

Poster Program

Poster Session 1

Monday, 12 June 2017, 13:30-14:45

[P001]	Cooperativity of HOXA5 and STAT3 is essential for transcriptional activation of PD-L1 C.C. Jiang* ¹ , Y.F. Wang ^{1,2} , F. Liu ^{1,3} , G.Y. Ji ^{1,4} , S. Sherwin ¹ , J. McFarlane ¹ , L. Jin ¹ , X.D. Zhang ¹ , ¹ The University of Newcastle, Australia, ² Sichuan University, China, ³ Dalian Medical University, China, ⁴ Shanxi Cancer Hospital and Institute, China
[P003]	External application of NF-κB inhibitor DHMEQ suppresses development of DNCB/OX-induced atopic dermatitis in BALB/c mice X.X. Jiang ¹ , B. Wei ¹ , Y. Lan ¹ , C.L. Dai ¹ , Y.R. Gu ¹ , J. Ma ² , X.Y. Liu ² , K. Umezawa ³ , Y.Y. Zhang* ¹ , ¹ Shenyang Pharmaceutical University, China, ² Shenzhen Wanhe Pharmaceutical Co., Ltd., China, ³ Aichi Medical University School of Medicine, China
[P005]	Inflammation induced functional changes in pre-leukemic stem and progenitor cells lacking Tet2 can be modulated by targeting the NFκB pathway Z. Cai*, R. Kapur, M. Kelley, <i>Indiana University, USA</i>
[P007]	Macrophages promote pancreatic cancer metastasis by forming a hospitable metastatic niche S.R. Nielsen ¹ , V. Quaranta ¹ , T. Sakai ¹ , J.H. Ko ² , D. Tuveson ³ , E. Hirsch ⁴ , D. Palmer ¹ , A. Mielgo ¹ , M.C. Schmid* ¹ , ¹ University of Liverpool, UK, ² KRIBB, Republic of Korea, ³ CSHL, USA, ⁴ University of Turin, Italy
[P009]	IL-37 mediates the anti-tumor activity in hepatocellular carcinoma via T cell activation and angiogenesis suppression H. Liu*, Y. Mei, W.T. Teng, H.Y. Teo, <i>National University of Singapore, Singapore</i>
[P011]	Macrophage targeting 'rewires' the pancreatic cancer tumor microenvironment J. Candido* ¹ , J. Morton ² , A. Campbell ² , M. Escorcio-Correia ¹ , R. Roshani ¹ , R. Arkell ¹ , R. Wilkinson ³ , S. Barry ⁴ , F. Balkwill ¹ , O. Sansom ² , ¹ Barts & London, UK, ² Beatson, UK, ³ MedImmune, UK, ⁴ AstraZeneca, UK
[P013]	The natural product pseudopterosin inhibits cytokine release and bidirectional communication in the tumor microenvironment of triple negative breast cancer cells. J. Sperlich*, N. Teusch, <i>University of Applied Sciences TH Cologne, Germany</i>
[P015]	A novel use of biomarkers in the modeling of cancer activity based on the theory of endobiogeny. K.M. Hedayat* ¹ , L.J. Buehning ² , A. Sachdeva ² , S. Golshan ² , J.C. Lapraz ³ , ¹ American Society of Endobiogenic Medicine and Integrative Physiology, USA, ² University of California at San Diego, USA, ³ Societe internationale de médecine endobiogenique et de physiologie integrative, France
[P017]	The relationship between tumour invasiveness and the local and systemic environment in patients with colorectal cancer J.H. Park ^{1,2} , H. van Wyk ¹ , C.S.D. Roxburgh ^{1,2} , P.G. Horgan ¹ , J. Edwards* ² , D.C. McMillan ¹ , ¹ Academic Unit of Surgery, University of Glasgow, UK, ² Institute of Cancer Sciences, University of Glasgow, UK
[P019]	Inflammatory protein, gC1qR/HABP1/p33 (gC1qR), is a new prognostic indicator in malignant mesothelioma (MM) E.I. Peerschke* ¹ , F.R. Dembitzer ² , M.B. Beasley ² , Y. Kinoshita ² , B. Ghebrehiwet ³ , ¹ Memorial Sloan Kettering Cancer Center, USA, ² Mount Sinai School of Medicine, USA, ³ Stony Brook University, USA
[P021]	Arachidonate 15-lipoxygenase in primary human macrophages modulates chemokine production and leukocyte trafficking R. Snodgrass*, D. Namgaladze, B. Brüne, <i>Goethe-University, Germany</i>
[P023]	The relationship between transforming growth factor β-activated kinase 1(TAK1) and the local and systemic environment in patients with colorectal cancer J.A. Quinn*, M. Frixou, M. Patel, J.H. Park, P.G. Horgan, D.C. McMillan, J. Edwards, <i>University of Glasgow, UK</i>
[P025]	Phenotypic colorectal cancer subtypes stratify patient survival by utilising features of the tumour microenvironment A.K. Roseweir*, D.C. McMillan, P.G. Horgan, J. Edwards, <i>University of Glasgow, UK</i>
[P027]	Targeting the $\alpha\beta$6 integrin with CAR T-cells in multiple solid malignancies L.M. Whilding* ¹ , A.C. Parente-Pereira ¹ , T. Zabinski ¹ , D.M. Davies ¹ , R. Petrovic ¹ , S. Vallath ² , J. Marshall ² , J. Maher ¹ , ¹ King's College London, UK, ² Barts Cancer Institute, UK
[P029]	Characterisation of the host immune response to biofilm infections M.P. Mempin*, J.L. Orozco, H. Hu, A. Deva, K. Vickery, <i>Macquarie University, Australia</i>
[P033]	TRIM33 deficiency in myeloid cells impairs resolution of inflammation and tumor progression V. Petit*, A-S. Gallouët, A. Parcelier, V. Barroca, D. Lewandowski, P-H. Roméo, <i>CEA, France</i>
[P035]	Pharmacologic inhibition of β-catenin and PI3 kinase/p110δ paradoxically expands stem memory Th17 cells with heightened antitumor activity K. Majchrzak* ^{1,2} , M.H. Nelson ¹ , J.S. Bowers ¹ , S.R. Bailey ¹ , M.M. Wyatt ¹ , M.P. Rubinstein ¹ , J.C. Varela ¹ , Z. Li ¹ , R.A. Himes ¹ , C.M. Paulos ¹ , ¹ Medical University of South Carolina, USA, ² Warsaw University of Life Sciences, Poland

[P037]	Intrapulmonary delivery of TLR agonists to treat metastatic cancer. E. Goguet*, D. Klinman, D. Tross, <i>NCI-Frederick, USA</i>
[P039]	Haematopoietic stem cell progeny infiltrate brain tumours and can be exploited as cellular vehicles to deliver genetically encoded therapeutic molecules T. Andreou*, N. Rippaus, D. Taggart, J. Williams, K. Wronski, H. Wurdak, M. Lorger, <i>University of Leeds, UK</i>
[P041]	TC-PTP alters the metabolic profile of colon cancer cells and bone marrow-derived macrophages as determined from a human phosphatome screen V. Vinette*, S. Bussièeres-Marmen, S. Hardy, F. Robert, A. Rolston, J. Pelletier, M. Tremblay, <i>McGill University, Canada</i>
[P043]	Aerobic fitness, independent of percent body fat, is linked to c-reactive protein in cancer survivors C. Coronado*, J. Lisano, R. Hayward, G. Strait, G. DeKrey, R. Fisher, P. Smoak, D. Shackelford, L. Stewart, <i>University of Northern Colorado, USA</i>
[P045]	Peroxioredoxin 5 overexpression correlates with poor prognosis via increase of tumorigenicity in gastric cancer. B. Kim*, M.H. Kim, M. Kam, K-M. Kim, D. Lee, U. Chae, D-S. Lee, <i>Kyungpook National University, Republic of Korea</i>
[P047]	MEK inhibition enhances efficacy of BCG on bladder cancer cells via reduction of toll-like receptor 2-activated antimicrobial peptides release Y. Whang* ¹ , S. Jin ¹ , S. Park ² , I. Chang ¹ , ¹ <i>Chuang-Ang University College of Medicine, Republic of Korea</i> , ² <i>Korea University College of Medicine, Republic of Korea</i>
[P049]	Frequent conserved vs. mutational mechanisms regulating cancer immunity D.E. Speiser, <i>University of Lausanne, Switzerland</i>
[P051]	Myeloid-Derived Suppressor Cells (MDSCs) provide a feedback loop for prostate cancer and bone interactions S.I. Park* ^{1,2} , H.E. Kim ¹ , H.M. Jeong ¹ , E.J. Lee ¹ , ¹ <i>Korea University, Republic of Korea</i> , ² <i>Vanderbilt University School of Medicine, USA</i>
[P053]	Analysis of immune cells markers in the canine mammary gland tumors of different grades J.K. Bujak* ¹ , M. Bulkowska ¹ , M. Król ¹ , T. Motyl ¹ , E. Hellmen ² , K. Majchrzak ¹ , ¹ <i>Warsaw University of Life Sciences, Poland</i> , ² <i>Swedish University of Agricultural Sciences, Sweden</i>
[P055]	The frequency and function of circulating dendritic cells are suppressed in glioblastoma and restored by inhibiting p38 MAPK and immune checkpoint blockade J. Adhikaree*, P. Bilimoria, C. Televantos, H.A. Franks, A.M. Jackson, P.M. Patel, <i>University of Nottingham, UK</i>
[P057]	T4 immunotherapy of head and neck squamous cell carcinoma using pan-ErbB targeted CAR T-cells. D.M. Davies* ^{1,2} , A. Adami ^{1,2} , M. Metoudi ^{1,2} , D. Achkova ^{1,2} , M. van Schalkwyk ^{1,2} , A.C. Parente-Pereira ^{1,2} , L. Bosshard-Carter ¹ , L.M. Whilding ^{1,2} , S.J. van der Stegen ³ , F. Farzaneh ^{1,2} , ¹ <i>King's College London, UK</i> , ² <i>King's Health Partners, UK</i> , ³ <i>Memorial Sloan Kettering Cancer Center, USA</i> , ⁴ <i>Guy's and St Thomas' NHS Foundation Trust, UK</i>
[P059]	NF-kappaB involvement in CLL pathogenesis V. Soberón* ¹ , Y. Sasaki ² , K. Rajewsky ³ , K. Steiger ¹ , R. Rad ¹ , D. Calado ¹ , M. Schmidt-Supprian ¹ , ¹ <i>Technische Universität München, Germany</i> , ² <i>Kyoto University, Japan</i> , ³ <i>Max-Delbrück Center, Germany</i> , ⁴ <i>The Francis Crick Institute, UK</i>
[P061]	Multiple immune-suppressive barriers impairs immunotherapy against cervical cancer G. Galliverti* ¹ , S. Wullschleger ¹ , M. Swarz ^{1,2} , D. Hanahan ¹ , ¹ <i>EPFL, Switzerland</i> , ² <i>University of Chicago, USA</i>
[P063]	Molecular and functional characterisation of the role of Foxp3+ regulatory T cells in the development of intestinal cancer A. Padilha*, A. Gallimore, L. Parry, <i>Cardiff University, UK</i>
[P065]	Comparative inflammatory macrophage eicosanoid metabolism: function on tumor microenvironment. C.A. Sorgi* ^{1,2} , E.A. Gabriel-Junior ¹ , L.C. Loureiro ² , L.C. Loureiro ² , R.L. Sanchez ¹ , L.H. Faccioli ¹ , ¹ <i>Universidade de Sao Paulo, Brazil</i> , ² <i>Universidade Federal do Amazonas, Brazil</i>
[P067]	Pancreatic cancer, inflammation, and marine natural products E.A. Guzman*, T.P. Pitts, A.E. Wright, <i>Florida Atlantic University, USA</i>
[P069]	Myeloid PTEN deficiency impairs tumor immune surveillance via immune checkpoint inhibition G. Schabbauer*, M. Kuttke, <i>Medical University of Vienna, Austria</i>
[P071]	A distinct innate lymphoid cell population suppresses tumor-associated T cells S.Q. Crome* ¹ , L.T. Nguyen ¹ , S. Lopez-Verges ² , S.Y.C. Yang ³ , B. Martin ¹ , P.A. Shaw ¹ , H.K. Berman ¹ , T.J. Pugh ¹ , L.L. Lanier ¹ , P.S. Ohashi ¹ , ¹ <i>University Health Network, Canada</i> , ² <i>University of California San Francisco, Canada</i> , ³ <i>University of Toronto, Canada</i>
[P073]	PPAR-gamma modulates urothelial cell differentiation and anti-inflammation activity after urinary tract infection C. Liu*, M.A. Tamargo, T.A. Bates, S. Souza, E. Batourina, C. Matos, M. Reiley, K.A. Schneider, C.L. Mendelsohn, <i>Columbia University, USA</i>
[P075]	ESCRT-III acts downstream of MLKL to halt necroptotic cell death and promote its inflammatory consequence Y. Gong* ¹ , A. Linkermann ² , D.R. Green ¹ , ¹ <i>st. jude children's research hospital, USA</i> , ² <i>University Hospital Carl Gustav Carus at the Technische Universität Dresden, Germany</i>
[P077]	NKG2D and CD244 co-stimulation induces NK cell activation and target cell cytotoxicity using novel bispecific molecules in vitro E.E. Rosentrater*, T. McCaughtry, P. Doonan, M. Katragadda, F. Jin, C.S. Chang, W. Duan, Y. Liu, L. Tchistiakova, <i>Pfizer, USA</i>

[P079]	Becn1 deficiency in neutrophils promotes malignant transformation of B cells P. Tan* ¹ , R. Wang ¹ , ¹ <i>Institute of Biosciences and Technology, Texas A&M University Health Science Center, USA</i> , ² <i>Center for Inflammation and Epigenetics, Houston Methodist Research Institute, USA</i>
[P081]	Photoactivatable control of immune signaling cascades and optogenetic immunomodulation for tumor killing L. He*, P. Tan, N. Nguyen, Y. Zhou, <i>Institute of Biosciences and Technology, Texas A&M University Health Science Center, USA</i>
[P083]	Develop a tool, "cell-diversity-panel", that recapitulates the immune heterogeneity of pancreatic adenocarcinoma J. Li*, K.T. Byrne, R.H. Vonderheide, B.Z. Stanger, <i>University of Pennsylvania, USA</i>
[P085]	Immunomodulation of aggressive liver cancer by EpCAM+ cancer stem cells through the activation of CCL20-CCR6 axis. T.Y. Yamashita*, M.O. Ohwada, H.O. Okada, M.H. Honda, S.K. Kaneko, <i>Kanazawa University, Japan</i>
[P087]	Sirtuin 6-p53 axis plays critical roles in the maintenance of immune responses S. Ghosh*, Z. Zhou, <i>The university of Hong Kong, Hong Kong</i>
[P089]	Itaconate inhibits succinate dehydrogenase and mitigates reperfusion injury T. Cordes*, M. Wallace, A.S. Divakaruni, A.N. Murphy, P.J. Cabrales, C.M. Metallo, <i>UC San Diego, USA</i>
[P091]	Hypoxic adaptation tunes B cell infiltration, tissue repair, and tumorigenesis of the pancreas K.E. Lee*, M. Spata, R.H. Vonderheide, M.C. Simon, <i>University of Pennsylvania of Pennsylvania, USA</i>
[P093]	Cell-free chromatin released from hypoxia-induced dying cancer cells can modulate the tumour environment T. Saha, S. Chaudhary, I. Mittra*, <i>Tata Memorial Centre, India</i>
[P095]	TGF-beta drives immune evasion in genetically reconstituted colon cancer metastasis D.V.F. Tauriello* ¹ , S. Palomo-Ponce ¹ , M. Iglesias ² , D. Stork ¹ , J. Badia-Ramentol ¹ , E. Batlle ^{1,3} , ¹ <i>IRB, Spain</i> , ² <i>IMIM, Spain</i> , ³ <i>ICREA, Spain</i>
[P097]	Cyclic peptides targeting EGFR: Implications in EGFR overexpressed cancers S. Singh* ¹ , T. Durek ² , D. Craik ² , S. Jois ¹ , ¹ <i>University of Louisiana at Monroe, USA</i> , ² <i>The University of Queensland, Australia</i>
[P099]	The antimicrobial peptide padef from avocado (<i>Persea americana</i> var. <i>drymifolia</i>) induces extrinsic apoptosis in the human leukemia cell line k-562. J.E. López-Meza, A. Ochoa-Zarzosa, L.J. Flores-Alvarez*, <i>Universidad Michoacana de San Nicolás de Hidalgo, Mexico</i>
[P101]	Tumor infiltrating T cells acquire exhaustion-associated epigenetic programs H.G. Ghoniem, Y.F. Fan, A.M. Moustaki, P.D. Dogra, H.A. Abdelsamed, B.Y. Youngblood*, <i>St Jude Children's Research Hospital, USA</i>
[P103]	Hypersecretion of fibroblast-derived exosomes during chemotherapy promotes pancreatic cancer chemoresistance K.E. Richards, R. Hill*, <i>University of Notre Dame, USA</i>
[P105]	Anti-tumor T cells deficient in von Hippel-Lindau gene retain polyfunctionality and inhibit melanoma growth and lung metastasis I. Liikanen*, J. Goulding, A. Phan, A.W. Goldrath, <i>University of California, USA</i>
[P107]	IL-6 secreted by cancer-associated fibroblasts promotes epithelial-mesenchymal transition and metastasis of gastric cancer via JAK2/STAT3 signaling pathway B. Liu*, X-Y. Wu, L-P. Su, J-F. Li, <i>Ruijin Hospital, China</i>
[P109]	Steroid induced glaucoma- biomarker study B. Lakshmi* ^{1,2} , B.S. Lakshmi ^{1,2} , R. Pukhraj Rishi ¹ , V. Sailaja Elchuri ¹ , ¹ <i>Vision Research Foundation, Sankara Nethralaya, India</i> , ² <i>Anna University, India</i>
[P111]	Spatially dysregulated miRNA expression contributes in the pathogenesis of ulcerative colitis J. Paul* ¹ , R. Ranjha ¹ , V. Ahuja ² , ¹ <i>Jawaharlal Nehru University, India</i> , ² <i>All India Institute of medical Sciences, India</i>
[P113]	Evaluation of immune-based prognostic screening tools to predict patient clinical outcomes in oesophageal adenocarcinoma M.R. Dunne* ^{1,2} , A.J. Michielsen ^{1,2} , K.E. O'Sullivan ^{1,2} , M.C. Cathcart ^{1,2} , R. Feighery ^{1,2} , B. Doyle ^{2,3} , J.A. Watson ³ , N.J. O'Farrell ^{1,2} , N. Ravi ² , E. Kay ^{3,4} , ¹ <i>Trinity College Dublin, Ireland</i> , ² <i>St James's Hospital, Ireland</i> , ³ <i>Beaumont Hospital, Ireland</i> , ⁴ <i>Royal College of Surgeons Ireland, Ireland</i> , ⁵ <i>St Vincent's University Hospital, Ireland</i>
[P115]	eIF5B activates widespread eIF2-independent protein synthesis. J.J.D. Ho* ¹ , N.C. Balukoff ¹ , G. Cervantes ¹ , P.D. Malcolm ¹ , J.R. Krieger ² , S. Lee ¹ , ¹ <i>University of Miami, USA</i> , ² <i>The Hospital for Sick Children, Canada</i>
[P117]	Metabolic reprogramming in adipocytes in response to inflammatory cues C.R. Green*, M. Wallace, C.M. Metallo, <i>University of California, USA</i>
[P119]	GITR agonism increases glycolysis and mitochondrial oxygen consumption rate in CD8+ T cells S.S. Sabharwal*, J. Grein, D.J. Cua, L.A. Zuniga, <i>Merck Research Laboratories, USA</i>
[P121]	Enhancing antitumor efficacy of chimeric antigen receptor T cells through constitutive CD40L expression N.F. Kuhn* ¹ , D. van Leeuwen ¹ , K.J. Curran ¹ , R.J. Brentjens ¹ , ¹ <i>Memorial Sloan Kettering Cancer Center, USA</i> , ² <i>Graduate School of Biomedical Sciences, USA</i>
[P123]	Understanding the biological bases of tumor immune evasion I. Cohen*, R. Blasberg, <i>Memorial Sloan Kettering Cancer Center, USA</i>

[P125]	Drug-induced senescence modulates tumor immune microenvironment to enhance immunotherapy response in melanoma A.E. Vilgelm ^{*1,2} , C.A. Johnson ^{1,2} , G.D. Ayers ³ , D.B. Johnson ⁴ , J. Ecsedy ⁵ , A. Richmond ^{1,2} , ¹ Tennessee Valley Healthcare System, USA, ² Vanderbilt University School of Medicine, USA, ³ Vanderbilt Center for Quantitative Sciences, USA, ⁴ Vanderbilt University Medical Center, USA, ⁵ Takeda Pharmaceuticals International Co, USA
[P127]	Exploring combination immunotherapy targeting 5T4 antigen using heterologous viral-based vaccination regime and checkpoint inhibitors. F. Cappuccini*, E. Pollock, S. Stribbling, A.V.S. Hill, I. Redchenko, <i>The Jenner Institute - University of Oxford, UK</i>
[P129]	Early proliferation of PD-1+ CD8 T cells in peripheral blood following therapy initiation may help predict benefit to PD-1 targeted therapy in lung cancer patients A.O. Kamphorst ^{*1} , R.N. Pillai ¹ , S. Yang ^{1,2} , T.K. Owonikoko ¹ , G. Sica ¹ , T. Nasti ¹ , N.T. Patel ¹ , R. Akondy ¹ , R. Ahmed ¹ , S. Ramalingam ¹ , ¹ Emory University, USA, ² Central South University, China
[P131]	Systemic T cell exhaustion in pancreatic cancer K. Mehla*, P.M. Grandgenett, K.A. O'Connell, J.A. Grunkemeyer, M.A. Hollingsworth, <i>University of Nebraska Medical Center, USA</i>
[P133]	Immunomodulatory effects of ATR kinase inhibition by AZD6738 govern the CD8+ T cell-dependent radiosensitization of murine Kras^{G12D}/Twist1 lung adenocarcinoma F.P. Vendetti ^{*1} , P. Karukonda ¹ , D.A. Clump ¹ , M.J. O'Connor ² , R.L. Ferris ¹ , P.T. Tran ³ , C.J. Bakkenist ¹ , ¹ University of Pittsburgh, USA, ² AstraZeneca, UK, ³ Johns Hopkins University, USA
[P135]	STING activation in the tumor microenvironment using a synthetic cyclic dinucleotide induces potent anti-tumor immunity K.E. Sivick ^{*1} , L.H. Glickman ¹ , A.L. Desbien ¹ , G. Reiner ¹ , N.H. Surh ¹ , B. Francica ¹ , T.E. Hudson ¹ , G.E. Katibah ¹ , L. Corrales ¹ , W. Deng ¹ , ¹ Aduro Biotech, Inc., USA, ² Novartis Institutes for BioMedical Research, USA, ³ Genomics Institute of the Novartis Research Foundation, USA
[P137]	Polysomal profiling reveals differential translational regulation in tumor-associated macrophages in the course of tumor progression M. Bartish*, T. Wallmann, L. Masvidal Sanz, M. Wallerius, V. van Hoef, A-L. Joly, J. Andersson, C. Rolny, O. Larsson, <i>Karolinska Institutet, Sweden</i>
[P139]	AIMp1 is an essential regulator of the T-helper type 1 response D. Liang ^{*1} , L. Tian ¹ , R. You ¹ , M.M. Halpert ¹ , V. Konduri ¹ , Y. Chen ¹ , S. Kim ² , B.E. Gilbert ¹ , J.M. Levitt ¹ , W.K. Decker ¹ , ¹ Baylor college of medicine, USA, ² Seoul National University, Republic of Korea
[P141]	Poncirus fructus suppresses the migration and proliferation of hepatocellular carcinoma cells by inhibition of PIN1 L. Chand*, Y.J. Jeong, <i>Chonbuk National University, Republic of Korea</i>
[P143]	Interferon regulatory factor 5 (IRF5), a new mediator of breast cancer immunogenicity B.J. Barnes*, D.I. Li, <i>The Feinstein Institute for Medical Research, USA</i>
[P145]	Immunosurveillance during the formation and progression of Acute Myeloid Leukemia M. Dudenhöffer-Pfeifer*, A. Ugale, D. Bryder, <i>Lund University, Sweden</i>
[P147]	Deciphering the diversity of somatic alterations and salmonella infection in gallbladder cancer by whole exome sequencing P. Iyer ^{*1} , M. Ranjan ¹ , N. Gardi ² , B. Sahoo ¹ , P. Chandrani ¹ , M. Ramadwar ² , S. Shrikhande ² , A. Dutt ¹ , ¹ Advanced centre for treatment research and education in cancer, India, ² Tata memorial Hospital, India
[P149]	Single cell gene expression profiling identifies population dynamics during T cell exhaustion Z. Chen ^{*1} , Z. Ji ² , J. Johnson ¹ , L. Vella ¹ , R. Herati ¹ , B. Bengsch ¹ , E. Stelekati ¹ , G. Vahedi ¹ , H. Ji ² , E.J. Wherry ¹ , ¹ University of Pennsylvania, USA, ² Johns Hopkins Bloomberg School of Public Health, USA
[P151]	An abnormal expression of FcRn influences NK cell maturation in B16F10 lung experimental metastasis model D. Cadena Castaneda ^{*1} , C. Dhommée ¹ , T. Baranek ¹ , E. Dalloneau ¹ , L. Lajoie ^{1,2} , N. Heuzé-Vourc'h ¹ , V. Gouilleux-Gruart ^{1,2} , ¹ Université François Rabelais, France, ² Laboratoire d'immunologie, France
[P153]	Mechanisms underlying a novel phagocytosis-resistant phenotype in malignant melanoma K.L. Anderson ^{*1} , K. Snyder ¹ , D. Lins ¹ , Y. Shimizu ¹ , I.L. Weissman ² , M. Mescher ¹ , J. Modiano ¹ , ¹ University of Minnesota, USA, ² Stanford University, USA
[P155]	The role of PKCη in Treg mediate tumor immunity using the spontaneous liver tumor model H.L. Liu*, A.A. Altman, <i>LJI, USA</i>
[P157]	The role of sumoylated EKLF in mediating pro- and anti-inflammatory effects Y-C. Shyu ^{*1,2} , C-J. Yang ¹ , ¹ Community Medicine Research Center Chang-Gung Memorial Hospital, Taiwan, ² Institute of Molecular Biology Academia Sinica, Taiwan
[P159]	Chronic infection of candida albicans promotes mouse oral cancer development through the il-1/th17 pathway K-J. Liu ^{*1,2} , W-C. Yang ¹ , P-Y. Chu ^{3,4} , ¹ National Health Research Institutes, Taiwan, ² National Cheng Kung University, Taiwan, ³ Show Chwan Memorial Hospital, Taiwan, ⁴ Fu Jen Catholic University, Taiwan
[P161]	Alerting the immune system by removing epigenetic silencing of TH1 chemokines H.M. Sonnemann*, A.J. Giles, C.M. Reid, M.N.D. Hutchinson, J. Jung, D.M. Park, M.R. Gilbert, <i>National Cancer Institute, USA</i>

Poster Session 2

Tuesday, 13 June 2017, 13:30-14:45

[P002]	NAD metabolism fuels intestinal inflammation and colitis-associated tumorigenesis R.R. Gerner, V. Klepsch, K. Arnhardt, H. Tilg, A.R. Moschen, <i>Innsbruck Medical University, Austria</i>
[P004]	PPARγ regulates a cell-to-cell communication program in human metastatic melanoma cells C. Pich ^{*1} , P. Meylan ¹ , R. Loyon ² , C. Jandus ² , P. Romero ² , L. Michalik ¹ , ¹ University of Lausanne, Switzerland, ² Ludwig Institute for Cancer Research, Switzerland
[P006]	Stroma-derived Insulin-like growth factors drive chemoresistance in pancreatic cancer. L. Ireland ¹ , A. Santos ¹ , S. Ahmed ¹ , C. Rainer ¹ , S. Nielsen ¹ , D. Tuveson ² , D. Engel ² , T. Bogenrieder ^{3,4} , M. Schmid ¹ , A. Mielgo ^{*1} , ¹ University of Liverpool, UK, ² Cold Spring Harbor Laboratory, USA, ³ Boehringer Ingelheim, Austria, ⁴ University of Munich, Germany
[P008]	Vγ9Vδ2 T-cell immunotherapy for patients with acute myeloid leukaemia A.C. Parente-Pereira*, L.M. Whilding, D.M. Davies, T. Zabinski, J. Maher, <i>Kings College London, UK</i>
[P010]	T cells expressing chimeric PD1 receptors that contain a Dap10 costimulatory domain are a potential treatment for multiple types of cancer A. Barber*, K. Deal, G. Parriott, E. Nylen, <i>Longwood University, USA</i>
[P012]	CD95/Fas increases stemness in cancer cells by inducing a STAT1 dependent type I interferon response A.S. Qadir ^{*1} , P. Ceppi ¹ , S. Brockway ¹ , C. Law ¹ , W. Putzbach ¹ , A. Murmann ¹ , M. Peter ¹ , ¹ Feinberg School of Medicine, Northwestern University, USA, ² The University of Chicago, USA, ³ Brown University, USA, ⁴ Case Western Reserve University, USA
[P014]	Clinically compliant spatial and temporal imaging of chimeric antigen receptor T-cells N. Emami-Shahri ^{*1} , J. Foster ² , J. Sosabowski ² , J. Maher ¹ , S. Papa ¹ , ¹ King's College London, UK, ² Barts Cancer Institute, UK
[P016]	Enhancing antitumor immunity by photodynamic therapy with gemcitabine in metastatic 4T1 breast tumor L. Agemy ^{*1} , R. Hamri-Elmoalem ¹ , T. Yechezkel ¹ , N. Kudinova ² , Y. Salomon ¹ , A. Scherz ¹ , ¹ The Weizmann Institute of Science, Israel, ² STEBA biotech, Israel
[P018]	Development of an inhibitory chimeric antigen receptor (ICAR) targeting ErbB1, using PD-1 signalling to overcome on-target off-tumor toxicity when targeting ErbB2 using engineered T cells R.M. Petrovic*, J. Maher, <i>King's College London, UK</i>
[P020]	Heat shock protein 90 inhibitor as therapeutic option for hepatocellular carcinoma S.C. Chen, Y.W. Wang, Y.W. Wang*, <i>University of Macau, Macao</i>
[P022]	A high-throughput assay for screening natural products that enhance NK cell-mediated killing of cancer cells C. Yao*, C.Y. Gong, Z.H. Xu, Z.Y. Ni, X.W. Zhu, L.X. Wang, X.W. Yan, C.P. Zou, S.G. Zhu, <i>Shanghai University of Traditional Chinese Medicine, China</i>
[P024]	Hck, a src family kinase, is associated with inflammatory markers and patient survival in colon cancer. A.K. Roseweir ¹ , A.G.M.T. Powel ² , S. Hortsman ¹ , H.C. Van Wyk ¹ , J.H. Park ¹ , D.C. McMillan ¹ , P.G. Horgan ¹ , J. Edwards ^{*1} , ¹ University of Glasgow, UK, ² University of Cardiff, UK
[P026]	The role of irf5 in mammary gland development and tumorigenesis D. Li*, B. Barnes, <i>Feinstein Institute, USA</i>
[P028]	Opposing signals from TCF1 and type I interferon regulates T cell stemness and exhaustion T. Wu ^{*1} , Y. Ji ² , E. Moseman ³ , H. Xu ⁴ , M. Manglani ³ , P. Lang ⁴ , L. Gattinoni ² , D. McGavern ³ , P. Schwartzberg ¹ , ¹ NHGRI, USA, ² NCI, USA, ³ NINDS, USA, ⁴ Heinrich-Heine-University Dusseldorf, Germany
[P030]	Therapeutic synergy between macrophage blockade and chemotherapy depends on type I IFN signaling and is blunted by reprogrammed neutrophils C. Salvagno ^{*1} , M. Ciampricotti ¹ , S. Tuit ² , S.B. Coffelt ¹ , K. Kersten ¹ , C.H. Ooi ⁵ , J. Jonkers ¹ , J.L. Schultze ² , C. Ries ⁴ , K.E. de Visser ¹ , ¹ Netherlands Cancer Institute, The Netherlands, ² LIMES Institute, Germany, ³ Actelion Pharmaceuticals, Switzerland, ⁴ Roche Innovation Center, Germany, ⁵ Roche Innovation Center, Switzerland
[P032]	Manipulation of CD200R signaling potentiates the anti-cancer effect of TLR7 agonist Z. Pilch ^{*1} , K. Tonecka ¹ , L. Meyaard ² , J. Golab ¹ , T. Rygiel ¹ , ¹ Medical University of Warsaw, Poland, ² University Medical Center Utrecht, The Netherlands
[P034]	Unveiling the cellular and molecular changes of the microenvironment during brain tumor development P. Magod ¹ , L. Agemy ² , L. Rousso-Noori ¹ , D. Friedmann-Morvinski ^{*1} , ¹ Tel Aviv University, Israel, ² The Weizmann Institute of Science, Israel
[P036]	Targeting the hippo pathway for cancer immunotherapy T. Moroishi*, K.L. Guan, <i>University of California, USA</i>
[P038]	Tumor-infiltrating plasma cells shape an anti-tumor response through cross-talk with infiltrating CD8+ T cells in lung cancer patients. H. Kaplon ^{*1,2} , C. Germain ^{1,2} , S. Knockaert ^{1,2} , J. Goc ^{1,2} , P. Validire ^{1,4} , D. Damotte ^{1,5} , A. Lupo ^{1,5} , K. Steele ³ , S. Hammond ³ , M.C. Dieu-Nosjean ^{1,2} , ¹ Cordeliers Research Center, France, ² University Paris Descartes, France, ³ MedImmune, USA, ⁴ Institut Mutualiste Montsouris, France, ⁵ Hotel Dieu Hospital, France

[P040]	Gut microbiota modulate T cell trafficking into human colorectal cancer E. Cremonesi* ¹ , J. Glaus Garzón ² , V. Governa ¹ , V. Mele ¹ , F. Amicarella ¹ , M.G. Muraro ¹ , P. Zajac ¹ , D. Oertli ³ , L. Borsig ² , G. Iezzi ¹ , ¹ University Hospital of Basel, Switzerland, ² University of Zürich, Switzerland, ³ Department of Surgery, University Hospital Basel, Switzerland
[P042]	Distinct trafficking patterns of antigen-specific and non-specific CD8⁺ T cells in and out of murine melanomas M.M. Steele*, A.W. Lund, <i>Oregon Health & Science University, USA</i>
[P044]	The role of JAML-CAR costimulation in cutaneous tumorigenesis J.M. McGraw*, D.A. Witherden, W.L. Havran, <i>The Scripps Research Institute, USA</i>
[P046]	The histone deacetylase inhibitor trichostatin a promotes apoptosis and nk cell mediated-antitumor immunity in hepatocellular carcinoma C.H. Lee* ^{1,2} , M.O. Kim ^{1,2} , K.W. Lee ^{1,2} , ¹ Korea Research Institute of Chemical Technology, Republic of Korea, ² Korea Research Institute of Bioscience & Biotechnology, Republic of Korea
[P048]	Establishing a DNA barcoding approach to track how the immune system and immunotherapies regulate metastatic breast cancer growth at the clonal level S. Junankar* ^{1,2} , G. Al Eryani ^{1,2} , J. Yang ¹ , C. Chan ¹ , B. Fitzpatrick ¹ , A. McFarland ¹ , A. Swarbrick ^{1,2} , ¹ Garvan Institute of Medical Research, Australia, ² UNSW Sydney, Australia
[P050]	Transfer of helicobacter pylori-pulsed dendritic cells induces th2 type directed immune responses in mice D-H. Lee, J-H. Ha, S-W. Kwon, M-J. Cho, M-K. Shin*, W-K. Lee, <i>Gyeongsang National University School of Medicine, Republic of Korea</i>
[P052]	Antibody therapy targeting CD47 and CD271 effectively suppresses melanoma metastasis. A. Boiko*, A. Han, M. Ngo, <i>University of California at Irvine, USA</i>
[P054]	Preferential infection of malignant B-cells by Coxsackievirus-A21 M. Holmes*, L. Muller, J. Hopper, G. Scott, F. Errington-Mais, <i>University of Leeds, UK</i>
[P056]	Modulation of myeloid antigen-presenting cells by tumor products J.M. Motta*, V.M. Rumjanek, M.S.G. Pavão, <i>Federal University of Rio de Janeiro, Brazil</i>
[P058]	Tumor-initiating cells cannot form secondary tumors in the presence of an Interleukin-1 mediated innate immune response generated by the primary tumor C.L. Chaffer* ^{1,2} , Z. Castano ^{3,4} , A. Spiegel ² , A. Pant ¹ , ¹ Garvan Insitute of Medical Research, Australia, ² Whitehead Institute for Biomedical Research, USA, ³ Harvard Medical School, USA, ⁴ Brigham and Women's Hospital, USA, ⁵ Broad Institute of Harvard and MIT, USA
[P060]	Induction of immunogenic cell death and host immune response potentiates the anti-tumor activity of anti-B-cell maturation antigen antibody-drug conjugate GSK2857916 A.S. Alavi*, P.A. Mayes, N. Vitali, S. Bhattacharya, L. Tsvetkov, L. Seestaller-Wehr, H. Shi, H. Jackson, H. Kaczynski, D. Cooper, <i>GlaxoSmithKline, USA</i>
[P062]	Platelet integrin alpha6 beta1 promotes tumor metastasis E. Mammadova-Bach ¹ , P. Zigrino ³ , S.I. Abrams ² , C. Gachet ¹ , P.H. Mangin* ¹ , ¹ University of Strasbourg, France, ² Roswell Park Cancer center, USA, ³ University of Cologne, Germany
[P064]	Targeted cancer cell therapy, using an aptamer chimera to block proinflammatory IL6/ Stat3 signaling, enhances apoptosis and tumor reduction in mouse model of Retinoblastoma. B. Jayashree*, S. Krishnakumar, B.S. Lakshmi, V. Sailaja Elchuri, <i>Sankara Nethralaya, India</i>
[P066]	Pathophysiological influence of NOD sensors in breast cancer cell lines. F.J. Velloso* ¹ , C.D. Pereira ¹ , M.C. Sogayar ¹ , R.G. Correa ² , ¹ University of São Paulo Medical School, Brazil, ² Sanford Burnham Prebys Medical Discovery Institute, USA
[P068]	Ouabain effects on B and T cells in a B16F10 mouse melanoma model J.M. da Silva, M.P. Teixeira*, A.M. Azevedo, R.C. Aleixo, L.Z. Albuquerque, M.L. Campos, L.S. de Paiva, <i>Universidade Federal Fluminense, Brazil</i>
[P070]	Do APOBEC proteins contribute to genomic instability in colitis-associated colorectal cancer? L. Alsøe* ^{1,2} , A.B. Wennerström ² , Y. Liu ² , Q.Y. Esbensen ² , R. Bjørseth ² , C. Penz ² , T. Øresland ² , S.N. Andersen ^{1,2} , H. Nilsen ^{1,2} , S. Brackmann ^{1,2} , ¹ University of Oslo, Norway, ² Akershus University Hospital, Norway
[P072]	The lymphatic vasculature as an immune biomarker in human melanoma J. Femel* ¹ , T. Tsujikawa ¹ , A. Chowdhury ² , G. Thibault ¹ , J. Booth ¹ , B. Yener ² , A.W. Lund ¹ , ¹ Oregon Health and Science University, USA, ² Rensselaer Polytechnic Institute, USA
[P074]	S1P lyase deficiency in colon versus hematopoietic cells resulting in highly distinctive spatio-temporal patterns of carcinogenesis and associated immune microenvironment A. Schwiebs ¹ , M. Herrero San Juan ¹ , E. Wiercinska ² , M. Anlauf ³ , K.G. Schmidt ¹ , D. Thomas ¹ , A. Weigert ¹ , H. Böning ^{2,4} , K. Scholich ¹ , H.H. Radeke* ¹ , ¹ Clinic of the Goethe University, Germany, ² Goethe University, Germany, ³ St. Vincenz Hospital, Germany, ⁴ University of Washington, USA
[P076]	Deletion of histone trimethyltransferase SETD2 enhances intestinal tumorigenesis through a global loss of histone 3 lysine 36 trimethylation W. Liu*, M. Liu, L. L. W-Q. Gao, <i>Shanghai Jiao Tong University, China</i>
[P078]	Universal chimeric antigen receptors for multiplexed and logic control of T cell responses W.W. Wong, <i>Boston University, USA</i>

[P080]	RAS reshapes the immune landscape of lung adenocarcinoma and is predicted to increase adenosine level in the TME S. de Carné*, P. East, J. Downward, <i>The Francis Crick Institute, UK</i>
[P082]	Protein phosphatase metal-dependent 1A (PPM1A) is an novel immunomodulator that regulates the microenvironment homeostasis H. Ben-Dov*, L. Backal, R. Ben-Dov, I. Sogolovsky-Bard, D. Ben-Meir, A. Barzilai, S. Lavi, <i>Tel-Aviv University, Israel</i>
[P084]	Targeting DAMP-induced inflammation to prevent cancer metastasis E. Holl*, D. Boczkowski, S. Nair, D. Bigner, M. Gromeier, <i>Duke University, USA</i>
[P086]	Reprogramming tumor associated macrophages by antibody targeting inhibits cancer progression and metastasis M.C.I. Karlsson*, A-M. Georgoudaki, <i>Karolinska Institutet, Sweden</i>
[P088]	Visualizing the mechanism of action of anti-CD20 therapy using intravital two-photon microscopy C.L. Grandjean ^{1,2} , F. Montalvao ^{1,2} , S. Celli ^{1,2} , D. Michonneau ^{1,2} , B. Breart ^{1,2} , Z. Garcia ^{1,2} , M. Perro ³ , O. Freytag ³ , C.A. Gerdes ³ , P. Bouso ^{1,2} , ¹ Institut Pasteur, France, ² INSERM U1223, France, ³ Roche Innovation Center Zurich, Switzerland
[P090]	The tumor suppressive function of FBP1 in hepatocellular carcinoma F.M. Li ¹ , P.W. Huang ¹ , M. Spata ¹ , K.E. Lee ¹ , P. Lee ¹ , B. Li ² , B. Keith ¹ , M.C. Simon ¹ , ¹ University of Pennsylvania, USA, ² Sun Yat-Sen University, China
[P092]	Oncogenic fusion proteins of receptor tyrosine kinases K.N. Nelson ¹ , D.J. Donoghue ^{1,2} , ¹ University of California, USA, ² Moore's UCSD Cancer Center, USA
[P094]	An inflammatory gene expression signature identifies MEK inhibitor resistance in KRAS-mutant colorectal cancer S. Wagner, C. Mancusi, G. Vlachogiannis, C. Bryant, N. Valeri, S. Whittaker*, <i>The Institute of Cancer Research, UK</i>
[P096]	The role of inflammatory cytokines in the expression pattern of foxp3-isoform of adult T-cell leukemia. S.H. Juang ^{1,2} , C.Y. Chiang ¹ , F.P. Liang ¹ , ¹ Tajen University, Taiwan, ² China Medical University Hospital, Taiwan
[P098]	Microbial-derived butyrate induces activation of DNA damage response limiting proliferation of colon epithelial cells T. Irrazabal, S. Li, S. Oke, A. Martin*, <i>University of Toronto, Canada</i>
[P100]	Characterization of the metabolic changes in cancer following a curative adoptive T-cell therapy in mice G. Zhou*, T. Habetsion, Z. Ding, <i>Augusta University, USA</i>
[P102]	The role of androgen receptor signaling in macrophage differentiation in the human prostate cancer microenvironment B. Cioni, E. Nevedomskaya, S. Stelloo, M.H.M. Melis, J. Van Burgsteden, J. De Jong, H. Van der Poel, J.P. De Boer, W. Zwart, A.M. Bergman*, <i>The Netherlands Cancer Institute (NKI), The Netherlands</i>
[P104]	Interactions between adipocytes and breast cancer cells stimulate cytokine production and drive Src/Sox2/miR-302b mediated malignant progression M. Picon-Ruiz ^{1,2} , C. Pan ¹ , K. Drews-Elger ¹ , K. Jang ¹ , A.H. Besser ¹ , D. Zaho ¹ , C. Morata-Tarifa ¹ , M. Kim ¹ , T.A. Ince ¹ , D.J. Azzam ¹ , ¹ University of Miami Miller School of Medicine, USA, ² University of Granada, Spain
[P106]	Development of multiple clinically relevant syngeneic and orthotopic models of prostate cancer J.F. Anker*, S.A. Abdulkadir, P. Thumbikat, <i>Northwestern University, USA</i>
[P108]	Towards intravital imaging of cytotoxic cell-mediated delivery of granzymes in tumor cells L. Shan, J. Meeldijk, N. Bovenschen*, <i>University Medical Center, The Netherlands</i>
[P110]	Macrophage-derived vascular endothelial growth factor C re-directs hematogeneous metastatic dissemination by normalizing the tumor vasculature T. Wallmann ¹ , M. Wallerius ¹ , L. Landwehr ¹ , D. Agardy ¹ , M. Squadrito ² , M. Bartish ¹ , M. De Palma ² , C. Rolny ¹ , ¹ Karolinska Institute, Sweden, ² Ecole Polytechnique Federale de Lausanne, Switzerland
[P112]	The role of FIH in tumorigenesis J. Ma*, X. Lu, <i>Oxford University, UK</i>
[P114]	The relationship between local adaptive and innate immune responses, the systemic inflammatory response and survival of patients with colorectal cancer F.A. Ross*, J.H. Park, P.G. Horgan, D.C. McMillan, C.S.D. Roxburgh, <i>University of Glasgow, UK</i>
[P116]	Semaphorin3A re-educates myeloid derived suppressor cells towards a pro-inflammatory phenotype M. Wallerius*, M. Bartish, T. Wallmann, J. Andersson, C. Rolny, <i>Karolinska Institute, Sweden</i>
[P118]	Targeted overexpression of prostacyclin synthase inhibits murine lung cancer progression by recruiting CD4+ T lymphocytes H.Y. Li ^{1,2} , M. McSharry ² , D. Walker ² , B. Bullock ² , A. Neuwelt ² , J. Kwak ² , J. Poczobutt ² , M.C.M. Weiser-Evans ² , E. Clambey ² , R.A. Nemenoff ² , ¹ Denver VA Medical Center, USA, ² University of Colorado Anschutz Medical Campus, USA
[P120]	The two-faced cancer neo-epitope: Innovative immunoinformatic approaches for mutanome-directed cancer immunotherapy L. Moise ^{1,2} , G. Richard ¹ , F. Terry ¹ , W. Martin ¹ , A. De Groot ^{1,2} , ¹ EpiVax, Inc., USA, ² University of Rhode Island, USA
[P122]	NF-E2-related factor 2 (NRF2) cross-talks with HER receptor signalling pathway to modulate the anticancer effectiveness of RTK inhibitors in ovarian cancer cells. Y.Y. Deeni ¹ , I.H. Kankia ¹ , H.S. Khalil ¹ , S.P. Langdon ² , D.J. Harrison ³ , J.L. Bown ¹ , ¹ Abertay University, UK, ² University of Edinburgh, UK, ³ University of St Andrews, UK

[P124]	First generation IL-12 secreting CAR T cells eradicate tumor D. Wijewarnasuriya ^{*1} , R. Brentjens ^{2,3} , ¹ Weill Cornell Graduate School of Medical Sciences, USA, ² Sloan Kettering Institute, USA, ³ Memorial Sloan Kettering Cancer Center, USA
[P126]	Systematic characterization of tumor-immune interactions during pressurized culturing conditions replicating the metastatic microenvironment reveals differential expression of PD-1, PD-L1, CTLA-4 and LAG3 L. Cassereau, Y. Li, T. Chow, B. Downie, B. Adams, J. Lim [*] , Xcell Biosciences, USA
[P128]	The role of distinct migratory DC subsets during productive anti-tumor responses M. Binnewies [*] , A. Mujal, E. Hardison, M. Krummel, University of California, USA
[P130]	Macrophages and circulating tumor cells in prostate cancer: guilty by association. M. Gaczynska [*] , S. Jiang, C. Killer, B. Chatterjee, T. Huang, P.A. Osmulski, The University of Texas Health Science Center, USA
[P132]	Modulating nucleophagy alleviates aneuploidy-driven inflammatory stress L. Kolla [*] , D.P. Rosenberg, D. Heo, S. Barlow, A. Maximova, W.J. Buchser, The College of William and Mary, USA
[P134]	NOD2 attenuates colorectal tumorigenesis via downregulation of the TLR signaling pathways S.M. Uddeen, L. Peng, H. Zaki [*] , UT Southwestern Medical Center, USA
[P136]	Characterizing the immune microenvironment of ductal carcinoma in situ V.C. Sinha [*] , F. Yang, A.L. Rinkenbaugh, X. Zhou, X. Zhang, J. Rodriguez-Canales, I.I. Wistuba, A. Thompson, H. Piwnica-Worms, The University of Texas MD Anderson Cancer Center, USA
[P138]	Inhibition of formyl peptide receptor 1 (Fpr1) reduces the efficacy of anticancer chemotherapy against carcinogen-induced breast cancer E.E. Baracco [*] , F. Pietrocola, A. Buquè, N. Bloy, L. Senovilla, L. Zitvogel, E. Vacchelli, G. Kroemer, Gustave Roussy Cancer Campus, Villejuif, France; INSERM, Paris, France
[P140]	Caloric restriction mimetics enhance anticancer immunosurveillance F. Pietrocola ^{1,3} , J. Pol ^{1,3} , E. Vacchelli ^{1,3} , S. Rao ² , D.P. Enot ¹ , E.E. Baracco ^{1,3} , S. Levesque ^{1,3} , F. Castoldi ^{*1,3} , N. Jacquelot ¹ , T. Yamazaki ¹ , ¹ Gustave Roussy Cancer Campus, France, ² Institute for Molecular Biotechnology of the Austrian Academy of Sciences, Austria, ³ Centre de Recherche des Cordeliers, France, ⁴ University of Ferrara, Italy, ⁵ CNRS and University, France, ⁶ University of Cape Town, South Africa, ⁷ Université de Bourgogne, France, ⁸ University of Graz, Austria, ⁹ University of Texas Southwestern Medical Center, USA
[P142]	CTHRC1 promotes angiogenesis by recruiting Tie-2 expressing monocytes to pancreatic tumors S.H. kim [*] , J.M. Lee, Korea Research Institute of Bioscience and Biotechnology, Republic of Korea
[P144]	PTEN loss associates with differential cancer cell type i interferon responses in prostate cancer N. Vitkin [*] , A. Ghaffari, N. Peterson, D.R. Siemens, M. Koti, Queen's University, Canada
[P146]	NF-κB1 (p50) is a suppressor of macrophage driven inflammation in H. pylori associated gastric carcinogenesis S. Gupta [*] , K. Ponnusamy, R. Chaturvedi, JNU, India
[P148]	PSGL-1 is a negative regulator of effector, exhausted, and memory T cells R. Tinoco, F. Carrette, M.L. Barraza, D.C. Otero, L.M. Bradley [*] , Sanford Burnham Prebys Medical Discovery Institute, USA
[P150]	Differential effects of blocking PD-1 and CTLA-4 pathway in regulating virus-specific CD4 and CD8 T cells during chronic LCMV infection J. Lee ^{*1} , M. Hashimoto ¹ , S. Im ¹ , J. Allison ² , R. Ahmed ¹ , ¹ Emory University, USA, ² MD Anderson Cancer Center, USA
[P152]	Deep immune profiling of T cell exhaustion reveals disease-specific features in chronic viral infection and cancer B. Bengsch ^{*1,3} , T. Ohtani ¹ , O. Khan ¹ , S. O'Brien ¹ , P. Gherardini ³ , R. Herati ¹ , E. Newell ² , S. Albelda ¹ , E. Wherry ^{1,3} , ¹ University of Pennsylvania, USA, ² A*STAR, Singapore, ³ The Parker Institute for Cancer Research, USA
[P154]	A tale of tales - a novel approach to prostate cancer immunotherapy C. Sakellariou ¹ , D. Smolarek ¹ , O. Elhage ¹ , E. Papaevangelou ¹ , A. Dalglish ^{1,2} , R. Smith ¹ , P. Dasgupta ¹ , C. Galustian ^{*1} , ¹ Kings College London, UK, ² St Georges University of London, UK
[P156]	The death-associated protein kinase functions in immune system to regulate T cell tolerance, autoimmunity and antitumor immunity T.F. Chou [*] , M.Z. Lai, IMB, Academia Sinica, Taiwan
[P158]	Bioluminescent assays to interrogate cellular energy metabolism and cell viability in cancer immunotherapy research S. Edenson [*] , M. Valley, D. Leippe, S. Duellman, N. Karassina, J. Vidugiriene, Promega Corporation, USA
[P160]	Identification of Th1 epitopes in lung adenocarcinoma antigens to develop a therapeutic multi-antigen vaccine L. Riobobos [*] , E. Gad, M.L. Disis, University of Washington, USA