells induces cancer stemness and modulates sensitivity to Trastuzumab therapy** Ramiro Perrotta. Laboratorio de Inmunopatología, Instituto de Biología y Medicina Experimental (IBYME-CONICET), Buenos Aires, Argentina.
- B34 Identification of long non-coding RNAs regulated by *KRAS* in pancreatic cancer** Thalita Corrêa. Instituto de Química - Universidade de São Paulo, São Paulo, SP, Brasil.
- B35 Influence of gene expression on progression of renal cell carcinoma** Jong Park. Moffitt Cancer Center, Tampa, Florida, USA.
- B36 Key signaling pathways regulated by microRNAs in hepatocellular carcinoma.** Carolina Campos. São Paulo State University (UNESP), Faculty of Medicine, Dept. of Surgery and Orthopedics; São Paulo State University (UNESP), <sup>2</sup>Experimental Research Unity (UNIPEX), Botucatu, São Paulo, Brazil.
- B37 Kinases as new metastasis biomarkers in gastric cancer** Raquel Montenegro. Federal Universtiy of Ceará, Fortaleza, Ceará, Brazil.
- B38 MiR-210 and miR-152 as diagnostic markers in liquid biopsy of women with breast cancer** Beatriz Lopes. Faculdade de Medicina de São José do Rio Preto (FAMERP), São José do Rio Preto, São Paulo, Brasil.
- B39 Molecular characterization of gastric adenocarcinoma tumors from Chilean patients** Javier Caceres-Molina. Center of Excellence in Precision Medicine (CEMP), Pfizer-Chile, Santiago, Chile.
- B40 Necrotic cell death genes as prognostic biomarkers in lower grade glioma patients** Guilherme Vergara. Hospital Israelita Albert Einstein, São Paulo, São Paulo, Brazil.
- B41 Novel glycomarkers to predict platinum chemoresistance** Nahid Razi. AccuDava, Inc., La Jolla, CA, USA.
- B42 POTENTIALLY UNIQUE DRUG TARGETS IN CONSENSUS MOLECULAR SUBTYPES OF COLORECTAL CANCER** Cristóvão Lanna. INCA, Rio de Janeiro, Rio de Janeiro, Brazil.
- B43 Preliminary results of ONCOTARGET, a custom NGS panel of 57 genes for the therapeutic decision and choice of targeted drugs in solid tumors refractory to conventional therapy** Andre Murad. PERSONAL. Precision Molecular Laboratory, Belo Horizonte, MG, Brazil.
- B44 Real-world epidemiological characterization of ALK rearrangements in Chilean and Brazilian NSCLC populations.** Gonzalo Sepúlveda-Hermosilla. CEMP Pfizer Chile, Santiago, Chile.



Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session B**

**Saturday, September 29, 2018**

**1320-1520**

**B45 Recurrent mutations and liquid biopsy in cervical adenocarcinoma** Y.F. Wong. Department of Obstetrics & Gynaecology, The Chinese University of Hong Kong, Department of Obstetrics, Gynecology and Reproductive Biology, Brigham & Women's Hospital, Harvard Medical School, Hong Kong, , Hong Kong SAR China.

**B46 Ret-driven inflammation is a potential therapeutic target in ER+ breast cancer subtype** Edith Kordon. Instituto de Fisiología, Biología Molecular y Neurociencias (IFIBYNE)-UBA-CONICET, University of Buenos Aires, CABA, Buenos Aires, Argentina.

**B47 Somatic mutation profile and analysis of ctDNA in liquid biopsy for monitoring rare head and neck tumors** Giovana Torrezan. A.C.CAMARGO CANCER CENTER, SAO PAULO, SP, BRAZIL.

**B48 The protagonism of extracellular vesicles in tumor biology, tumor recurrence and patient survival** Vilma Martins. A.C.Camargo Cancer Center, São Paulo, São Paulo, Brazil.

**B49 TRPML1 regulates prostate cancer cell proliferation through the modulation of oxidative stress and cell cycle** Andra Sterea. Dalhousie University, Halifax, Nova Scotia, Canada.

**B50 Use of urine and plasma as liquid biopsy for the detection of tumor DNA in patients with Wilms' tumor: Noninvasive strategy for monitoring response to chemotherapy.** Ana Miguez. AC Camargo Cancer Center, São Paulo, SP, Brazil.

**B51 Whole exome sequencing in Mexican HER2+ breast cancer patients** Erika Ruiz-Garcia. Instituto Nacional de Cancerología, Mexico City, Mexico.

**B52 Concordance between the Progesterone Receptor isoform ratio in primary breast cancer and in matched axillary metastasis** Maria Florencia Abascal. Instituto de Biología y Medicina Experimental (IByME) CONICET, CABA, Buenos Aires, Argentina.

**B53 Detection of ESR1 mutations in plasma cell-free DNA from metastatic ER-positive breast cancer patients resistant to hormone therapy.** Fabiana Bettoni. Hospital Sírio-Libanês, Sao Paulo, Sao Paulo, Brazil.

**B54 NURR1 modulates cancer cell responses to fenretinide-induced ER** Mikayla Johnson. Xavier University of LA, New Orleans, Louisiana, United States.

**B55 Postnatal exposure to a glyphosate-based herbicide: Incidence of neoplastic lesions and molecular mechanisms involved** María Milesi. Instituto de Salud y Ambiente del Litoral (ISAL), Facultad de Bioquímica y Cs. Biológicas (UNL/CONICET), Santa Fe, Santa Fe, Argentina.



Second AACR International Conference

**Translational Cancer Medicine: Cancer Discoveries for Clinical Application**

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



**Poster Session B**  
**Saturday, September 29, 2018**  
**1320-1520**

**B56 Protein kinase CK2 alpha regulates ER alpha isoform expression and tamoxifen sensitivity in BCa**  
Wyatt Chafin. Xavier University of Louisiana, New Orleans, LA, USA.

**B57 Study of the prognostic and predictive values of AKT and S6 in breast cancer**  
Novaro. IBYME, Buenos Aires, Argentina.

**B58 Targeting EZH2 in progesterone receptor-positive breast cancer** Mauro Cenciarini. IBYME, Buenos Aires, Argentina.

**B59 A novel patient derived orthotopic xenograft model of gastro-esophageal junction cancer: key platform for translational discoveries** Omkara Lakshmi Veeranki. MD Anderson Cancer Center, Houston, Texas, USA.

**B60 Assessing clinical applicability of an intratumoral genetic heterogeneity score across distinct cancer types** Filipe Ferreira dos Santos. Instituto de Ensino e Pesquisa - Hospital Sirio-Libanês (IEP - HSL), Sao Paulo, SP, Brazil.

**B61 IMPORTANCE OF THE GENE WEE1 AND EFFECTS OF ITS INHIBITION IN THE SURVIVAL OF MULTIPLE MYELOMA CANCER STEM CELLS** Gisele Colleoni. UNIFESP, São Paulo, São Paulo, Brasil.

**B62 OSTEOPONTIN-C MEDIATES DRUG RESISTANCE IN OVARIAN CARCINOMA CELLS** Mariana Brum. Instituto Nacional do Câncer- INCA, Rio de Janeiro, Rio de Janeiro, Brasil.

**B63 Role of glioblastoma-derived microvesicles on cellular malignancy** Paloma Silva de Souza. Instituto Nacional de Câncer, Rio de Janeiro, RJ, Brazil.

**B64 SHH PATHWAY STUDY IN GLIOBLASTOMA** Giselle Lopes. INCA, RIO DE JANEIRO, RIO DE JANEIRO, BRASIL.

**B65 The molecular mechanisms of Carcinoma in situ evolution into Invasive Ductal Carcinoma breast cancer** Igor Diomará Soares. Instituto Nacional do Câncer, Rio de Janeiro, Rio de Janeiro, Brazil.

**B66 A model for HPV co-infection with PHK co-transduced with the oncoproteins E6/E7 of  $\alpha$ - and  $\beta$ -HPV** Valéria Talpe-Nunes. Center for Translational Research in Oncology, Instituto do Câncer do Estado de São Paulo, Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo, São Paulo, São Paulo, Brazil.

**B67 Analysis of HPV-18 transcriptional activity during cell differentiation** Aline Ribeiro. ICESP, São Paulo, São Paulo, Brazil.

**B68 Biological properties of natural variants by Human Papillomavirus 18** Emily Montosa Nunes. Instituto do Cancer do Estado de Sao Paulo, Hospital das Clinicas da Faculdade de Medicina da Universidade de Sao Paulo, Sao Paulo, SP, Brazil.



Second AACR International Conference

## Translational Cancer Medicine: Cancer Discoveries for Clinical Application

September 27 - 29, 2018 | São Paulo, Brazil

**AACR**  
American Association  
for Cancer Research\*



### Poster Session B

Saturday, September 29, 2018

1320-1520

**B69 Functional analysis of a peptide selected by phage display in head and neck tumours** Ricardo Cintra. Institute of Chemistry, Universidade de São Paulo/ Department of Radiology and Oncology, Faculdade de Medicina, Universidade de São Paulo, SAO PAULO, SAO PAULO, BRAZIL.

**B70 Identification of potential cellular targets for Epstein-Barr virus encoded microRNAs miR-BART7 and miR-BART9 by *in silico* analysis** Brunno Caetano. Sao Paulo State University, Botucatu, Sao Paulo, Brazil.

**B71 Pathway prediction analysis of miR-100-5p target genes differentially expressed in EBV-positive nasopharyngeal carcinoma cells *in vivo*.** Barbara Muller-Coan. UNESP, Botucatu, SP, Brazil.

**B72 Targeting the polarization of tumor-associated macrophages and modulating mir-155 expression might be a new approach to treat diffuse large B-cell lymphoma of the elderly** Gisele Colleoni. Unifesp, São Paulo, SP, Brazil.