

Poster Program

Poster Session 1
Monday, 15 June 2015
13:45-14:45

[P1.001]	CD39⁺ Treg accumulate in colon adenocarcinomas and have increased expression of the immunomodulatory molecules ICOS and PD-L1 F. Ahlmanner*, P. Sundström, P. Akeus, M. Quiding-Järbrink, <i>University of Gothenburg, Sweden</i>
[P1.002]	Modulating innate-adaptive immune cell interactions to achieve tumor rejection A.S. Almeida*, T. Kees, M.E. Egeblad, <i>Cold Spring Harbor Laboratory, USA</i>
[P1.003]	hsa-miR-448 significantly inhibits MALAT1 oncogenic and metastatic activity in malignant breast cancer by suppressing aberrant KDM5B expression O.A.O. Bamodu* ^{1,2} , L.S. Wang ^{1,2} , T.Y. Chao ¹ , C.T. Yeh ² , A.T.H. Wu ¹ , ¹ Taipei Medical University, Taiwan, ² Taipei Medical University-Shuang Ho Hospital, Taiwan
[P1.004]	Ovatodiolide sensitizes triple negative breast cancer cells to doxorubicin anticancer activity, eliminates their cancer stem cell-like phenotype, and reduces doxorubicin-associated toxicity O.A.O. Bamodu* ^{1,2} , L.S. Wang ^{1,2} , T.Y. Chao ¹ , A.T.H. Wu ¹ , C.T. Yeh ² , ¹ Taipei Medical University, Taiwan, ² Taipei Medical University-Shuang Ho Hospital, Taiwan
[P1.005]	SIGIRR/TIR8 is highly expressed in HER-2 overexpressing breast tumors and is a novel regulator of antitumoral immunity L.F. Campesato* ^{1,2} , A.P. Silva ¹ , L. Minute ^{3,4} , F.C. Navarro ^{1,2} , N. Polentarutti ³ , F. Riva ^{3,4} , E.T. Costa ^{1,2} , A. Mantovani ^{3,4} , C. Garlanda ³ , A.A. Camargo ^{1,2} , ¹ Ludwig Institute for Cancer Research, Brazil, ² Molecular Oncology Center - Hospital Sirio-Libanês, Brazil, ³ Humanitas Research Hospital, Italy, ⁴ University of Milan, Italy
[P1.006]	Anticancer immunity induced by a complex physical and social environment R. Xiao, S. Bergin, W. Huang, A. Slater, M. Caligiuri, L. Cao*, <i>The Ohio State University, United States Minor Outlying Islands</i>
[P1.007]	The thymic stromal protease TSSP is crucial for the anti-tumoral function of CD4⁺ T cells L. Brisson ^{1,4} , J-L. Iovanna ^{1,3} , A. Carrier* ^{1,2} , ¹ Cancer Research Center of Marseille (CRCM), France, ² CNRS, France, ³ Inserm, France, ⁴ Aix-Marseille Université, France, ⁵ Institut Paoli-Calmettes, France
[P1.008]	Oral rapamycin requires interferon (IFN)-γ and promotes $\gamma\delta$ T cell cytotoxicity to prevent carcinogen and inflammation-induced dermal cancer V. Dao* ¹ , S. Pandeswara ¹ , Y. Liu ^{1,2} , V. Hurez ¹ , A. Liu ¹ , T.J. Curiel ¹ , ¹ UT Health Science Center at San Antonio, USA, ² Xiangya School of Medicine, China
[P1.009]	Anti-tumor immunity in hypoxia: Targeting HIF and NK cells J. De Waele* ¹ , Y. Willemen ¹ , J. Van Audenaerde ¹ , E. Marcq ¹ , A. Wouters ¹ , M. Peeters ^{1,2} , F. Lardon ¹ , E. Smits ¹ , ¹ University of Antwerp, Belgium, ² Antwerp University Hospital, Belgium
[P1.010]	B cells have both effector and regulatory functions in anti-cancer immunity B. Fazekas de St Groth* ^{1,2} , T.V. Guy ^{1,2} , A. Terry ^{1,2} , E. Shklovskaya ^{1,2} , ¹ Centenary Institute, Australia, ² University of Sydney, Australia
[P1.011]	CD40L: A new decisive antitumor effector function of CD8⁺ T cells M. Frentsch* ¹ , A.S. Japp ¹ , J.J. Listopad ² , R. Stark ¹ , I. Taniuchi ³ , T. Blankenstein ² , A. Thiell ¹ , ¹ BCRT Charite, Germany, ² MDC & Charite, Germany, ³ RIKEN, Japan
[P1.012]	The in vivo protective effects of soybeanon DMN-induced hepatotoxicity in rats G. Hosny*, S. Abdelnaeim, H. Tayel, <i>University of Alexandria, Egypt</i>
[P1.013]	Expression of immunogenic cell death (ICD)-associated proteins and pro-inflammatory factors in mouse glioma cells following treatment with different chemotherapeutic agents and irradiation J. Enriquez* ¹ , S. Fritzell ¹ , E. Sandén ¹ , S. Eberstål ¹ , E. Visse ¹ , A. Darabi ¹ , P. Siesjö ^{1,2} , ¹ Lund University, Sweden, ² University Hospital of Skåne, Sweden
[P1.014]	CPT1 dependent CD4 T cell death in mice with non-alcoholic steatohepatitis promotes hepatocarcinogenesis C. Ma ¹ , D. Felsher ² , T. Greten* ¹ , ¹ National Cancer Institute, USA, ² Stanford University, USA
[P1.015]	The immunoreceptor TIGIT regulates anti-tumor and anti-viral T cell effector function J.L. Grogan*, R.J. Johnston, L. Comps-Agrar, J. Hackney, X. Yu, D.L. Eaton, <i>Genentech, USA</i>
[P1.016]	Studying the effects of dual-specificity phosphatase 4 on tumorigenesis and anti-tumor immunity C-Y. Huang*, Y-C. Lin, W-Y. Hsian, F-H. Liao, <i>National Health Research Institutes, Taiwan</i>

[P1.017]	Increasing the efficacy of diabetes type I cell therapy by utilizing nanocurcumin M.A. Javidi*, S. Babashah, M. Sadeghizadeh, <i>Tarbiat Modares University, Iran</i>
[P1.018]	Targeting FSTL1 improves immune suppression and dysfunction accompanied by bone metastasis C. Kudo-Saito* ¹ , M. Toyoura ² , Y. Shouya ² , A. Ishida ² , K. Saito ² , C. Awada ² , ¹ <i>Keio University School of Medicine, Japan</i> , ² <i>Pharma Foods International Co., Ltd, Japan</i>
[P1.019]	Chemotherapeutic drug, paclitaxel, induces the key molecular determinants of immunogenic cell death in ovarian cancer T.S. Lau, L.K.Y. Chan, E.C.H. Wong, T.H. Cheung, S.F. Yim, J.H.S. Lee, T.K.H. Chung, J. Kwong*, <i>The Chinese University of Hong Kong, Hong Kong</i>
[P1.020]	Tissue-Resident Lymphocytes as a model for Tumour Infiltrating Lymphocytes F. Kyle* ¹ , Y. Wu ¹ , S. Hessey ¹ , A. Tutt ¹ , A. Hayday ^{1,2} , ¹ <i>King's College London, UK</i> , ² <i>Cancer Research UK, UK</i>
[P1.021]	MDSC home to tumor draining lymph nodes and locally modulate the T cell response Q.L. Lahmar* ^{1,2} , E.S. Schoupe ¹ , D.L. Laoui ^{1,2} , E.O. Van Overmeire ^{1,2} , P.B. De Baetselier ^{1,2} , A.S. Sarukhan ^{1,2} , J.G. Van Ginderachter ^{1,2} , ¹ <i>VUB, Belgium</i> , ² <i>Myeloid Cell Immunology Laboratory, Belgium</i>
[P1.022]	ZBP1/DAI deficiency promotes ATM-mediated tumor suppression of Eμ-Myc-induced B-cell Lymphomagenesis A.R. Lam* ¹ , K.X. Koo ^{1,2} , S.W.S. Ho ¹ , Y.J. Shen ¹ , W.Y.L. Zhang ¹ , W.J. Chng ¹ , S. Akira ³ , K.J. Ishii ^{2,3} , S. Gasser ¹ , ¹ <i>National University of Singapore, Singapore</i> , ² <i>National Institute of Biomedical Innovation, Japan</i> , ³ <i>WPI Immunology Frontier Research Center, Japan</i>
[P1.023]	Increased prevalence of IL-7 receptor-α-expressing memory CD8⁺ T cells and association with the progression of oral squamous cell carcinoma J-J. Lee* ¹ , J-S. Chia ² , ¹ <i>National Taiwan University Hospital, Taiwan</i> , ² <i>National Taiwan University, Taiwan</i>
[P1.024]	CCR2 controls tumor-induced Treg migration and defines a subset sensitive to low dose cyclophosphamide P-L. Loyher* ^{1,2} , P. Hamon ^{1,2} , C. Combadière ^{1,2} , A. Boissonnas ^{1,2} , ¹ <i>UPMC Univ Paris, France</i> , ² <i>INSERM, U1135, France</i>
[P1.025]	CCL5 is a critical regulator of the development and function of myeloid derived suppressor cells during tumor progression and a potential target of immunotherapy Y. Ban ¹ , W. Zhang ² , X. Ma* ^{1,2} , ¹ <i>Weill Cornell Medical College, USA</i> , ² <i>Shanghai Jiaotong University, China</i>
[P1.026]	Immuno-modulatory properties of cancer-associated fibroblasts : A study in NSCLC I. Martinez-Zubiarre* ¹ , L. Gorchs ¹ , T.B. Stuge ¹ , T. Hellevik ^{1,2} , ¹ <i>University of Tromsø, Norway</i> , ² <i>University Hospital of Northern Norway, Norway</i>
[P1.027]	An anti-tumorigenic role for the IL-33/ST2 axis in colon cancer C. O'Donnell* ¹ , A. Mahmoud ¹ , W. Bennett ¹ , A. Houston ^{1,2} , E. Brint ^{1,2} , ¹ <i>University College Cork, Ireland</i> , ² <i>Alimentary Pharmacobiotic Centre, Ireland</i>
[P1.028]	Depletion of regulatory T cells promotes chemokine production and accumulation of CXCR3+ conventional T cells in intestinal tumors P. Akeus ¹ , V. Langenes ¹ , J. Kristensen ¹ , A. von Mentzer ¹ , T. Sparwasser ² , S. Raghavan ¹ , M. Quiding-Järbrink* ¹ , ¹ <i>Gothenburg University, Sweden</i> , ² <i>Centre for Experimental and Clinical Infection Research, Germany</i>
[P1.029]	Regulatory T cells from colon cancer patients express CD39 and inhibit transendothelial effector T cell migration by an adenosine-dependent mechanism P. Sundström, H. Stenstad, V. Langenes, F. Ahlmanner, L. Börjesson, B. Gustavsson, M. Quiding-Järbrink*, <i>University of Gothenburg, Sweden</i>
[P1.030]	Regulation of immunosuppressive functions by p38 MAPK signaling in myeloid cells contributes to cancer immune tolerance E.I. Rivas* ¹ , A.R. Nebreda ^{1,2} , ¹ <i>Institute for Research in Biomedicine (IRB Barcelona), Spain</i> , ² <i>ICREA, Spain</i>
[P1.031]	Molecular and genetic properties of tumors associated with local immune cytolytic activity M.S. Rooney* ^{1,2} , S.A. Shukla ^{1,3} , C.J. Wu ^{3,4} , G. Getz ^{2,5} , N. Hacohen ^{2,4} , ¹ <i>Massachusetts Institute of Technology, USA</i> , ² <i>Broad Institute, USA</i> , ³ <i>Dana-Farber Cancer Institute, USA</i> , ⁴ <i>Harvard Medical School, USA</i> , ⁵ <i>Massachusetts General Hospital, USA</i>
[P1.032]	The landscape of T cell infiltration in human cancer and its association with antigen presenting gene expression Y. Senbabaoglu* ¹ , A.G. Winer ¹ , R.S. Gejman ^{1,2} , ¹ <i>Memorial Sloan Kettering Cancer Center, USA</i> , ² <i>Weill Cornell Medical College, USA</i>
[P1.033]	Systemic immunoprofiling of pediatric brain tumor patients utilizing high-sensitivity cytokine multiplex assays E. Sandén* ¹ , E. Visse ¹ , J. Enriquez ¹ , P. Siesjö ^{1,2} , A. Darabi ¹ , ¹ <i>Lund University, Sweden</i> , ² <i>University Hospital of Skåne, Sweden</i>

[P1.034]	Epithelial-mesenchymal transition in breast cancer carcinoma: An immune evasion mechanism? A. Sanlaville*, D. Poujol, N. Goutagny, M. Malfroy, I. Durand, A.P. Morel, A. Puisieux, C. Caux, I. Puisieux, <i>Université Claude Bernard Lyon, France</i>
[P1.035]	Requirement for tumor and host PDL1 during tumor initiation and maintenance J. Lau, L. Strickland, J. Cheung, B. Haley, A. Navarro, K. Totpal, P. Caplazi, B. Irving, J. Kim, M. Schmidt*, <i>Genentech Inc., USA</i>
[P1.036]	Molecular regulation of $\gamma\delta$ T cell tumour responses S. Mensurado, M. Rei, N. Goncalves-Sousa, K. Serre*, B. Silva-Santos, <i>Universidade de Lisboa, Portugal</i>
[P1.037]	Differential expression of major histocompatibility complex I in subtypes of breast cancer I-H. Song*, H-J. Lee, I-A. Park, J-H. Yu, J-H. Ahn, G. Gong, <i>University of Ulsan College of Medicine, Republic of Korea</i>
[P1.038]	Lysosomal exposure by melanoma cells at the lytic synapse yields perforin degradation and limits CTL-mediated cytotoxicity R. Khazen ¹ , S. Müller ¹ , M.P. Puissegur ¹ , L. Filali ¹ , N. Gaudenzio ^{1,2} , E. Espinosa ¹ , S. Valitutti* ¹ , ¹ INSERM U1043, <i>France</i> , ² Stanford University, <i>USA</i>
[P1.039]	NOX2 induced lipid peroxidation triggers endosomal antigen release for cross-presentation G. van den Bogaart* ¹ , I. Dingjan ¹ , D.R. Verboogen ¹ , L.J. Visser ¹ , G. Fischer von Mollard ² , S.S. Henriët ¹ , M. ter Beest ¹ , C.G. Figdor ¹ , ¹ Radboud UMC, <i>The Netherlands</i> , ² Bielefeld University, <i>Germany</i>
[P1.040]	Autophagy deficiency in monocytic myeloid-derived suppressor cells promotes anti-tumor immune responses and delays tumor growth K. Mintzas ¹ , R. Barouni ¹ , M. Xilouri ¹ , H. Gogas ² , P. Verginis* ¹ , ¹ Biomedical Research Foundation Academy of Athens, <i>Greece</i> , ² University of Athens, <i>Greece</i>
[P1.041]	Cytokine profile analysis in serum from brain tumor patients E. Visse*, A. Darabi, E. Sanden, P. Siesjö, <i>Lund University, Sweden</i>
[P1.042]	Per2 upregulation limits hemato-/lymphopoiesis and immune function in the context of DNA damage and aging J.W. Wang*, Y. Morita, K.L. Rudolph, <i>Leibniz-Institute for Age Research - Fritz-Lipmann-Institut e.V. (FLI), Germany</i>
[P1.043]	Transient ablation of regulatory T cells improves antitumor immunity in colitis-associated colon cancer E. Pastille ¹ , A. Adamczyk ¹ , W. Hansen ¹ , T. Sparwasser ² , J. Buer ¹ , A.M. Westendorf* ¹ , ¹ University Duisburg-Essen, <i>Germany</i> , ² Centre for Experimental and Clinical Medicine Hannover, <i>Germany</i>
[P1.044]	Coexpression of BTLA and PD-1 identifies a novel T-cell exhaustion phenotype in hepatitis B virus-related hepatocellular carcinoma Q. Zhao*, Z-L. Huang, C-S. Lin, Z-L. Gao, S-C. Su, D-M. Kuang, L. Zheng, <i>Sun Yat-sen University, China</i>
[P1.045]	Clinical bacterial isolate engineered as an immunotherapy for prostate cancer J.F.A. Anker*, S.A.A. Abdulkadir, A.J.S. Schaeffer, P.T. Thumbikat, <i>Northwestern University, USA</i>
[P1.046]	Monocytes and macrophages undergo an immuno-metabolic adaptation in response to cancer S.K. Biswas* ¹ , Z. Hruskova ¹ , M.K. Dhillon ¹ , M. Mojena ² , P. Prieto-Chinchilla ³ , S. Marín ³ , P. de Atauri ³ , A.S.C. Wong ⁴ , R. Soong ⁵ , L. Bosca ² , ¹ SIgN (Singapore Immunology Network), <i>Singapore</i> , ² Instituto de Investigaciones Biomédicas Alberto Sols (CSIC-UAM), <i>Spain</i> , ³ Universitat de Barcelona, <i>Spain</i> , ⁴ National University Health System, <i>Singapore</i> , ⁵ National University of Singapore, <i>Singapore</i>
[P1.047]	Development of new and own CAR T-cell anti-CD19 (CART19) for immunotherapy in a Spanish public Hospital A. Boronat* ¹ , D. Segura-Garzón ¹ , J. Delgado ¹ , S. Rives ² , R. Martín-Ibañez ³ , J. Tabera ⁴ , J. Cid ¹ , V. Rodríguez ¹ , E. Campo ¹ , M. Juan ¹ , ¹ Hospital Clínic - IDIBAPS. CDB & ICMHO, <i>Spain</i> , ² Hospital & Fundació Sant Joan de Déu, <i>Spain</i> , ³ Universitat de Barcelona, <i>Spain</i> , ⁴ Hospital Clínic - Banc de Sang i Teixits, <i>Spain</i>
[P1.048]	A blocking anti-CD73 mAb as a potential tool to overcome adenosine immunosuppression A. Chillemi*, V. Quarona, A. Zito, N. Lo Buono, O. Azzolino, A. Horenstein, F. Malavasi, <i>University of Torino, Italy</i>
[P1.049]	Immunomonitoring of monocyte-derived dendritic cell function reveals break of immune energy after dendritic cell-based vaccination: A case of metastatic type II papillary renal cell carcinoma M.A. Clavijo-Salomon*, A.K. Ferreira, P.C. Bergami-Santos, C.R. Pizzo, J.A.M. Barbuto, <i>University of Sao Paulo, Brazil</i>
[P1.050]	Optimising macrophage phenotype and function for anti-tumour immunity L.N. Dahal* ¹ , A.J. Earley ¹ , S. Murinello ¹ , J.L. Teeling ¹ , P.J. Duriez ² , A.J. Steele ¹ , M.J. Glennie ¹ , S.A. Beers ¹ , M.S. Cragg ¹ , ¹ University of Southampton, <i>UK</i> , ² General Hospital, <i>UK</i>
[P1.051]	FcγRs modulate the anti-tumor activity of antibodies targeting the PD-1/PD-L1 axis R. Dahan*, J.V. Ravetch, <i>The Rockefeller University, USA</i>

[P1.052]	Immunological responses and overall survival in advanced RCC patients treated with naptumomab estafenatox (antibody targeted immunotherapy) and IFN-α E. Elkord* ^{1,2} , D.J. Burt ² , A. Sundstedt ⁴ , O. Nordle ⁴ , G. Hedlund ⁴ , R.E. Hawkins ¹ , ¹ United Arab Emirates University, United Arab Emirates, ² The University of Manchester, UK, ³ University of Salford, UK, ⁴ Active Biotech AB, Sweden
[P1.053]	The role of tumoral vascularization in CTL mediated tumor rejection T. Feferman*, Y. Manaster, G. Shakhbar, <i>The Weizmann Institute of Science, Israel</i>
[P1.054]	HAMLET - an innate protein-lipid complex with broad tumoricidal activity and therapeutic efficacy C. Svanborg*, J. Ho, M. Puthia, <i>Lund University, Sweden</i>
[P1.055]	Strong antitumor response and immunological memory elicited by NKT cell-licensed, tumor antigen captured DCs <i>in situ</i> as a new type of cancer vaccine S. Fujii*, J. Shinga, S. Yamasaki, Y. Sato, T. Iyoda, K. Shimizu, <i>RIKEN, IMS, Japan</i>
[P1.056]	Evaluation of monoclonal antibodies against an oncofetal Tn-antigen for therapeutic potentials N. Yuasa ¹ , H. Sato ¹ , M. Nakata ¹ , Y. Yamaguchi ³ , Y. Fujita-Yamaguchi* ^{1,2} , ¹ Tokai University School of Engineering, Japan, ² Beckman Research Institute of City of Hope, USA, ³ RIKEN Global Research Cluster, Japan
[P1.057]	Delta-24-RGDOX: Targeting OX40/OX40L in brain tumors using oncolytic adenoviruses H. Jiang ¹ , M. Alonso ² , M.B. Hossain ¹ , C. Gomez-Manzano* ¹ , J. Fueyo ¹ , ¹ MD Anderson Cancer Center, USA, ² University of Navarra, Spain
[P1.058]	Therapeutic inhibition of RANKL in breast cancer enhances anti-tumor immunity and reduces the cancer stem cells by inducing lactogenic differentiation P. Pellegrini ¹ , G. Yoldi ¹ , E.M. Trinidad ¹ , A. Cordero ¹ , J. Gomez-Miragaya ¹ , L. Planelles ² , E. Gonzalez-Suarez* ¹ , ¹ IDIBELL, Spain, ² Centro Nacional de Biotecnologia, Spain
[P1.059]	Aberrant MAGEA4 expression in serous endometrial cancer with loss of X chromosome inactivation J. Kang* ¹ , H.J. Lee ¹ , ¹ The Catholic University of Korea, Republic of Korea, ² University of Ulsan College of Medicine, Republic of Korea
[P1.060]	Efficacy and safety of T cells with CEA-specific chimeric antigen receptor for cancer immunotherapy L. Wang ¹ , T. Kato* ¹ , N. Seo ¹ , S. Okamoto ² , Y. Amaishi ² , J. Mineno ² , K. Takesako ² , H. Shiku ¹ , ¹ Mie University Graduate School of Medicine, Japan, ² Takara Bio, Inc., Japan
[P1.061]	Potency of pancreatic adenocarcinoma up-regulated factor as a novel adjuvant protein in dendritic cells vaccine Y-M. Park, T.H. Kang, Y.S. Kim*, <i>Konkuk University, Republic of Korea</i>
[P1.062]	Targeting CD47 with bispecific antibodies as a new immune-potentiating strategy aimed at enhancing innate immunity to fight hematological and solid tumors M. Kosco-Vilbois*, W. Ferlin, Z. Johnson, L. Shang, V. Buatois, F. Rousseau, G. Magistrelli, N. Fischer, K. Masternak, <i>Novimmune SA, Switzerland</i>
[P1.063]	Phenotypic characteristics of NK cell clones obtained with soluble IL-2 and membrane-bound IL-21 stimulation M.A. Streltsova, S.A. Erokhina, L.M. Kanevskiy, E.I. Kovalenko*, <i>Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russia</i>
[P1.064]	Identification of HPV-16 E6 gene variants and its effect on immunotherapeutic regions in Cervical cancer in India A. Kumar* ^{1,4} , S. Hussain ¹ , I.S. Yadav ¹ , L. Gissmann ³ , K. Natarajan ⁴ , B.C. Das ⁵ , M. Bharadwaj ¹ , ¹ Institute of Cytology & Preventive Oncology (ICMR), India, ² Punjab Agricultural University, India, ³ German Cancer Center, Germany, ⁴ Dr. B.R. Ambedkar Center for Biomedical Research, University of Delhi (North Campus), India, ⁵ Amity University, India
[P1.065]	Targeting the immune system to cancer using tumor homing polyinosine-polycytosine Y. Langut*, M. Zigler, N. Edinger, S. Joubran, A. Talhami, S. Klein, A. Shir, <i>The Hebrew University, Israel</i>
[P1.066]	Immunoediting drives a metastatic evolution via nanog/tcl1a/akt signaling axis H.J. Lee*, K.H. Noh, Y.H. Lee, K.H. Song, S.J. Oh, T.W. Kim, <i>Korea University, Republic of Korea</i>
[P1.067]	Computational discovery and experimental validation of novel players in the immuno-oncology arena O.L. Levy*, G.R. Rotman, G.C. Cojocar, Y.B. Benita, L.D. Dassa, T.F. Fridman, I.V. Vaknin, S.S.G. Sameah-Greenwald, I.B. Barbiro, A.M. Machlenkin, <i>Compugen, Israel</i>
[P1.068]	How do PI3K inhibitors affect the anti-tumour immune response? E.L. Lim*, D.R. Soond, K. Okkenhaug, <i>Babraham Institute, UK</i>
[P1.069]	Imaging in cancer immunology: Phenotyping of multiple immune cell subsets in-situ in FFPE tissue sections R.C. Lloyd* ¹ , J.R. Mansfield ¹ , K. Johnson ¹ , C.C. Hoyt ¹ , M. Feldman ² , E.A. Mittendorf ³ , ¹ PerkinElmer, Inc., USA, ² University of Pennsylvania, USA, ³ MD Anderson, USA

[P1.070]	Redistribution, hyperproliferation, activation of natural killer cells and CD8 T cells, and cytokine production during first-in-human clinical trial of recombinant human interleukin-15 in patients with cancer E. Lugli ^{*1,3} , K.C. Conlon ² , M. Roederer ³ , T.A. Waldmann ² , ¹ Humanitas Clinical and Research Center, Italy, ² National Cancer Institute, USA, ³ Vaccine Research Center, USA
[P1.071]	NGF Sensitizes TrkA expressing SH-SY5Y neuroblastoma cells to TRAIL-induced Apoptosis P. Ruggeri, A.R. Farina, L. Cappabianca, L. Gneo, A.R. Mackay*, <i>University of L'Aquila, Italy</i>
[P1.072]	Plasmacytoid dendritic cells are defective in inflammasome-mediated IL-1β secretion T.S.M. Mathan*, K. Worah, G. Bakdash, J. Gloereich, A.E. Sköld, H.J. Wessels, A.J. van Gool, I.J.M. de Vries, C.G. Figdor, S.I. Buschow, <i>Radboud University Nijmegen Medical Centre, The Netherlands</i>
[P1.073]	Neutralizing antibody to macrophage migration inhibitory factor is protective in a mouse model of colorectal cancer (CRC) development K.T. Morris*, R.A. Nofchissey, A.L. Ray, E.F. Castillo, E.J. Beswick, <i>University of New Mexico, USA</i>
[P1.074]	Simultaneous inhibition of Delta-like ligand 4 (DLL4) and Programmed Death 1 (PD1) inhibits tumor growth and enhances long-term immunological memory C.L. Murriel*, M.K. Srivastava, J. Roda, H-B. Jie, F. Axelrod, M-H. Xie, R. Yun, E. Mayes, T. Bentley, B. Cancilla, <i>OncoMed Pharmaceuticals, Inc., USA</i>
[P1.075]	Gain of normoxic HIF-1α renders tumor cells resistant to CTL killing through VEGF-AKT/ERK pathway S.J. Oh*, Y.H. Lee, T.W. Kim, <i>Korea University, Republic of Korea</i>
[P1.076]	B cell lymphoma control and bone marrow aplasia recovery with 2-fluoro-RNA-oligonucleotide CD40 ligands M. Martínez-Soldevilla, H. Villanueva, F. Pastor*, <i>Fundación para la Investigación Médica Aplicada, Spain</i>
[P1.077]	Targeting CD28 costimulation with bi-specific aptamers to cancer stem cells to elicit tumor immunity M. Martínez-Soldevilla, H. Villanueva, N. Casares, J.J. Lasarte, F. Pastor*, <i>Fundación para la Investigación Médica Aplicada, Spain</i>
[P1.078]	Evaluating immune status and response potential of individual stage IV melanoma patients using peripheral blood gene expression signatures L.R. Pease*, S.J. Felts, V.P. Van Keulen, A.D. Scheid, S.N. Markovic, M.S. Block, T. Peikert, Y. Zhang, J. Jen, J.P.A. Kocher, <i>Mayo Clinic, USA</i>
[P1.079]	Batf3 dependent dendritic cells are required for cancer immunotherapy with anti-CD137 and anti-PD-1 immunomodulatory monoclonal antibodies A.R. Sánchez-Paulete ^{*1} , F.J. Cueto-Rodríguez ² , D. Sancho ² , I. Melero ¹ , ¹ Center for Applied Medical Research, Spain, ² National Center for Cardiovascular Research, Spain
[P1.080]	Combination immunotherapy incorporating gp96-Ig vaccination and T cell costimulation with a multi-cassette engineered vector elicits a superior antigen-specific CD8+ T cell response G. Fromm, N.S. Schilling, T.H. Schreiber*, <i>Heat Biologics, Inc., USA</i>
[P1.081]	Dysfunctional myeloid cells as therapeutic target in chronic lymphocytic leukemia B. Hanna ¹ , F. McClanahan ^{1,2} , N. Zaborsky ³ , A. Egle ³ , J.G. Gribben ² , P. Lichter ¹ , M. Seiffert ^{*1} , ¹ German Cancer Research Center, Germany, ² Barts Cancer Institute, UK, ³ Paracelsus Medical University Salzburg, Austria
[P1.082]	Clinical outcome of vaccination with WT1 mRNA-electroporated dendritic cells in acute myeloid leukemia and malignant pleural mesothelioma E.L.J. Smits ^{*1,2} , A. Van de Velde ² , S. Anguille ^{1,2} , Y. Willemen ¹ , K. Saevels ² , P. Germonpré ¹ , M. Huizing ^{1,2} , M. Peeters ^{1,2} , A. Snoeckx ² , V. Van Tendeloo ¹ , ¹ University of Antwerp, Belgium, ² Antwerp University Hospital, Belgium
[P1.083]	Anti-CD20 mAb treatment prevents immune escape by blocking Treg expansion and inducing adaptive anti-tumor immunity through Th1 mobilization C. Deligne ^{1,3} , Q. Riller ^{1,2} , S. Siberil ^{1,2} , J-L. Teillaud ^{*1,3} , ¹ INSERM, France, ² Pierre et Marie Curie University, France, ³ Paris Descartes University, France
[P1.084]	Regulation of the Fcα-receptor by glycogen synthase kinase-3 and protein kinase C ζ during cytokine-mediated inside-out signalling T. ten Broeke*, A. Brandsma, S. Jacobino, H. Honing, D. Kanters, J.E. Bakema, M. Bracke, J.A.M. van der Linden, J.H.W. Leusen, L. Koenderman, <i>University Medical Center Utrecht, The Netherlands</i>
[P1.085]	Vaccine-induced tumor regression requires the cooperation of activated myeloid cells and T cells M. Thoreau ^{*1,2} , H. Leong ⁴ , F. Regnier ^{1,2} , J. Weiss ^{1,2} , L. Johannes ^{5,6} , A. Le Bon ^{1,2} , J-P. Abastado ⁴ , E. Tartour ³ , A. Trautmann ^{1,2} , N. Bercovici ^{1,2} , ¹ Université Paris Descartes, France, ² Ligue Nationale Contre le Cancer, France, ³ Université Paris Descartes, France, ⁴ Singapore Immunology Network, Singapore, ⁵ Institut Curie, France, ⁶ CNRS UMR3666, France
[P1.086]	Humanization of a patient-derived orthotopic xenograft mouse model for the study of immunotherapies for breast cancer R. Vicario*, A. Martínez-Barriocanal, B. Morancho, J. Arribas, <i>Vall d'Hebron Institute of Oncology, Spain</i>

[P1.087]	The chimeric antibody (MV-DN30) inhibits 'ligand-independent' constitutive activation of the MET oncogenic receptor E. Vigna ^{*1,2} , F. Petronzelli ³ , L. Trusolino ^{1,2} , P.M. Comoglio ^{1,2} , ¹ Candiolo Cancer Institute, Italy, ² University of Turin Medical School, Italy, ³ Sigma-tau S.p.A, Italy
[P1.088]	Reed-Sternberg cells ectopically express CD137 and inhibit T cell activation via down-regulation of CD137L expression W.T. Ho ¹ , W.L. Pang ¹ , S.M. Chong ¹ , A. Castella ² , S. Al-Salam ² , N.S. Abdullah ^{*1} , H. Schwarz ¹ , ¹ National University of Singapore, Singapore, ² United Arab Emirates University, United Arab Emirates
[P1.089]	Tumor-associated macrophages promote tumor development through remodeling of its extracellular matrix R. Afik ^{*1} , E. Zigmond ^{2,3} , M. Vugman ^{2,3} , E. Bassat ¹ , A. Shenoy ² , Z. Halpern ³ , M. Pasmanik-Chor ² , T. Geiger ² , I. Sagi ¹ , C. Varol ^{2,3} , ¹ Weizmann Institute of Science, Israel, ² Tel-Aviv University, Israel, ³ Tel-Aviv Sourasky Medical Center, Israel
[P1.090]	S100A9 is expressed in ER- PgR- breast cancers, induces inflammatory cytokines and is associated with a decreased overall survival C. Bergenfelz, A. Gaber, R. Allaoui [*] , M. Mehmeti, K. Jirström, T. Leanderson, K. Leandersson, Lund University, Sweden
[P1.091]	Alterations in host immunity enhance cancer malignancy in obstructive sleep apnea I. Almendros ^{*1} , R. Farre ¹ , D. Gozal ² , ¹ University of Barcelona-IDIBAPS-CIBERES, Spain, ² University of Chicago, USA
[P1.092]	Distinct alterations in myeloid cell subpopulations underlie enhancement of tumor growth in high fat diet-induced obesity B.K. al-Ramadi [*] , S. Kaimala, Y.A. Mohamed, A. Al-Sbiei, M.J. Fernandez-Cabezudo, UAE University, United Arab Emirates
[P1.093]	UNG deficient BALB/c mice does not develop hyperplasia or B cell lymphomas L. Alsøe ^{*1,2} , A.B. Wennerström ¹ , T. SenGupta ^{1,2} , H. Nilsen ^{1,2} , ¹ Akershus University Hospital, Norway, ² University of Oslo, Norway
[P1.094]	The extracellular matrix protein EMILIN2 as a regulator of the myeloid response in the tumor inflammatory microenvironment during colon cancer development E. Andreuzzi ^{*1} , G. Tarticchio ¹ , A. Paulitti ¹ , S. Marastoni ¹ , R. Colladel ¹ , F. Todaro ¹ , R. Pellicani ² , E. Di Carlo ¹ , A. Colombatti ¹ , M. Mongiat ¹ , ¹ National Cancer Institute CRO-IRCCS Aviano, Italy, ² University of Chieti-Pescara, Italy
[P1.095]	Scavenger protein CD5L mediates liver cancer cell proliferation and migration G. Aran ^{*1} , L. Sanjurjo ¹ , M. Simon ² , I. Ojanguren ³ , R. Planas ⁸ , M. Sala ^{8,9} , C. Armengol ¹ , M-R. Sarrias ¹ , ¹ Innate Immunity Group, Spain, ² Childhood Liver Oncology Group, Spain, ³ HUGTiP, Spain, ⁴ H Trueta, Spain, ⁵ HU, Spain, ⁶ CS Parc Taulí, Spain, ⁷ Hospital del Mar, Spain, ⁸ HUGTiP, Spain, ⁹ CIBERehd, Spain
[P1.096]	Microenvironment initiation and regulation by tumour associated MUC1 via Siglec-9 engagement R. Beatson ^{*1} , V. Tajadura ¹ , G. Picco ¹ , S. Klausung ² , T. Tsourouktsoglou ¹ , T. Noll ² , J. Taylor-Papadimitriou ¹ , J.M. Burchell ¹ , ¹ King's College London, UK, ² University of Bielefeld, Germany
[P1.097]	Tumor promotion and suppression in a single mouse model: Tumor development in PPM1A-deficient mice H. Ben-Dov ^{*1} , A. Genzelinakh ¹ , L. Backal ¹ , D. Ben-Meir ¹ , G. Weingarten ¹ , E. Wertheimer ¹ , A. Barzilai ² , S. Lavi ¹ , ¹ Tel-Aviv University, Israel, ² Sheba Medical Center, Israel
[P1.098]	The atypical chemokine receptor ACKR2 promotes breast cancer lung metastatization through modulation of the metastatic niche B. Savino ^{1,2} , N. Caronni ^{1,2} , O. Bonavita ^{1,2} , M. Massara ^{1,2} , A. Mantovani ^{1,3} , M. Locati ^{1,2} , R. Bonecchi ^{*1,3} , ¹ Humanitas Clinical and Research Center, Italy, ² Università degli Studi di Milano, Italy, ³ Humanitas University, Italy
[P1.099]	Investigating the role of a novel type I interferon, interferon epsilon (IFNε), in cancers of the female reproductive tract (FRT) N.M. Bourke ^{*1} , N.E. Mangan ¹ , K.Y. Fung ¹ , H. Cumming ¹ , Z. Marks ¹ , A.N. Stephens ¹ , E.L. Christie ² , D.D. Bowtell ² , P.J. Hertzog ¹ , ¹ MIMR-PHI Institute of Medical Research, Australia, ² Peter MacCallum Cancer Centre, Australia
[P1.100]	Modulation of colorectal cancer tumorigenesis by KHSRP through the tumor microenvironment F. Caiazza ^{*1,2} , R. Power ¹ , L. Elliott ^{1,2} , M. Tosetto ² , B. Nolan ² , G. Doherty ^{1,2} , E.J. Ryan ^{1,2} , ¹ University College Dublin, Ireland, ² Saint Vincents Hospital, Ireland
[P1.101]	Abrogation of EMILIN1 gC1q-α₄β₁ integrin interaction affects intestinal inflammation and carcinogenesis in experimental colitis A. Capuano ^{*1} , G. Sartori ¹ , M.T. Mucignat ¹ , F. Bucciotti ¹ , M. Mongiat ¹ , E. Andreuzzi ¹ , A. Colombatti ^{1,2} , R. Doliana ¹ , ¹ National Cancer Institute, Italy, ² University of Udine, Italy

[P1.102]	SUMO-specific protease 1 is a determinant for IFN-g-induced macrophage polarization Y.T.T. Yu ¹ , Z.Y. Zuo ¹ , S.L. Shen ¹ , Z.C.X. Zhang ² , C.Y.E. Chin ² , L.D.D. Li ¹ , C.R. Cai ¹ , Z.Z.N. Zhang ¹ , X.N.S. Xia ¹ , C.J.K. Cheng ^{*1} , ¹ Shanghai Jiao Tong University School of Medicine, China, ² Chinese Academy of Sciences, China
[P1.103]	The role of nuclear RNA export Factor (NXF2) in regulating motility and growth of hepatocellular carcinoma cells C.C. Chiu ^{*1,3} , C.Y. Yuo ¹ , K.T. Yeh ² , Y.S. Chang ^{4,5} , S.Y. Hung ^{4,5} , Y.L. Chang ^{1,3} , H.L. Chou ^{1,6} , J.G. Chang ^{4,5} , ¹ Kaohsiung Medical University, Taiwan, ² Changhua Christian Hospital, Taiwan, ³ Kaohsiung Medical University Hospital, Kaohsiung, Taiwan, ⁴ China Medical University, Taiwan, ⁵ China Medical University Hospital, Taiwan, ⁶ National Sun Yat-sen University, Taiwan
[P1.104]	The function of cancer-shed gangliosides on the tumor-associated macrophage phenotype H.J. Choi, T.W. Chung*, M.J. Park, K.T. Ha, <i>Pusan National University, Republic of Korea</i>
[P1.105]	Role of inflammatory stroma in human prostate tumour metastasis M. Lakins, N. Maitland, M. Coles*, <i>University of York, UK</i>
[P1.106]	Mutant p53 reprograms TNF signaling in cancer cells through interaction with the tumor suppressor DAB2IP A. Bellazzo ^{1,2} , G. Di Minin ⁶ , M. Dal Ferro ² , G. Chiaruttini ³ , S. Nuzzo ⁴ , S. Bicciato ⁴ , D. Rami ¹ , R. Bulla ¹ , R. Sommaggio ⁵ , L. Collavin ^{*1,2} , ¹ University of Trieste, Italy, ² Laboratorio Nazionale CIB (LNCIB), Italy, ³ International Centre for Genetic Engineering and Biotechnology (ICGEB), Italy, ⁴ Università di Modena e Reggio Emilia, Italy, ⁵ Università di Padova, Italy, ⁶ Swiss Federal Institute of Technology ETH, Switzerland
[P1.107]	Macrophage derived IGF enhances chemoresistance in cancer A. Santos ¹ , A. Linford ¹ , S. Nielsen ¹ , L. Ireland ¹ , F. Campbell ¹ , J. Neoptolemos ¹ , M. Schmid ¹ , A. Mielgo ^{*1} , C. Rainer ¹ , S. Coupland ¹ , ¹ University of Liverpool, UK, ² Cold Spring Harbor Laboratory, USA
[P1.108]	The gut microbiome modulates colorectal cancer infiltration by beneficial immune cells E. Cremonesi ^{*1} , F. Amicarella ¹ , E. Padovan ¹ , M.G. Muraro ¹ , V. Mele ¹ , P. Zajac ¹ , D. Oertli ² , J.G. Garzón ³ , L. Borsig ³ , G. Iezzi ¹ , ¹ University of Basel, Switzerland, ² University Hospital Basel, Switzerland, ³ University of Zürich, Switzerland
[P1.109]	A characterization of the stromal cell heterogeneity in the spontaneous murine PyMT-MMTV model of breast cancer T. de Koning ^{*1} , J.M. Burchell ¹ , S.S. Diebold ² , J.N. Arnold ¹ , ¹ King's College London, UK, ² National Institute for Biological Standards and Control, UK
[P1.110]	A kunitz-type inhibitor shows high tumor affinity and induces tumor microenvironment modulation in a renal orthotopic model J.G. de Souza ^{*1,2} , F.V. Pereira ² , P. Bouffleur ^{1,2} , M.T. Amano ² , C.S. Origassa ² , K.L.P. Morais ¹ , J.M. Sciani ¹ , N.O.S. Câmara ² , A.M. Chudzinski-Tavassi ¹ , ¹ Butantan Institute, Brazil, ² Federal University of São Paulo, Brazil
[P1.111]	Tertiary lymphoid structure-associated B cells are key players in anti-tumor immunity C. Germain ^{1,2} , S. Gnjatic ^{3,4} , S. Knockaert ^{1,2} , R. Remark ^{1,2} , D. Damotte ^{1,5} , P. Validire ^{1,6} , W.H. Fridman ^{1,2} , C. Sautes-Fridman ^{1,2} , M-C. Dieu-Nosjean ^{*1,2} , ¹ UMRS1138 INSERM - Cordeliers Research Center, France, ² University Pierre and Marie Curie, France, ³ The Tisch Cancer Institute at Hess CSM, USA, ⁴ Memorial Sloan-Kettering Cancer Center, USA, ⁵ Cochin Hospital, France, ⁶ Institut Mutualiste Montsouris, France
[P1.112]	Targeting cancer associated fibroblasts in pancreatic ductal adenocarcinoma: Identification and characterization of therapeutic candidates M. Djurec ^{*1} , O. Grana ¹ , D. Pisano ¹ , R. Rabadan ² , C. Guerra ¹ , M. Barbacid ¹ , ¹ Spanish National Cancer Research Center, Spain, ² Columbia University College of Physicians and Surgeons, USA
[P1.113]	MPGES-1 controls prostate tumor progression and amplifies the EGFR-driven oncogenicity F. Finetti, E. Terzuoli, L. Bazzani, M. Ziche, S. Donnini*, <i>University of Siena, Italy</i>
[P1.114]	Role of STAT1 and CXCR3 in T cell mediated anti-tumor response K. Csanaky, P. Tymoszek, W. Doppler*, <i>Innsbruck Medical University, Austria</i>
[P1.115]	Comparison of the immunosuppressive microenvironment in human breast cancer, melanoma and ovarian cancer M. Duechler ^{*1} , L. Peczek ¹ , K. Zuk ¹ , P. Pluta ² , I. Zalesna ² , D. Nejc ² , A. Jeziorski ² , M. Szubert ² , J. Suzin ² , M. Czyz ² , ¹ Polish Academy of Sciences, Poland, ² Medical University of Lodz, Poland
[P1.116]	A novel in vivo model of cellular invasion allows optically and genetically accessible investigations of macrophage and invasive cell-cell interactions Z. Einhorn*, M. Pack, <i>University of Pennsylvania, USA</i>
[P1.117]	IP-10 is an important chemokine secreted by tumor infiltrating lymphocytes and is an independent prognostic factor in triple-negative breast cancer patients D. Elias*, K. Kupisiewicz, K. Jacobsen, M. Bak, H. Ditzel, <i>University of Southern Denmark, Denmark</i>

[P1.118]	Colorectal tumours are highly infiltrated with two distinct populations of myeloid cells L.A. Elliott ^{*1,2} , K. Sheahan ^{1,2} , G.A. Doherty ^{1,2} , E.J. Ryan ^{1,2} , ¹ University College Dublin, Ireland, ² St. Vincent's University Hospital, Ireland
[P1.119]	Role of CXCR4 in the esophageal tumor microenvironment H-Y. Fang*, M. Schauer, N. Stephens, S. Stangl, G. Multhoff, M. Schottelius, H-J. Wester, M. Quante, <i>Technische Universität München, Germany</i>
[P1.120]	Inhibition of indoleamine 2,3-dioxygenase (IDO) diminishes VEGF-A expression in hypoxic T24 human bladder cancer (BC) cells J.M. Ferreira*, R.B.O. Brito, C.S. Malta, C.S. Silva, J.M.S. Cesário, G.G.C. Rodrigues, A.C. Santana, A.K. Vidsiunas, H. Dellê, <i>Universidade Nove de Julho - UNINOVE, Brazil</i>
[P1.121]	Inhibition of Indoleamine 2,3 dioxygenase (IDO) with TGF-beta1 induces epithelial-mesenchymal transition (EMT) in human bladder carcinoma cell R.B.O. Brito, J.M. Ferreira*, C.S. Malta, C.S. Silva, C.M. França, H. Dellê, <i>Universidade Nove de Julho - UNINOVE, Brazil</i>
[P1.122]	Ectopic lymphoid structures as microniches for tumor progenitor cells S. Finkin ^{*1,2} , D. Yuan ³ , I. Stein ^{1,2} , K. Taniguchi ⁴ , A. Weber ¹ , K. Rajewsky ⁹ , M. Karin ⁴ , M. Heikenwalder ^{3,5} , Y. Ben-Neriah ¹ , E. Pikarsky ^{1,2} , ¹ Hebrew University Hadassah Medical School, Israel, ² Hadassah Hebrew University Medical Center, Israel, ³ Technische Universität München, Germany, ⁴ University of California, USA, ⁵ University Hospital Zurich, Switzerland, ⁶ Helmholtz Zentrum München, Germany, ⁷ Biogen Idec, USA, ⁸ Icahn School of Medicine at Mount Sinai, USA, ⁹ Max Delbrück Center for Molecular Medicine, Germany
[P1.123]	Investigation of the role of regulatory lymphocytes in tissue repair processes occurring during colorectal cancer F. Franchini*, N. West, D. Royston, F. Powrie, <i>University of Oxford, UK</i>
[P1.124]	The t-cell immune landscape predicts clinical outcome in neuroblastoma D. Fruci ^{*1} , M. Mina ² , R. Boldrini ¹ , A. Citti ¹ , P. Romania ¹ , V. D'Alicandro ¹ , M. De Ioris ¹ , A. Castellano ¹ , C. Furlanello ² , F. Locatelli ¹ , ¹ Ospedale Pediatrico Bambino Gesù, Italy, ² Fondazione Bruno Kessler, Italy
[P1.125]	Bcl-xL protein overexpression enhances tumor progression of human melanoma cells in zebrafish xenograft model: Involvement of interleukin 8 C. Gabellini ^{*1,2} , E. Gómez-Abenza ^{1,2} , S. de Oliveira ^{1,3} , D. Del Bufalo ⁴ , V. Mulero ^{1,2} , ¹ University of Murcia, Spain, ² Instituto Murciano de Investigación Biosanitaria (IMIB), Spain, ³ University of Lisbon, Portugal, ⁴ Regina Elena National Cancer Institute, Italy
[P1.126]	Elf5-forced lactation induces lung metastasis in the MMTV-PyMT mouse mammary tumour model D. Gallego-Ortega*, A. Ledger, D. Roden, S. Allerdice, H.J. Lee, F. Valdes-Mora, A.I.J. Young, B.Y. Lee, W. Kaplan, R. Salomon, <i>Garvan Institute of Medical Research, Australia</i>
[P1.127]	Tumor high endothelial venules (HEVs), specialized blood vessels which recruit lymphocytes to limit tumor progression R. Laffont ^{1,2} , F. Lafouresse ^{1,2} , J-P. Girard ^{*1,2} , ¹ CNRS, France, ² University of Toulouse, France
[P1.128]	CSFR1-guided macrophage ablation preferentially targets M2 populations and jeopardizes glioma growth K. Gabrusiewicz ¹ , N. Cortes-Santiago ¹ , M.B. Hossain ¹ , X. Fan ¹ , B. Kaminska ² , F.C. Marini ³ , J. Fueyo ¹ , C. Gomez-Manzano ^{*1} , ¹ MD Anderson Cancer Center, USA, ² Nencki Institute of Experimental Biology, Poland, ³ Wake Forest University, USA
[P1.129]	The impact of the tumour microenvironment on prognostically relevant MPO+ myeloid cells infiltrating human Colorectal Cancer V. Governà*, V. Mele, C. Hirt, R. Droesser, D. Oertli, L. Terracciano, G. Iezzi, N. Khanna, G.C. Spagnoli, E. Padovan, <i>Basel University Hospital, Switzerland</i>
[P1.130]	Mice exposed to higher levels of sensory, motor, social and cognitive stimuli exhibit increased resistance to metastasis M. Guyot*, M. Canali, E. Murriss, D. Daoudlarian, P. Blancou, E. Mougneau, N. Glaichenhaus, <i>Institut de Pharmacologie Moléculaire et Cellulaire, France</i>
[P1.131]	Receptor interacting serine/threonine protein kinase 3 (RIPK3) affects tumor progression and invasion independent of the necroptotic function K. Hänggi ^{*1} , J. Knop ¹ , L. Vasilikos ¹ , T. Misra ¹ , J. Bertin ² , P.J. Gough ² , W.W. Wong ¹ , ¹ University of Zurich, Switzerland, ² GlaxoSmithKline, USA
[P1.132]	TRAIL induces secretion of tumour-supportive factors by cancer cells T. Hartwig*, A. Montinaro, A. Sevko, S. von Karstedt, E. Lafont, P. Draber, L. Taraborrelli, H. Walczak, <i>University College London, UK</i>

[P1.133]	Cancer-Associated Fibroblasts from lung tumors maintain their immuno-suppressive abilities after high-dose irradiation T. Hellevik* ¹ , L. Gorchs ² , J.A. Bruun ² , K.A. Camilio ² , S. Al-Saad ^{1,2} , T.B. Stuge ² , I. Martinez-Zubiaurre ¹ , ¹ University Hospital of Northern Norway, Norway, ² University of Tromsø, Norway
[P1.134]	Neutrophil infiltration is essential for the efficient formation of breast cancer liver metastases B.H. Hsu* ¹ , S.T. Tabariès ¹ , V.O. Ouellet ² , M.G.A. Annis ¹ , A.A.R. Rose ¹ , L.M. Meunier ² , E.C. Carmona ² , C.E.T. Tam ¹ , A.M.M.M. Mes-Masson ² , P.M.S. Siegel ¹ , ¹ Goodman Cancer Research Center, Canada, ² Université de Montréal (CR-CHUM)/Institut du Cancer de Montréal, Canada
[P1.135]	BDCA3^{high} dendritic cells infiltrate breast and ovarian tumors but are functionally altered M. Hubert* ¹ , V. Ollion ¹ , A-C. Doffin ¹ , E. Verronese ² , I. Durand ¹ , C. Caux ¹ , J. Valladeau-Guilemond ¹ , ¹ Université Lyon, France, ² Centre Léon Bérard, France

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[P2.001]	Clinical significance and functional role of neutrophils in colorectal cancer M.R. Galdiero, F. Grizzi, G. Di Caro, A. Ponzetta, L. Laghi, C. Garlanda, A. Mantovani, S. Jaillon*, <i>Humanitas Clinical and Research Center, Italy</i>
[P2.002]	Exhausted CD4⁺T cells regulated by CD4⁺Foxp3⁺Helios⁺Treg cells contribute to the tumorigenesis of Lewis Lung Cancer W. Jinyan Wang* ¹ , W. Yizheng Wang ² , A. Ayinla Abdulquadri Yeketi ¹ , W. Yunlin Wang ¹ , L. Changlong Lyu ¹ , ¹ China Medical University, China, ² Shenyang Medical College, China
[P2.003]	Lcn-2 production in tumor-associated macrophages as a novel marker of pro-tumorigenic activation M. Jung*, B. Ören, J. Mora, B. Brüne, <i>Goethe-University Frankfurt, Germany</i>
[P2.004]	Tobacco smoke induced loss of pulmonary integrity allows translocation of bacterial factors into tumor tissue resulting in increased growth of lung metastasis C. Jungnickel*, B. Wonenberg, O. Karabiber, A. Kamyschnikow, A. Honecker, R. Bals, C. Beisswenger, <i>Saarland University, Germany</i>
[P2.005]	CCL2 promotes breast cancer metastasis via activation of the $\gamma\delta$ T cell - IL17 - neutrophil axis K. Kersten* ¹ , S.B. Coffelt ¹ , N.J. Versteegen ¹ , K. Vrijland ¹ , M. Ciampricotti ¹ , C.W. Doornebal ¹ , C-S. Hau ¹ , P. Doshi ^{1,2} , K.E. de Visser ¹ , ¹ Netherlands Cancer Institute, The Netherlands, ² Janssen Research & Development, USA
[P2.006]	Pancreatic Adenocarcinoma Up-regulated Factor (PAUF) regulates biological property of Myeloid Derived Suppressor Cells in pancreatic cancer S.H. Kim*, J.H. Song, <i>Korea Research Institute of Bioscience & Biotechnology, Republic of Korea</i>
[P2.007]	Retinoid X Receptor inhibits metastasis-promoting activity of myeloid cells M. Kiss* ¹ , Z. Czimmerer ¹ , A. Pap ¹ , P. Boto ¹ , I. Szatmari ¹ , L. Nagy ^{1,2} , ¹ University of Debrecen, Hungary, ² Sanford-Burnham Medical Research Institute at Lake Nona, USA
[P2.008]	Systemic immune priming via tumor-secreted cytokines facilitates breast cancer metastasis in syngeneic mouse model H. Korkaya*, E. Lee, M. Ouzounova, A. El-Andaloussi, R. Piranlioglu, M.F. Demirci, <i>Georgia Regents University, USA</i>
[P2.009]	Deregulated Myc induces evasion from immune surveillance R.M. Kortlever* ^{1,2} , N.M. Sodikin ^{1,2} , C.H. Wilson ¹ , D.L. Burkhardt ¹ , M.J. Arends ³ , L. Brown-Swigart ² , T.D. Littlewood ¹ , G.I. Evan ^{1,2} , ¹ University of Cambridge, UK, ² University of California San Francisco, USA, ³ University of Edinburgh, UK
[P2.010]	Intra-tumoral Th1 immunity shapes response to therapy in high-grade serous epithelial ovarian cancer M.K. Koti* ¹ , A.S. Siu ¹ , I.C. Clément ⁴ , M.B. Bidarimath ¹ , G.T. Turashvili ² , A.E. Edwards ¹ , K.R. Rahimi ⁵ , A.M. Mes Masson ⁴ , J.S. Squire ¹ , ¹ Queen's University, Canada, ² Kingston General Hospital, Canada, ³ Faculdade de Medicina de Ribeirão Preto - USP, Brazil, ⁴ Universite de Montreal, Canada, ⁵ Université de Montréal, Canada
[P2.011]	PTEN-deficiency in myeloid cells alters tumor immune surveillance in a murine model of inflammation driven colon cancer M. Kuttke* ¹ , E. Sahin ¹ , J. Pisoni ¹ , D. Kraemmer ¹ , L. Hanzl ¹ , A. Dohnal ² , B. Hoesl ¹ , J. Schmid ¹ , G. Schabbauer ¹ , ¹ Medical University of Vienna, Austria, ² CCRI - Children's Cancer Research Institute, Austria
[P2.012]	Factors produced by aggressive breast cancer cells dictate their interactions with mesenchymal stem cells through chemokine production C. Bouclier ¹ , P. Escobar ² , F. Molina ¹ , C. Jorgensen ² , G. Lazennec* ¹ , ¹ CNRS, France, ² INSERM, France

[P2.013]	Chronic stress remodels tumor lymphatic vasculature to promote metastatic dissemination C.P. Le ^{*1} , C.J. Nowell ¹ , C. Kim-Fuchs ^{1,7} , J.G. Hiller ³ , H. Ismail ³ , E. Botteri ⁴ , M.P. Pimentel ¹ , M.G. Chai ¹ , T. Karnezis ^{3,5} , N. Rotmensz ⁴ , ¹ Monash University, Australia, ² University of California Los Angeles, USA, ³ Peter MacCallum Cancer Centre, Australia, ⁴ European Institute of Oncology, Italy, ⁵ The University of Melbourne, Australia, ⁶ QIMR Berghofer Medical Research Institute, Australia, ⁷ University Hospital Bern, Switzerland
[P2.014]	Translationally Controlled Tumor Protein induces epithelial to mesenchymal transition and promotes cell migration, invasion and metastasis S.Y. Bae, H.J. Kim, K.J. Lee, K. Lee*, <i>Ewha Womans University, Republic of Korea</i>
[P2.015]	RelA blocks pancreatic carcinogenesis by mediating oncogene-induced senescence and immune surveillance of premalignant cells M. Lesina ^{*1} , S. Wörmann ¹ , K.N. Diakopoulos ¹ , J. Sperveslage ² , R.M. Schmid ¹ , H. Algül ¹ , ¹ Technische Universität München, Germany, ² Universitätsklinikum Tübingen, Germany
[P2.016]	Cancer-associated fibroblasts support tumour growth in nasopharyngeal carcinoma W. Lin*, Y.L. Yip, S.W. Tsao, <i>The University of Hong Kong, Hong Kong</i>
[P2.017]	Macrophages orchestrate early metastatic dissemination of pre-malignant ErbB2+ mammary epithelial cells N. Linde*, M.S. Sosa, M. Merad, J.A. Aguirre-Ghiso, <i>Mount Sinai School of Medicine, USA</i>
[P2.018]	Characterization of immune infiltrate from B7H4-expressing ovarian tumors H.L. MacGregor ^{*1,2} , C. Robert-Tissot ¹ , S.Q. Crome ¹ , L.T. Nguyen ¹ , P.S. Ohashi ^{1,2} , ¹ Ontario Cancer Institute, Canada, ² University of Toronto, Canada
[P2.019]	Mice c57bl/6n more resistant to Ehrlich carcinoma, compared to mice c57bl/6j: Role of macrophage nitric oxide I. Malyshev*, S.V. Lyamina, S.V. Kalish, <i>Moscow State University of Medicine and Dentistry, Russia</i>
[P2.020]	Galectin-1 is important on the structural preservation of mast cell V. Mazucato*, J. Rosa, L. da Silva, M.C. Jamur, C. Oliver, <i>University of São Paulo, Brazil</i>
[P2.021]	IL-22 signaling and KRAS mutation synergize to promote malignancy and poor prognosis in colorectal cancer S. McCuaig ^{*1} , N.R. West ¹ , D. Barras ² , M. Delorenzi ² , S. Tejpar ³ , T. Maughan ¹ , F. Powrie ¹ , ¹ University of Oxford, UK, ² University of Lausanne, Switzerland, ³ KU Leuven, Belgium
[P2.022]	The clinical utility of the modified Glasgow Prognostic Score in patients undergoing potentially curative colorectal cancer resection J.H. Park, C.S. Roxburgh, P.G. Horgan, D.C. McMillan*, <i>University of Glasgow, UK</i>
[P2.023]	Expression of functional TLR4 in ER/PR-negative breast cancer M. Mehmeti*, K. Leandersson, <i>Lund University, Sweden</i>
[P2.024]	Sphingolipid machinery-associated breakpoints in ovarian cancer: Survival prediction and beyond A. Meshcheryakova*, M. Svoboda, G. Heinze, E. Bajna, D. Pils, D. Cacsire Castillo-Tong, P. Birner, R. Zeillinger, D. Mechtcheriakova, <i>Medical University of Vienna, Austria</i>
[P2.025]	The impact of combined CDK9 inhibition and TRAIL treatment on NSCLC and its microenvironment A. Montinaro ^{*1} , S. von Karstedt ¹ , J. Lemke ¹ , A. Conti ^{1,2} , T. Hartwig ¹ , L. Taraborelli ¹ , S. Surinova ¹ , H. Walczak ¹ , ¹ University College London, UK, ² Fondazione IRCCS Istituto Nazionale dei Tumori, Italy
[P2.026]	Crucial involvement of CCL4 and CCR5 interaction in bone metastasis process of a murine breast cancer cell line N. Mukaida*, S. Sasaki, T. Baba, <i>Kanazawa University, Japan</i>
[P2.027]	Melanoma cells respond rapidly to CTL attack N.J. Neubert ^{*1} , S.A. Fuertes Marraco ¹ , P. Baumgaertner ¹ , C. Sonesson ² , M. Delorenzi ^{1,2} , D.E. Speiser ¹ , ¹ University of Lausanne, Switzerland, ² SIB Swiss Institute of Bioinformatics, Switzerland
[P2.028]	Human p53 binds and uniquely influences expression of immune response genes in primary T-lymphocytes T-A. Nguyen*, D. Menendez, S.A. Grimm, P.R. Bushel, J.M. Freudenberg, R. Jothi, D.C. Fargo, M.A. Resnick, <i>National Institute of Environmental Health Sciences/National Institutes of Health, USA</i>
[P2.029]	PDLIM2 in regulation of macrophage pro-tumor activity E. Tresse, O.T. Cox, C. O'Flanagan, S. Edmunds, M. Coleman, R. O'Connor*, <i>University College Cork, Ireland</i>
[P2.030]	Macrophage-derived Lcn-2 promotes breast cancer metastasis B. Ören, M. Jung*, B. Brüne, <i>Goethe-University Frankfurt, Germany</i>
[P2.031]	A novel tumor-microenvironment-based prognostic score in patients with primary operable colorectal cancer J.H. Park*, D.C. McMillan, J. Edwards, P.G. Horgan, C.S. Roxburgh, <i>University of Glasgow, UK</i>
[P2.032]	Interleukin-33 promotes tumor growth and liver metastasis of colorectal cancer (CRC) Y. Zhang, C. Davis, M.M. Pena*, <i>University of South Carolina, USA</i>

[P2.033]	PPARγ as a regulator of melanoma-stomal cell interactions C. Pich*, P. Meylan, L. Michalik, <i>University of Lausanne, Switzerland</i>
[P2.034]	Macrophages modulate migration and invasion of human tongue squamous cell carcinoma E. Pirila* ¹ , O. Vayrynen ¹ , E. Sundquist ¹ , K. Päkikilä ¹ , P. Pesonen ¹ , D. Dayan ² , M. Vered ² , L. Uhlin-Hansen ³ , T. Salo ¹ , ¹ <i>University of Oulu, Finland</i> , ² <i>Tel Aviv University, Israel</i> , ³ <i>University of Tromso, Norway</i>
[P2.035]	APRIL promotes breast tumor growth and metastasis and is associated with aggressive basal breast cancer A. García-Castro ¹ , M. Zonca ¹ , D. Florindo-Pinheiro ¹ , C.E. Carvalho Pinto ¹ , A. Cordero ² , E. Gonzalez-Suarez ² , L. Planelles* ¹ , ¹ <i>CNB-CSIC, Spain</i> , ² <i>IDIBELL, Spain</i>
[P2.036]	Role of neutrophils in cancer-related inflammation: A genetic approach A. Ponzetta*, M.R. Galdiero, M. Barbagallo, S. Gentile, M. Molgora, E. Bonavita, C. Garlanda, A. Mantovani, S. Jaillon, <i>Humanitas Clinical and Research Center, Italy</i>
[P2.037]	The manufacture of tolerance in the human multiple myeloma niche V. Quarona* ¹ , A.L. Horenstein ¹ , A. Chillemi ¹ , V. Ferri ^{2,3} , M. Bolzoni ³ , F. Morandi ⁴ , D. Marimpietri ⁴ , V. Pistoia ⁴ , N. Giuliani ³ , F. Malavasi ¹ , ¹ <i>University of Torino, Italy</i> , ² <i>University of Insubria, Italy</i> , ³ <i>University of Parma, Italy</i> , ⁴ <i>University of Genova, Italy</i>
[P2.038]	Identifying stromal adaptations in tumour draining lymph nodes A. Riedel*, M. Lakins, J. Shields, <i>University of Cambridge, UK</i>
[P2.039]	M2 phenotype polarization of microglia and infiltrating macrophages within tumor microenvironments of glioblastoma multiforme E. Saavedra-López* ¹ , A. Pérez-Vallés ² , J.M. Gallego-Sánchez ² , C. Barcia Sr ² , C. Barcia Jr ¹ , ¹ <i>Universitat Autònoma de Barcelona, Spain</i> , ² <i>Hospital General Universitari de València, Spain</i>
[P2.040]	Inhibition of cell proliferation and increased- apoptosis of cancer cells following siRNA-mediated down-regulation of VEGFR1 I. Sadeghi Dehcheshmeh*, M. Sadeghizadeh, <i>Tarbiat Modares University, Iran</i>
[P2.041]	Mismatch repair genes deficiency enhances immune surveillance mechanisms in colorectal cancer M. Scarpa* ¹ , C. Ruffolo ² , F. Canal ² , M. Scarpa ¹ , S. Basato ³ , F. Erroi ³ , A. Fiorot ² , A. Pozza ² , A. Porzionato ³ , I. Castagliuolo ³ , ¹ <i>Veneto Institute of Oncology, Italy</i> , ² <i>Ospedale "Ca' Foncello", Italy</i> , ³ <i>University of Padova, Italy</i>
[P2.042]	Inflammatory monocytes enhance pancreatic metastasis by engaging myofibroblasts at the metastatic site S.R. Nielsen ¹ , A. O'Donnell ¹ , P. Emeagi ¹ , D. Engel ³ , J.P. Neoptolemos ¹ , D. Palmer ¹ , J.H. Ko ² , D. Tuveson ³ , A. Mielgo ¹ , M.C. Schmid* ¹ , ¹ <i>University of Liverpool, UK</i> , ² <i>Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</i> , ³ <i>Cold Spring Harbor Laboratory, USA</i>
[P2.043]	Cross-talk between prolactin and the DNA damage response leads to an immune infiltrating SASP O. Karayazi-Atici, A. Urbanska, C.S. Shemanko*, <i>University of Calgary, Canada</i>
[P2.044]	Inflammation induced cell motility in a transmissible tumour, devil facial tumour disease H.V. Siddle* ¹ , A. Ramos ¹ , J. Kaufman ² , ¹ <i>University of Southampton, UK</i> , ² <i>University of Cambridge, UK</i>
[P2.045]	Glut1 expression on myeloid cells in pancreatic ductal adenocarcinoma J.L. Sieow* ^{1,2} , H.L. Penny ¹ , B. Janela ¹ , F. Ginhoux ¹ , S.C. Wong ¹ , ¹ <i>Agency for Science, Technology and Research (A*STAR), Singapore</i> , ² <i>Nanyang Technological University, Singapore</i>
[P2.046]	PAF-like molecules generated by radiotherapy protect cervical tumor cells from death I.A. Silva-Junior*, A.P. Lepique, S. Jancar, <i>University of São Paulo, Brazil</i>
[P2.047]	NF-kappaB involvement in CLL pathogenesis V. Soberon* ¹ , Y. Sasaki ² , M. Schmidt-Supprian ¹ , ¹ <i>Technische Universität München, Germany</i> , ² <i>Kyoto University, Japan</i>
[P2.048]	Mast cell proteases 6 and 7 show differential effects on endothelial cells in the induction of tube formation and the release of angiogenic factors D.A. Souza Junior*, A.C. Santana, A.C. Borges, C. Oliver, M.C. Jamur, <i>Ribeirão Preto Medical School, Brazil</i>
[P2.049]	The role of b cells in pancreatic ductal adenocarcinoma S. Spear*, M. Capasso, <i>Barts Cancer Institute, UK</i>
[P2.050]	Signal cross-talk of hedgehog/gli and interleukin-6/stat3 in basal cell carcinoma C. Sternberg* ¹ , M. Eberl ^{1,2} , W. Gruber ¹ , M. Stadler ¹ , S. Kaur ¹ , M. Schleiderer ³ , P. Petzelbauer ⁴ , R. Moriggl ³ , L. Kenner ³ , F. Aberger ¹ , ¹ <i>University of Salzburg, Austria</i> , ² <i>University of Michigan, USA</i> , ³ <i>Ludwig Boltzmann Institute for Cancer Research, Austria</i> , ⁴ <i>Medical University of Vienna, Austria</i>
[P2.051]	A novel subset of fibroblasts mediate resistance to neoadjuvant chemotherapy in breast cancer S-C. Su*, J-N. Chen, Q-Y. Zhao, Q. Liu, H-R. Yao, E-W. Song, <i>Sun Yat-sen University, China</i>
[P2.052]	MK2 as a novel modulator of the tumor microenvironment in lung tumorigenesis L. Suarez-Lopez* ¹ , S. Morandell ¹ , Y. Hernandez ¹ , J. Kim ¹ , C. Engblom ² , C. Pfirschke ² , M. Pittet ¹ , M.B. Yaffe ¹ , ¹ <i>Massachusetts Institute of Technology, USA</i> , ² <i>Massachusetts General Hospital/Harvard Medical School, USA</i>

[P2.053]	Human mucosa-associated invariant T (MAIT) cells accumulate in colon adenocarcinomas, but produce reduced amounts of IFN-gamma P. Sundström ^{*1} , F. Ahlmanner ¹ , P. Akéus ¹ , M. Sundquist ¹ , L. Börjesson ¹ , A. Sjöling ¹ , B. Gustavsson ¹ , S.B.J. Wong ² , M. Quiding-Järbrink ¹ , ¹ <i>The Sahlgrenska Academy of University of Gothenburg, Sweden</i> , ² <i>National University of Singapore, Singapore</i>
[P2.054]	Core needle biopsies trigger an unexpected inflammatory response in human breast cancer G. Szalayova ^{*1} , J.E. Wade ² , A. Ogrodnik ¹ , J. Bunn ² , T.A. James ² , A.B. Ambaye ² , M. Rincon ² , ¹ <i>Danbury Hospital, USA</i> , ² <i>University of Vermont, USA</i>
[P2.055]	A model of metastatic Colorectal Cancer in immunocompetent mice D.V.F. Tauriello [*] , S. Palomo-Ponce, J. Badia, E. Batlle, <i>IRB Barcelona, Spain</i>
[P2.056]	Phenotypic characterization of malignant cells and associated leukocytes in pleural effusions by flow cytometry J.C. Nieto, I. Espinosa, M. Pascual, C. Bertolo, E. Esteva, C. Zamora, J. Prat, C. Juarez, S. Vidal [*] , <i>Institut Recerca & Hospital S. Pau, Spain</i>
[P2.057]	PDGF-BB driven glioma malignancy correlates with accumulation of TAMMs and α-SMA positive tumor cells T.W. Wallmann ^{*1} , C.R. Rolny ¹ , ¹ <i>Karolinska Institute, Sweden</i> , ² <i>Uppsala University, Sweden</i>
[P2.058]	Invariant natural killer T lymphocytes promote the development of intestinal tumors Y. Wang ^{*1} , S. Sedimbi ^{1,2} , L. Löfbom ¹ , S.L. Cardell ¹ , ¹ <i>University of Gothenburg, Sweden</i> , ² <i>Karolinska Institutet, Sweden</i>
[P2.059]	Neutrophil-derived leukotrienes support cancer stem cells during metastasis initiation processes S.K. Wculek [*] , I. Malanchi, <i>Cancer Research UK-Crick, UK</i>
[P2.060]	Accumulation of tolerogenic human 6-sulfo LacNAc⁺ dendritic cells in renal cell carcinoma is associated with poor prognosis R. Wehner ^{*1} , M. Toma ¹ , A. Kloss ¹ , S. Füssel ¹ , B. Seliger ² , E. Noessner ³ , K. Schäkel ⁴ , M. Wirth ¹ , G. Baretton ¹ , M. Schmitz ¹ , ¹ <i>Technical University Dresden, Germany</i> , ² <i>Martin Luther University Halle-Wittenberg, Germany</i> , ³ <i>German Research Center for Environmental Health Munich, Germany</i> , ⁴ <i>University Hospital of Heidelberg, Germany</i>
[P2.061]	Chemokine-driven metastatic spread is shaped by the microenvironment of luminal breast tumors P. Weitzenfeld ^{*1} , O. Kossover ² , C. Körner ³ , T. Meshel ¹ , S. Wiemann ³ , D. Seliktar ² , A. Ben-Baruch ¹ , ¹ <i>Tel Aviv University, Israel</i> , ² <i>Technion-Israel Institute of Technology, Israel</i> , ³ <i>German Cancer Research Center (DKFZ), Germany</i>
[P2.062]	Comparison of antitumoral and protumoral macrophage migration by targeting differentially regulated chemokine receptors C. Wignall [*] , N. Sharma, A. Gal, <i>University of Brighton, UK</i>
[P2.063]	Stroma remodeling depend on p53 mediated persistent Stat3 activation in pancreatic cancer S.M. Wörmann ^{*1} , M.U. Kurkowski ¹ , M. Lesina ¹ , J. Ai ¹ , D. Jodrell ³ , A. Neesse ⁴ , M.P. Protti ² , S. Rose-John ⁵ , R.M. Schmid ¹ , H. Algül ¹ , ¹ <i>Technische Universität München, Germany</i> , ² <i>San Raffaele Scientific Institute, Italy</i> , ³ <i>University of Cambridge, UK</i> , ⁴ <i>Philipps-University, Germany</i> , ⁵ <i>Christian-Albrechts-University of Kiel, Germany</i>
[P2.064]	The role of cytosolic DNA-sensing pathway in colorectal cancer C-A. Yang ^{*1} , H-F. Liao ² , J-G. Chang ^{1,2} , ¹ <i>China Medical University Hospital, Taiwan</i> , ² <i>China Medical University, Taiwan</i>
[P2.065]	Cell to cell communication of exosomal miR-210 released by hypoxic breast cancer cell in tumor microenvironment H. Youn ^{*1} , K.O. Jung ¹ , J-K. Chung ¹ , ¹ <i>Seoul National University Hospital, Republic of Korea</i> , ² <i>Seoul National University, Republic of Korea</i>
[P2.066]	PGE-2 induces the angiogenic switch in advanced prostate tumors targeting angiogenic miRNA T. Erika, F. Federica, A. Giachetti, S. Donnini, M. Ziche [*] , <i>University of Siena, Italy</i>
[P2.067]	Autotaxin as a novel player in lung cancer C. Magkrioti ¹ , N. Oikonomou ¹ , M. Mouratis ¹ , C. Valavanis ² , G.T. Stathopoulos ³ , K. Syrigos ⁴ , V. Aidinis ^{*1} , ¹ <i>Biomedical Sciences Research Center Alexander Fleming, Greece</i> , ² <i>Metaxa Cancer Hospital, Greece</i> , ³ <i>University of Athens, Greece</i> , ⁴ <i>University of Patras, Greece</i>
[P2.068]	HCC development and progression: The role of FAK silencing D. Gnani ¹ , S. Ceccarelli ¹ , S. Artuso ² , N. Panera ¹ , A. Crudele ¹ , C. De Stefanis ¹ , C. Leonetti ² , A. Alisi ^{*1} , ¹ <i>Bambino Gesù Children's Hospital, Italy</i> , ² <i>Regina Elena National Cancer Institute, Italy</i>
[P2.069]	Constitutive activation of gp130 in hepatocytes mimics obesity-induced IL-6 resistance M. Al-Maarri ^{*1} , S. Rose-John ² , J. Brüning ¹ , F.T. Wunderlich ¹ , ¹ <i>Max Planck Institute for Metabolism Research, Germany</i> , ² <i>Christian-Albrechts-University, Germany</i>

[P2.070]	Tristetraprolin expression by keratinocytes plays a key role in the control of inflammation A. Assabban* ¹ , M. Andrianne ¹ , C. Molle ¹ , P.J. Blackshear ² , L. Van Maele ¹ , S. Goriely ¹ , ¹ Université Libre de Bruxelles, Belgium, ² Duke University Medical Center, USA
[P2.071]	Exit of macrophages through lymphatic vessels via a lymphatic vessel endothelial hyaluronan receptor-1 (LYVE-1) and hyaluronan mediated mechanism S. Bhattacharjee*, A. Iqbal, D. Rigby, D. Greaves, L. Johnson, D.G. Jackson, <i>University of Oxford, UK</i>
[P2.072]	The hepatitis C viral protein NS5A binds to human mRNA transcripts to regulate the expression of genes involved in cell growth and apoptosis, allowing establishment of chronic infection by bypassing innate antiviral pathways and promoting cancer pathogenesis P.R. Bohjanen*, D. Beisang, J. Debes, <i>University of Minnesota, USA</i>
[P2.073]	PTX3 is an extrinsic oncosuppressor regulating complement-dependent inflammation in cancer E. Bonavita* ¹ , S. Gentile ¹ , M. Rubino ¹ , V. Maina ¹ , R. Papait ^{1,2} , M. Nebuloni ³ , J.D. Lambris ⁴ , S. Jaillon ¹ , C. Garlanda ¹ , A. Mantovani ^{1,5} , ¹ Humanitas Clinical and Research Center, Italy, ² National Research Council, Italy, ³ University of Milan, Italy, ⁴ University of Pennsylvania, USA, ⁵ Humanitas University, Italy
[P2.074]	HIF-1α controls the pathogenesis of inflammation-associated colon cancer on multiple levels N. Rohwer ¹ , C. Zasada ² , S. Kempa ² , M. Morkel ³ , T. Cramer* ⁴ , ¹ Charité - Campus Virchow-Klinikum, Germany, ² Max-Delbrück-Center for Molecular Medicine, Germany, ³ Charité – Campus Mitte, Germany, ⁴ RWTH University Hospital Aachen, Germany
[P2.075]	Suppression of inflammation maintains B-progenitor fitness in aged mice and abrogates oncogenic adaptation C.J. Henry, A. D'alessandro, T. Nemkov, M. Casás-Selves, V. Zaberezhnyy, N.J. Serkova, K.C. Hansen, C.A. Dinarello, J. DeGregori*, <i>University of Colorado School of Medicine, USA</i>
[P2.076]	Inflammatory prostaglandin E₂ and CXCR2-expressing myeloid-derived suppressor cells in inflammation and colon cancer H. Katoh, D. Wang, R. DuBois*, <i>Arizona State University, USA</i>
[P2.077]	Live imaging reveals NFκB signaling as a key regulator for the Trophic Inflammatory Response during tumour initiation D.W. Laux, I. Ribeiro Bravo, T. Ramezani, Y. Feng*, <i>University of Edinburgh, UK</i>
[P2.078]	Altered expression of inflammatory caspases-4 and -5 during inflammatory bowel disease and colorectal cancer B.P. Flood* ¹ , K. Oficjalska ¹ , D. Laukens ² , J. Fay ³ , K.H.G. Mills ¹ , K. Sheahan ⁴ , E.J. Ryan ⁴ , G.A. Doherty ⁴ , E.W. Kay ³ , E.M. Creagh ¹ , ¹ Trinity College Dublin, Ireland, ² Ghent University, Belgium, ³ RCSI and Beaumont Hospital, Ireland, ⁴ University College Dublin, Ireland
[P2.079]	Role of diet, inflammation and immune dysfunction in colon cancer development M. D'Archivio, G. Donninelli, B. Scazzocchio, M. Del Cornò, R. Vari, B. Varano, I. Del Gaudio, M. Pierdominici, R. Masella, S. Gessani*, <i>Istituto Superiore di Sanità, Italy</i>
[P2.080]	Chronic skin inflammation enhances tumorigenesis in a spontaneous model of melanoma in zebrafish E. Gómez-Abenza* ^{1,2} , C. Gabellini ^{1,2} , M. Mione ³ , M.L. Cayuela ^{2,4} , V. Mulero ^{1,2} , ¹ University of Murcia, Spain, ² Instituto Murciano de Investigación Biosanitaria, (IMIB-Arrixaca), Spain, ³ Karlsruhe Institute of Technology (KIT), Germany, ⁴ Telomerase, Aging and Cancer University Hospital "Virgen de la Arrixaca", Spain
[P2.081]	Extensive genetic mosaicism and clonal complexity in intestinal metaplastic glands under chronic inflammation of stomach Y. Guo*, A.Y. Huang, X.D. Zhao, J.R. Gu, B.Y. Liu, Z.F. Shao, <i>Shanghai Jiao Tong University, China</i>
[P2.082]	Structural Toll-like receptor pathway may illuminate its roles on cancer and inflammation crosstalk E. Guven-Maiorov* ¹ , O. Keskin ¹ , A. Gursoy ¹ , R. Nussinov ² , ¹ Koc University, Turkey, ² National Cancer Institute, USA
[P2.083]	The role of leukocytes in involution-associated tumourigenesis J.R. Hitchcock*, K. Hughes, S. Pensa, B. Lloyd-Lewis, F. Davis, H.K. Resemann, C.J. Watson, <i>University of Cambridge, UK</i>
[P2.084]	IL-33 activates type-2 innate immunity to limit progression of inflammation-driven colon cancer A. Duval ^{1,2} , E. Mirey ^{1,2} , S. Roga ^{1,2} , N. Ortega ^{1,2} , J-P. Girard* ^{1,2} , ¹ CNRS, France, ² University of Toulouse, France
[P2.085]	Innate sensing of microbial products by radiosensitive leukocytes mediates wound-induced skin tumour initiation E. Hoste* ^{1,2} , E.N. Arwert ² , R. Lal ¹ , A.P. South ^{3,4} , J.C. Salas-Alanis ⁵ , D.F. Murrell ⁶ , G. Donati ^{1,2} , F.M. Watt ¹ , ¹ King's College London, UK, ² Cancer Research UK, UK, ³ University of Dundee, UK, ⁴ Thomas Jefferson University, USA, ⁵ University of Monterrey, Mexico, ⁶ University of New South Wales, Australia

[P2.086]	Roquin deficiency in T cells promotes lung inflammation and gastritis D. Hu* ¹ , K.M. Jeltsch ^{2,1} , S. Brenner ¹ , J. Zöller ^{3,1} , M. Heikenwalder ^{3,1} , V. Heissmeyer ^{1,2} , ¹ <i>Helmholtz Zentrum München, Germany</i> , ² <i>Ludwig-Maximilians-Universität München, Germany</i> , ³ <i>Technische Universität München, Germany</i>
[P2.087]	In vitro models based on human monocytes to study the role of inflammation in cancer P. Italiani* ^{1,2} , E. Mosca ² , R. Alfieri ² , L. Milanese ² , D. Boraschi ¹ , ¹ <i>National Research Council, Italy</i> , ² <i>Institute of Biomedical Technologies, Italy</i>
[P2.088]	The non-inflammatory role of pattern recognition receptors in gastric tumourigenesis A. Browning ¹ , A. West ¹ , H. Tye ¹ , P. Tan ² , B. Jenkins* ¹ , ¹ <i>MIMR-PHI Institute of Medical Research, Australia</i> , ² <i>Genome Institute of Singapore, Singapore</i>
[P2.089]	Genome-derived cytosolic DNA mediates type I IFN-mediated rejection of B-cell lymphoma cells Y.J. Shen ¹ , M.K. Khan* ¹ , N. Le Bert ¹ , A.A. Chitre ¹ , C.X. Koo ¹ , X.H. Nga ¹ , S.S.W. Ho ¹ , K.J. Ishii ² , D.H. Raulet ³ , S. Gasser ¹ , ¹ <i>National University of Singapore, Singapore</i> , ² <i>Osaka University, Japan</i> , ³ <i>University of California, USA</i>
[P2.090]	Immune-surveillance failure predicts dysplasia onset in ulcerative colitis M. Scarpa ¹ , A. Kotsafti* ¹ , M. Scarpa ¹ , R. D'Inca ² , M. Fassan ² , P. Brun ² , M. Bortolami ² , I. Angriman ² , M. Rugge ² , G-C. Sturniolo ¹ , ¹ <i>Veneto Institute of Oncology (IOV-IRCCS), Italy</i> , ² <i>University of Padova, Italy</i>
[P2.091]	Molecular basis of pro-inflammatory responses in SLX4 deficiency C. Brégnard, M. Benkirane, N. Laguette*, <i>IGH CNRS UPR1142, France</i>
[P2.092]	Apoptotic blebbing in inflammation and B-cell lymphoma development K. Mardilovich*, L. Julian, M.F. Olson, <i>Beatsin Institute for Cancer Research, UK</i>
[P2.093]	Regulation of colon adenocarcinoma cells HT-29 proliferation by the Cox-2 inhibitor Niflumic acid: Effects on cell cycle and apoptosis I. Mekkioui* ¹ , B. Djerdjouri ¹ , E. Jouan ² , M-T. Dimanche-Boitrel ² , ¹ <i>Université des Sciences et de la Technologie Houari Boumediene, Algeria</i> , ² <i>Université de Rennes, France</i>
[P2.094]	Lymphocytes promote spontaneous prostate carcinogenesis in a human c-myc transgenic mouse model; translation to human prostate cancer M. Melis*, E. Nevedomskaya, J. van Burgsteden, H. van Zeeburg, J-Y. Song, B. Cioni, J. de Jong, A. Broeks, K.E. de Visser, A. Bergman, <i>Netherlands Cancer Institute, The Netherlands</i>
[P2.095]	The human cytidine deaminase APOBEC3 gene family is subject to stress-induced P53 transcriptional regulation D. Menendez*, T-A. Nguyen, J. Snipe, M.A. Resnick, <i>National Institute of Environmental Health Sciences, NIH, USA</i>
[P2.096]	The role of IL-17A in postmenopausal inflammatory events I. Molnár* ¹ , I. Bohaty ¹ , E. Somogyiné-Vári ¹ , ¹ <i>EndoMed, Hungary</i> , ² <i>Regional Centre of Hungarian National Blood Transfusion Service, Hungary</i> , ³ <i>EndoMed, Hungary</i>
[P2.097]	Creating awareness, the response and prevention of breast cancer among rural women in Nigeria A.O. Okanlawon, <i>OAUTHC, Nigeria</i>
[P2.098]	IEC-specific insulin resistance impairs gut barrier function and promotes colorectal adenoma development A.L. Ostermann* ¹ , C.M. Wunderlich ¹ , C. Niessen ² , P.J. Koch ³ , J.C. Brüning ¹ , F.T. Wunderlich ^{1,2} , ¹ <i>Max-Planck Institute for Metabolism Research, Germany</i> , ² <i>Cluster of Excellence Cellular Stress Response in Aging-Associated Diseases, Germany</i> , ³ <i>University of Colorado School of Medicine, USA</i>
[P2.099]	Alternative p38s in the control of liver cancer A. Tomás-Loba ¹ , B. González-Terán ¹ , E. Manieri ^{1,2} , G. Sabio* ¹ , ¹ <i>Centro Nacional de Investigaciones Cardiovasculares Carlos III, Spain</i> , ² <i>Centro Nacional de Biotecnología, Spain</i>
[P2.100]	Myd88 expression in CD11b+ cells is the major contributor in protection against colonic adenoma formation R. Salcedo*, R-D. Dai, L. Smith, M. Karwan, G. Trinchieri, <i>National Cancer Institute, USA</i>
[P2.101]	Interleukin-8 from tumors promotes microvascular permeability through eNOS activation F. Sanchez*, A. Guequén, L. Rebolledo, P. Zamorano, P. Burboa, C. Quezada, J. Sarmiento, P. Erhenfeld, <i>Universidad Austral de Chile, Chile</i>
[P2.102]	Human neutrophils a new therapeutic target of Tamoxifen J. Sarmiento*, G. Moran, H. Folch, N. Morales, C. Borlone, B. Perez, <i>Universidad Austral de Chile, Chile</i>
[P2.103]	TREX2 deficiency alters UVB-induced keratinocyte cell death and skin immunity J. Manils ¹ , D. Gómez ¹ , M. Salla-Martret ¹ , H. Fischer ² , L. Marruecos ¹ , C. Benito ¹ , S.V. Forcales ³ , L. Eckhart ² , C. Soler* ¹ , ¹ <i>Universitat de Barcelona, Spain</i> , ² <i>University of Vienna, Austria</i> , ³ <i>Institute for Predictive and Personalized Medicine of Cancer, Spain</i>
[P2.104]	Roles of macrophages in the development and progression of Kras-caused pancreatic lesions P. Storz, <i>Mayo Clinic, USA</i>

[P2.105]	An overlapped region including nuclear respiratory factor-2 and a front directly connected region were more conserved than those including nuclear respiratory factor-1 H. Takeuchi ^{1,2} , ¹ Nagasaki Tomie Hospital, Japan, ² Takeuchi Gene Center, Japan
[P2.106]	Pulmonary vein thrombi may make cells hypoxic and undernourished and control actin reconstruction in the cells H. Takeuchi ¹ , ¹ Nagasaki Tomie Hospital, Japan, ² Takeuchi Gene Center Ltd., Japan
[P2.107]	Unraveling predicted immunomodulatory effects of novel cancer-associated non-coding RNAs A. Tanne ^{*1} , L. Muniz ¹ , A. Puzio-Kuter ² , D. Ting ⁴ , R. Monasson ⁵ , S. Cocco ⁵ , A. Levine ³ , N. Bhardwaj ¹ , B. Greenbaum ¹ , ¹ Tisch Cancer Institute, USA, ² The Cancer Institute of New Jersey, USA, ³ The Simmons Center for Systems Biology, USA, ⁴ Massachusetts General Hospital, USA, ⁵ Ecole Normal Supérieure, France
[P2.108]	Staphylococcal Enterotoxin SEB modulation of immune responses against infectious diseases and cancer M. Aladwani ¹ , S. Caserta ² , N. Terrazzini ^{*1} , ¹ University of Brighton, UK, ² University of Sussex, UK
[P2.109]	The role of non-canonical nF-κB signaling in obesity associated hcc development A.J. Vesting ^{*1} , S. Gruber ¹ , J. Ackermann ¹ , F.T. Wunderlich ^{1,2} , ¹ MPI Metabolism, Germany, ² University of Cologne, Germany
[P2.110]	Integrative genomic and transcriptomic analysis of 775 human cancer cell lines reveals novel immune drivers and regulatory programs A.C. Villani ^{*1,2} , C. Ye ¹ , R. Raychowdhury ^{1,2} , W. Li ^{1,2} , T. Eisenhaure ^{1,2} , A. Regev ^{1,3} , N. Hacohen ^{1,2} , ¹ Broad Institute of MIT & Harvard, USA, ² Massachusetts General Hospital, USA, ³ Massachusetts Institute of Technology, USA
[P2.111]	CD8⁺ T cells causes liver injury and hepatocellular carcinoma in chronic liver disease J. Endig ¹ , L.E. Buitrago-Molina ¹ , S. Marhenke ¹ , F. Reisinger ² , T. Longerich ³ , C. Könecke ¹ , R. Geffers ⁴ , M.P. Manns ¹ , M. Heikenwälder ² , A. Vogel ^{*1} , ¹ Medizinische Hochschule Hannover, Germany, ² Helmholtz Zentrum München, Germany, ³ University Hospital Heidelberg, Germany, ⁴ Helmholtz Zentrum Braunschweig, Germany
[P2.112]	Role of LUBAC in cell death, inflammation and lung tumorigenesis L. Taraborrelli, S. von Karstedt, T. Hartwig, H. Walczak*, <i>University College London, UK</i>
[P2.113]	Human Toll-like (TLR) and Nod-like receptor (NLR) genetic variants and colorectal cancer A.N.R. Weber ^{*1} , S. Huhn ^{2,3} , S.N. Klimosch ¹ , M.I. da Silva Filho ² , T. Sanmuganatham ¹ , T. Pichulik ¹ , B. Pardini ⁴ , A. Naccarati ^{4,5} , C. Schafmayer ^{6,7} , A. Försti ^{2,9} , ¹ University of Tübingen, Germany, ² German Cancer Research Center (DKFZ), Germany, ³ University Hospital Heidelberg, Germany, ⁴ Human Genetics Foundation, Italy, ⁵ Institute of Experimental Medicine, Czech Republic, ⁶ University Hospital Schleswig-Holstein at Kiel, Germany, ⁷ POPGEN Biobank Project, Germany, ⁸ Charles University Prague, Czech Republic, ⁹ Lund University at Malmö, Sweden
[P2.114]	Control of intestinal inflammation and colon cancer by novel genetic and cytokine-mediated pathways N. West*, F. Franchini, G. Ryzhakov, S. McCuaig, S. Kirchberger, F. Powrie, <i>University of Oxford, UK</i>
[P2.115]	Chemotherapy and inflammation can act synergistically in promoting tumor aggressiveness in breast cancer and normal breast epithelium F. Alessandrini*, D. Pedri, Y. Ciribilli, <i>CIBIO, Italy</i>
[P2.116]	S100B inhibition with duloxatine alters macrophage polarization and abrogates glioma growth in mice H. Gao, I. Zhang, Y. Song, L. Zhang, B. Badie*, <i>City of Hope Beckman Research Institute, USA</i>
[P2.117]	Autotaxin expression and lysophosphatidate signaling in tumors induces a vicious inflammatory cycle that drives tumor growth, metastasis and chemo-resistance D.N. Brindley*, D.G. Hemmings, M.G.K. Benesch, G. Venkatraman, T.P.W. McMullen, <i>University of Alberta, Canada</i>
[P2.118]	Targeting of melanoma cells and their associated immune environment with dsRNA-based nanocomplexes D. Cerezo*, D. Olmeda, G. Calvo, M. Soengas, <i>CNIO, Spain</i>
[P2.119]	Reciprocal activation of macrophages and paclitaxel-resistant ovarian cancer cells J-H. Choi*, Y-I. Yang, J-H. Ahn, <i>Kyung Hee University, Republic of Korea</i>
[P2.120]	TGFβ controls tumor progression through JMJD3-mediated epigenetic regulation I. Huber-Ruano ^{*1} , C. Raventós ¹ , A. Arias ¹ , I. Cuartas ¹ , C. Espejo ^{3,4} , J. Seoane ^{1,2} , ¹ Vall d'Hebron Institute of Oncology, Spain, ² ICREA, Spain, ³ Vall d'Hebron Institut de Recerca (VHIR), Spain, ⁴ Centre d'Esclerosi Múltiple de Catalunya (Cemcat), Spain
[P2.121]	ZBTB2 increases PDK4 expression by transcriptional repression of RelA/p65 M.W. Hur*, M.Y. Kim, D.I. Koh, <i>Yonsei University School of Medicine, Republic of Korea</i>
[P2.122]	Tumor cells misuse macrophage activating signals to induce the proinvasive, immunosuppressive microenvironment of gliomas B. Kaminska*, P. Wisniewski, A. Ellert-Miklaszewska, M. Kijewska, P. Gajdanowicz, P. Przanowski, A. Gieryng, D. Pszczolkowska, K. Bocian, <i>Nencki Institute of Experimental Biology, Poland</i>

[P2.123]	IL-4 receptor-targeted dual attack on tumor and tumor-associated macrophages B-H. Lee*, G.R. Gunassekaran, S.M.P. Vadevoo, <i>Kyungpook National University, Republic of Korea</i>
[P2.124]	Transcription regulators of tumor-associated macrophages: Minding the big gap? M. Tellechea*, M. Buxadé, J. Aramburu, C. López-Rodríguez, <i>Universitat Pompeu Fabra, Spain</i>
[P2.125]	Epithelial to mesenchymal transition: Contribution of sphingolipid machinery to pathomechanisms of epithelial cell plasticity A. Meshcheryakova ¹ , M. Svoboda ¹ , M. Jaritz ² , H.C. Köfeler ³ , F. Mungenast ¹ , A. Tahir ⁴ , C. Gerner ⁴ , D. Mechtcheriakova* ¹ , ¹ <i>Medical University of Vienna, Austria</i> , ² <i>Research Institute of Molecular Pathology, Austria</i> , ³ <i>Medical University of Graz, Austria</i> , ⁴ <i>University of Vienna, Austria</i>
[P2.126]	Notch triggers myeloid reprogramming in murine pancreatic cancer F. Neff* ¹ , D. Kirsch ² , D. Saur ¹ , R. Schmid ¹ , M. Heikenwälder ¹ , J. Siveke ¹ , ¹ <i>Technische Universität München, Germany</i> , ² <i>Duke University Medical Center, USA</i> , ³ <i>Technische Universität München/Helmholtz Zentrum München, Germany</i>
[P2.127]	Complex immunometabolic pathways mediate the interaction between thyroid carcinoma cells and tumor-associated macrophages R.T. Netea-Maier* ¹ , S. Tuit ² , B. Heinhuis ¹ , L.A.B. Joosten ¹ , J. Schultze ² , J. Smit ¹ , M.G. Netea ¹ , ¹ <i>Radboud University Nijmegen, The Netherlands</i> , ² <i>University of Bonn, Germany</i>
[P2.128]	Long non-coding RNA expression in tumor infiltrating lymphocytes M. De Simone ¹ , G. Rossetti ¹ , P. Gruarin ¹ , V. Ranzani ¹ , R. Bonnal ¹ , V. Vaira ² , A. Palleschi ² , S. Bosari ² , S. Abrignani ¹ , M. Pagani* ¹ , ¹ <i>Istituto Nazionale Genetica Molecolare INGM -Romeo ed Enrica Invernizzi- Milan, Italy</i> , ² <i>Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Italy</i>
[P2.129]	Macrophages: Immunosuppressive cells that promote tumor progression and metastasis R. Noy* ¹ , S. Porcelli ² , J.W. Pollard ¹ , ¹ <i>University of Edinburgh, UK</i> , ² <i>Albert Einstein College of Medicine, USA</i>
[P2.130]	Warburg metabolism in tumor-conditioned macrophages promotes metastasis in pancreatic ductal adenocarcinoma H.L. Penny* ¹ , J.L. Sieow ¹ , G. Adriani ² , R. Kamm ² , S.C. Wong ¹ , ¹ <i>Singapore Immunology Network, Singapore</i> , ² <i>Singapore-MIT Alliance for Research and Technology, Singapore</i>
[P2.131]	Myeloid IKKB promotes antitumor immunity by modulating CCL11 and the innate immune response A. Richmond* ^{1,2} , J. Yang ^{1,2} , O.E. Hawkins ^{1,2} , W. Barham ² , P. Gilchuk ² , M. Boothby ^{1,2} , G.D. Ayers ² , S. Joyce ^{1,2} , M. Karin ³ , F.E. Yull ^{1,2} , ¹ <i>VA Medical Center, USA</i> , ² <i>Vanderbilt University, USA</i> , ³ <i>UCSD, USA</i>
[P2.132]	Sema3a dictates a pro-inflammatory program that restricts tumor growth M. Wallerius* ¹ , C. Rolny ¹ , ¹ <i>Karolinska Institutet, Sweden</i> , ² <i>Uppsala University, Sweden</i> , ³ <i>École Polytechnique Fédérale de Lausanne, Switzerland</i>
[P2.133]	Differential Fc-receptor engagement drives an anti-tumor vaccinal effect D.J. DiLillo*, J.V. Ravetch, <i>The Rockefeller University, USA</i>
[P2.134]	Gliomas are haematopoietic-like tumours G. Moncayo* ¹ , M. Grzmil ¹ , T. Smirnova ¹ , P. Zmarz ¹ , R.M. Huber ^{1,2} , D. Hynx ¹ , D. Hess ¹ , S. Frank ^{1,3} , A. Merlo ¹ , B.A. Hemmings ¹ , ¹ <i>Friedrich Miescher Institute for Biomedical Research, Switzerland</i> , ² <i>Neurosurgery and Glioma Research, Switzerland</i> , ³ <i>Basel University Hospitals, Switzerland</i>
[P2.135]	Investigating the efficacy of lymph node targeting cancer vaccines in a mouse model of spontaneous cervical cancer G. Galliverti* ¹ , S. Wullschleger ¹ , D. Hanahan ¹ , M. Swartz ^{1,2} , ¹ <i>Swiss Federal Institute of Lausanne, Switzerland</i> , ² <i>University of Chicago, USA</i>
[P2.136]	Genomic characterization of bladder cancer and our proprietary bladder cancer vaccine (HS410) identifies novel signatures of responders and non-responders G. Fromm* ¹ , S. Selitsky ² , N.S. Schilling ¹ , J. Rose ¹ , T.H. Schreiber ¹ , ¹ <i>Heat Biologics, Inc., USA</i> , ² <i>University of North Carolina Chapel Hill, USA</i>