Immune Assessment Symposium
October 5 & 6, 2023 • Northwestern Memorial Hospital, Feinberg Pavilion • Chicago, Illinois

Thursday, October 5

8:00 a.m.  Registration & Continental Breakfast
8:45 a.m.  Opening Remarks
          Leonidas Platanias, MD, PhD
          Director, Lurie Cancer Center
9:00 a.m.  Multiomics and Cross-Trial Analyses of Biomarkers for Responses to Cancer Therapy
          Sacha Gnjatic, PhD
          Icahn School of Medicine
10:00 a.m. Selected Abstracts: Biomarkers
          Abstracts 1-2
10:40 a.m. Break & Exhibits
11:00 a.m. Selected Abstracts: Biomarkers
          Abstracts 3-5
12:00 p.m. Lunch & Exhibits
1:00 p.m.  Utility of Proliferative CD8 T Cell Response from a Peripheral Blood Analysis to Predict Response to Immunotherapy
          Rebecca Obeng, MD, PhD, MPH
          Case Comprehensive Cancer Center
2:00 p.m.  Selected Abstracts: (Pre)Clinical Trials
          Abstracts 6-10
3:40 p.m.  Break & Exhibits
4:00 p.m.  SOLDANO FERRONE LECTURE
          Immune Assessment in Cancer-Related Clinical Trials
          Herbert Kim Lyerly, MD
          Duke University
5:00 p.m.  Welcome Reception & Poster Displays
6:30 p.m.  Adjourn

Friday, October 6

8:00 a.m.  Registration & Continental Breakfast
9:00 a.m.  Addressing Drug Delivery and Refining Patient Selection to Improve Outcomes for Immunotherapy for Gliomas
          Adam Sonabend Worthalter, MD
          Lurie Cancer Center
10:00 a.m. Selected Abstracts: (Pre)Clinical Trials
          Abstracts 11-12
10:40 a.m. Break & Exhibits
11:00 p.m. Immune Monitoring: Everything Everywhere All at Once
          José Guevara-Patiño MD, PhD
          Moffitt Cancer Center
12:00 p.m. Selected Abstracts: Technical Advances
          Abstracts 13-15
1:00 p.m.  Lunch, Exhibits & Poster Displays
2:00 p.m.  Lessons Learned from Vaccination Against Cancer
          Lisa Butterfield, PhD
          University of California at San Francisco
3:00 p.m.  Current Immune Assessment Practices and Standards Panel Discussion
                  Panel moderated by
          Holden Maecker, PhD
          Stanford University
4:00 p.m.  Adjourn

Selected abstract speakers and titles are provided on the reverse
Selected Abstract Presentations: Biomarkers
Chairs: Bin Zhang, MD, PhD & Holden Maecker, PhD

1. Thursday - 10:00 a.m.
Ariun Kharel, Jian Shen, Ryan Brown, Yao Chen, Christine Nguyen, Donia Alson, Theresa Bluemn, Matthew Kudek, Nan Zhu, Weiguo Cui: Loss of PBAF promotes Effector Differentiation and Limits CD8 exhaustion

2. Thursday - 10:20 a.m.
Victor Karwacinski, Tatiana Carneiro-Lobo, Cheryl Olson, Mayerli Constante, Puja Pradhan, Pinar Mesci, Alysson R Muotri, Daniel J Brat: TAMS and hypoxia enhance glioblastoma stem-like cell enrichment

3. Thursday - 11:00 a.m.
Marihan Hegazy, Quinn Roth-Carter, Jennifer Koetsier, Xin Tong, Amber Huffine Bogart, Rosemary DiDominicis, Dongmei Wang, Charlotte Reed, Rui Yi, Ziyou Ren, Lisa Godsel, Kathleen Green: Epidermal development and inflammation are linked through Desmoglein-1

4. Thursday - 11:20 a.m.
William Q Nguyen, Lauren P Chrisman, Teresa Griffin, Gail Enriquez, Madeline J. Hooper, Lindsey Ayannruoh, Jacqueline Maher, Joan Guitart, Michael Burns, Xiaolong (Alan) Zhou: Gut microbial profiles may predict NB-UVB response in CTCL patients

5. Thursday - 11:40 a.m.
Radhika Iyer, Shengnan Wang, Ming Yan, Deyu Fang: CRISPR Screening identifies ATXN3 as a Positive Regulator of PD-L1

Selected Abstract Presentations: (Pre)Clinical Trials
Chairs: Deyu Fang, PhD & Surya Pandey, PhD

6. Thursday - 2:00 p.m.
Sarah E Fenton, Markella Zannikou, Briana Hryhorsyk, Liliana Ilut, Mariafauza Fischietti, Chumni Ji, Chidera V Oku, Curt M Horvath, I Caroline Le Poole, Marcus Bosenberg, Elizabeth T Bartom, I Caroline Le Poole, Marcus Bosenberg, Elizabeth T Bartom, Masha Kocherginsky, Leonidas C Platanias, Diana Saleiro: Regulation of IFN-gamma signaling to increase responses to ICIs

7. Thursday - 2:20 p.m.
Sangeeta Kowli, Caroline Duault, Netra Unni Rajesh, Elysse N. Grossi-Soyer, Tyson H. Holmes, Holden T. Maecker: CYTOF reveals chronic activation of CD8+ cell subsets in melanoma patients

8. Thursday - 2:40 p.m.
Rohan Shivde, Serena Gacek, Irina Balyasnikova, Caroline Le Poole: TYRP1-reactive bispecifics and CAR T-cells contain melanoma tumors in mice

9. Thursday - 3:00 p.m.
Hui Tang, Ping Xie, Jihae Ahn, Miran Choi, Jie Fan, Rachel Orpano, Bin Zhang: Reprogramming of tumor-induced granulopoiesis overcomes ICT resistance

10. Thursday - 3:20 p.m.
Y. David Seo, Hailing Lu, Graeme Black, Kimberly Smythe, Yuexin Yu, Cynthia Hsu, Juliana Ng, Pedro Viveiros, E. Houston Warren, Brett A. Schroeder, Ryan B. O'Malley, Lee D. Cranmer, Elizabeth Loggers, Michael Wagner, Lynn Bonham, Venu G. Pillarisetty, Gabrielle Kane, Peter Berglund Frank J. Hsu, Xinlei Mi, Borislav A. Alexiev, Robert A. Pierce, Stanley R. Riddell, Robin L. Jones, Jan ter Meulen, Edward Y. Kim, Seth M. Pollack: CD4 TIL clonal divergence following TLR4 agonists + RADs

Selected Abstract Presentations: Technical Advances
Chairs: Caroline Le Poole, PhD & Seth Pollack, MD

11. Friday - 10:00 a.m.
Tyler A Smith, Si Che Liu, Lisha Zhu, Jennifer D Wu: NKG2D Co-stimulation enhances CD8 T cell stemness in tumors

12. Friday - 10:20 a.m.
April Bell, Margaret Johnson, Kristen L. Laung, Erik Lademersky, Manon Penco, Yajas Shah, Elizabeth Mauer, Joanne Xu, Theodore Nicolaides, Michael Drumm, Kathleen McCortney, Oliaver Elemento, Lijie Zhai, Miri Kim, Prashant Bommi, Justin T. Low, Ruba Memon, Jennifer Wu, Junfei Zhao, Xinlei Mi, Michael J. Glantz, Soma Sengupta, Bakhtiar Yamini, Craig Horbinski, Darren J. Baker, Theresa L. Walunas, Gary E. Schiltz, Rimas V. Lukas, Derek A. Wainwright: Targeting senescent cells to boost immunotherapy responses in Glioblastoma

13. Friday - 12:00 p.m.
Dauren Biyashev, Zofia E. Siwicka, Ummiye V. Onay, Michael Demczuk, Dan Xu, Madison K. Ernst, Spencer T. Evans, Cuong V. Nguyen, Florencia A. Son, Navjit K. Paul, Naneki C. McCallum, Omar K. Farha, Stephen D. Miller, Nathan C. Gianneschi, Kurt Q. Lu: Topical application of synthetic melanin promotes tissue repair

14. Friday - 12:20 p.m.
Anumeha Singh, Chi Zhang, Eric Mao, Rui Yi: Transcriptional control of immune privilege of hair follicle stem cells

15. Friday - 12:40 p.m.
Victor A. Arrieta, Jasim K. Benotmane, Junfei Zhao, Silpol Dhanitravan, David Hou, Joshua L Katz, Si Wang, Brandyn Castro, Surya Pandey, Meghan E. Cholak, Yu Han, Chetan Bettegowda, Craig M. Horbinski, Jason Miska, Roger Stupp, Maciej S. Lesniak, Adam M. Sonabend, Jean-Paul Wolinsky, Dieter Henrik Heiland, Catalina Lee-Chang: Integrated Single-Cell analysis reveals immune landscape in chordomas