AACR Meeting 2019 Participation

Educational Session:
**Friday, March 29**
3:30 – 3:55 PM
**Location:** Marcus Auditorium- Bldg A-GWCC
*Predicting immunotherapy response with protein-based tools: PD-L1 and beyond*
David L. Rimm

*Cancer Research Early Career Award*
Mandar Muzumdar, MD
*Adaptive and Reversible Resistance to Kras Inhibition in Pancreatic Cancer Cells*

Educational Session:
**Saturday, March 30**
10:15 – 10:40 AM
**Location:** Room A411 - Georgia World CC
*Immune-based therapies: Predictors of benefit*
Mario Sznol

Methods Workshop:
**Saturday, March 30**
8:00 – 10:00 AM
**Location:** Room B206 - Georgia World CC
**Chairperson:** Patricia M. LoRusso

Methods Workshop:
**Saturday, March 30**
8:00 – 8:25 AM
**Location:** Room B206 - Georgia World CC
*How to develop trial objectives: Translation of science from bench to bedside to bench*
Patricia M. LoRusso
Methods Workshop:
Saturday, March 30
10:15 AM – 12:15 PM
Location: Room B206 - Georgia World CC
Chairperson: Patricia M. LoRusso

Methods Workshop:
Saturday, March 30
1:00 PM – 3:00 PM
Location: Room B206 - Georgia World CC
Chairperson: Patricia M. LoRusso

Poster Session:
Sunday, March 31
1:00 - 5:00 PM
Location: Section 13
Hypoxia induces EGFR inhibitor resistance in lung cancer cells via fibroblast growth factor receptor 1 (FGFR1) by promoting epithelial-mesenchymal transition (EMT)
Authors: Yuhong Lu, Gary J. Zhang, Peter M. Glazer

Poster Session:
Sunday, March 31
1:00 - 5:00 PM
Location: Section 14
E2F8 induces proliferation and invasion through the epithelial-mesenchymal transition and notch signaling pathways in ovarian cancer
Authors: Kyung Jin Eoh, Jong Woo Lee, Young Tae Kim, Peter Jaseok Koo

Poster Session:
Sunday, March 31
1:00 - 5:00 PM
Location: Section 15
Deoxymab: A targeted biologic that is synthetically lethal to TNBC brain metastases
Authors: Shenqi Zhang, Christopher May, Anupama Shirali, Valentina Dubljevic, James A. Campbell, Jiangbing Zhou, James E. Hansen

Poster Session:
Sunday, March 31
1:00 - 5:00 PM
Location: Section 35
Obesity-associated, but not obesity-independent, tumors respond to insulin by increasing mitochondrial glucose oxidation
Authors: Aviva Rabin-Court, Gerald I. Shulman, Rachel J. Perry
Major Symposium:
Sunday, March 31
1:30 – 1:50 PM
Location: Georgia Ballrm 1- Bldg C- GWCC
Hyperinsulinemia mediates the effect of obesity to promote tumor growth in murine breast and colon cancer
Rachel J. Perry

Exhibitor Spotlight Presentation:
Sunday, March 31
1:30 - 2:30 PM
Location: Exhibit Theatr B- Hall B- GWCC
Invited Speaker: David L. Rimm

Minisymposium
Sunday, March 31
3:00 – 5:00 PM
Location: Room A315 - Georgia World CC
Chairperson: Joseph N. Contessa

Special Session:
Sunday, March 31
3:20 - 3:40 PM
Location: Georgia Ballrm – Bldg C – GWCC
The role of EZH2 gain of function mutations in lymphomagenesis
Authors: Wendy Béguelin, Cem Meydan, Matt Teater, Dylan R. McNally, Maria T. Calvo-Fernandez, Jude Phillip, Leandro Venturutti, Alexey S. Soshnev, Kenneth Hoehn, Luka Mesin, Gabriel D. Victora, Olivier Elemento, Steven Kleinstein, Ari Melnick

Networking Hub:
Sunday, March 31
6:30 – 8:00 PM
Location: Internatl Ballroom- Omni Hotel
Metabolism
Rachel J. Perry

Poster Session:
Monday, April 1
8:00 AM - Noon
Location: Section 35
Investigating the role of RAD51AP1 in homologous recombination DNA repair
Authors: Elena Pires, Neelam Sharma, Claudia Wiese, Patrick Sung, Weixing Zhao
Phase Ib/II of CD40 agonistic antibody APX005M in combination with nivolumab (nivo) in subjects with metastatic melanoma (M) or non-small cell lung cancer (NSCLC)


Phase Ib safety, preliminary anti-leukemic activity and biomarker analysis of the polo-like kinase 1 (PLK1) inhibitor, onvansertib, in combination with low-dose cytarabine or decitabine in patients with relapsed or refractory acute myeloid leukemia

Authors: Amer M. Zeidan, Pamela Becker, Alexander I. Spira, Prapti A. Patel, Gary J. Schiller, Michaela L. Tsai, Tara L. Lin, Maya Ridinger, Mark Erlander, Sandra L. Silberman, Jorge E. Cortes

YIV-906 (PHY906) enhanced the anti-tumor activity of immune checkpoint blockade therapy (Anti-PD1) against liver cancer by changing the tumor micro-environment associated with M1 macrophages infiltration

Authors: Wing Lam, Xiaochen Yang, Zaoli Jiang, Xue han, Fulan Guan, Rong Hu, Chang-Hua Xu, Wei Cai, William Cheng, Shwu-Huey Liu, Yuping Cai, Nicholas Rattray, Caroline Johnson, Lieping Chen, Yung-chi Cheng

Are we underestimating cancer mortality? A mediation model shows a larger impact from smoking

Authors: Ronald C. Eldridge, W. Dana Flanders, Colin Adler, Deborah W. Bruner, Canhua Xiao
**Major Symposium**
**Monday, April 1**
3:00 – 3:45 PM
**Location:** Room A402 - Georgia World CC
**Chairperson:** Roy S. Herbst

**Minisymposium:**
**Monday, April 1**
3:00 – 5:00 PM
**Location:** Room B312 – Georgia World CC
**Chairperson:** Kurt Alex Schalper

**Minisymposium:**
**Monday, April 1**
3:20 – 3:35 PM
**Location:** Room B312 – Georgia World CC
Immune profiling of in NSCLC shows expression of PD-L1 in macrophages is better associated with outcomes than PD-L1 in tumor cells in PD-1 axis immunotherapy treated patients
Yuting Liu, Jon Zugazagoitia, Brian Henick, Kurt A. Schalper, David L. Rimm

**Poster Session:**
**Tuesday, April 2**
8:00 AM – Noon
**Location:** Section 4
Vesal Yaghoobi
Vesal Yaghoobi, Vasiliki Pelekanou, Tess O'Meara, Andrea Silber, Lajos Pusztai, David Rimm

**Poster Session:**
**Tuesday, April 2**
8:00 AM – Noon
**Location:** Section 12
Uncovering adaptive mechanisms of resistance to targeted therapy in brain metastasis
Authors: Sally J. Adua, Minghui Zhao, Paul Smith, Darren A. E. Cross, Don X. Nguyen
Poster Session:
Tuesday, April 2
8:00 AM – Noon
Location: Section 20
A CD274, PDCD1LG2, CD8A, and IRF1 multiplex in a closed system RT-qPCR panel and immunotherapy outcome in metastatic melanoma
Authors: Swati Gupta, Leena McCann, Yvonne G.Y. Chan, Edwin W. Lai, Pok Fai Wong, James W. Smithy, Jodi Weidler, Brian Rhees, Michael Bates, Harriet M. Kluger, David L. Rimm

Poster Session:
Tuesday, April 2
8:00 AM – Noon
Location: Section 21
Quantitative measurement of Siglec-15 expression in non-small cell lung cancer and its association with PD-L1, B7-H4 and tumor infiltrating lymphocytes
Authors: Maria Toki, Jon Zugazagoitia, Mehmet Altan, Linda Liu, Nikita Mani, Yuting Liu, Konstantinos Syrigos, Lieping Chen, Solomon Langermann, Roy Herbst, David Rimm

Poster Session:
Tuesday, April 2
8:00 AM – Noon
Location: Section 22
Transimmunization prevents recurrence and reprograms the immune milieu in a mouse model of ovarian cancer
Authors: Ayesha B. Alvero, Douglas Hanlon, Mary Pitruzzello, Renata Filler, Eve Robinson, Olga Sobolev, Roslyn Tedja, Alessandra Ventura, Richard L. Edelson, Gil Mor

Poster Session:
Tuesday, April 2
8:00 AM – Noon
Location: Section 30
Transdisciplinary research in energetics and cancer (TREC) early career investigator training program: First year results
Authors: Melinda L. Irwin, Diana K. Lowry, Marian L. Neuhouser, Jennifer Ligibel, Kathryn Schmitz, Ruth E. Patterson, Graham Colditz, Fangyong Li, Linda Nebeling

Poster Session:
Tuesday, April 2
8:00 AM – Noon
Location: Section 30
Comparing clinical value scores (NCCN, ASCO and ESMO) for TTFields treatment in glioblastoma
Authors: Justin Kelly, Christina Proescholdt, Nicholas A. Blondin
Poster Session:
Tuesday, April 2
8:00 AM – Noon
Location: Section 31
Leveraging protein dynamics to identify mutational hotspot communities in cancer driver genes
Authors: Sushant Kumar, Declan Clarke, Mark Gerstein

Major Symposium:
Tuesday, April 2
10:30 AM – 12:15 PM
Location: Murphy Ballrm – Bldg B – GWCC
Chairperson: Peter M. Glazer

Major Symposium:
Tuesday, April 2
11:05 AM – 11:30 AM
Location: Murphy Ballrm – Bldg B – GWCC
Oncometabolites suppress homologous recombination DNA repair by inhibition of chromatin remodeling at the DNA double-strand break
Parker S. Sulkowski, Sebastian Oeck, Jing Li, Brian Shuch, Megan C. King, Ranjit S. Bindra, Peter M. Glazer

Poster Session:
Tuesday, April 2
1:00 PM – 5:00 PM
Location: Section 15
PLK4 inhibition as a strategy for non-small cell lung cancer radiosensitization
Authors: Thomas J. Hayman, Mark R. Bray, Jacqueline M. Mason, Tak W. Mak, Joseph N. Contessa

Poster Session:
Tuesday, April 2
1:00 PM – 5:00 PM
Location: Section 15
Oligosaccharyltransferase inhibition reduces glioma cell invasion and migration
Authors: Marta Baro, Jann N. Sarkaria, Joseph N. Contessa
**Poster Session:**
**Tuesday, April 2**
1:00 PM – 5:00 PM  
**Location:** Section 17  
*KEYNOTE-495*/KeyImPaCT: Phase II biomarker-directed precision oncology study of pembrolizumab-based combination therapy for non-small cell lung cancer  
Authors: Martin Gutierrez, Matthew D. Hellmann, Matthew Gubens, Charu Aggarwal, Daniel Shao Weng Tan, Enriqueta Felip, Joanne Wing Yan Chiu, Jong-Seok Lee, James Chih-Hsin Yang, Edward Garon, Andrea D. Basso, Hua Ma, Lawrence Fong, Alex Snyder, Jianda Yuan, Roy S. Herbst

**Poster Session:**
**Tuesday, April 2**
1:00 PM – 5:00 PM  
**Location:** Section 35  
*Oscillatory HIF-1α induction promotes proliferation of hypoxic cells through a lactate dependent quorum autophagy response*  
Authors: Kshitiz, Junaid Afzal, Yasir Suhail, Hao Chang, Chi V. Dang, Andre Levchenko

**Major Symposium:**
**Tuesday, April 2**
1:05 PM – 1:30 PM  
**Location:** Marcus Auditorium - Bldg A-GWCC  
*Epigenetic therapies in GI cancers: Where do we go next?*  
Authors: Nita Ahuja

**Minisymposium**
**Tuesday, April 2**
3:00 – 5:00 PM  
**Location:** Room B405 - Georgia World CC  
**Chairperson:** Abhijit Patel

**Poster Session:**
**Wednesday, April 3**
8:00 AM - Noon  
**Location:** Section 3  
*BMX-Seq as a new resource for deciphering the transcriptomic hallmarks of tumor plasticity and stromal interactions in brain metastasis*  
Authors: Emily Wingrove, Zongzhi Z. Liu, Don X. Nguyen, Anna Arnal-Estape, Kiran D. Patel, Mary-Ann Melnick, Katerina Politi, Manuel Valiente, Harriet M. Kluger, Veronica L. Chiang
**Poster Session:**
**Wednesday, April 3**
8:00 AM - Noon

**Location:** Section 6

*The YUMMER.G mouse melanoma model recapitulates the heterogeneous response to immune checkpoint blockade based on patient sex*
Authors: Julie Y. Ramseier, Alexandra Charos, Koonam Park, William Damsky, Marcus W. Bosenberg

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**Poster Session:**
**Wednesday, April 3**
8:00 AM - Noon

**Location:** Section 14

*Sacituzumab Govitecan (IMMU-132) in uterine serous carcinoma*
Authors: Salvatore Lopez, Chanhee Han, Burak Zeybek, Elena Bonazzoli, Anna Bianchi, Paola Manara, Stefania Bellone, Aranzazu Manzano, Emanuele Perrone, Luca Zammataro, Gary Altwerger, Alessandro D. Santin

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**Advances in Diagnostics and Therapeutics:**
**Wednesday, April 3**
10:15 AM - Noon

**Location:** Marcus Auditorium - Bldg A-GWCC

**Chairperson:** Joseph N. Contessa

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**Advances in Diagnostics and Therapeutics:**
**Wednesday, April 3**
10:15 - 10:35 AM

**Location:** Marcus Auditorium - Bldg A-GWCC

*Partial inhibition of N-linked glycosylation: genetics and pharmacology*
Joseph N. Contessa

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**Plenary Session:**
**Wednesday, April 3**
1:10 PM – 1:35 PM

**Location:** Hall A – Convention Center

*Clinical Research and Clinical Trials and Therapeutics*
Patricia M. LoRusso