

Head & Neck/Thyroid SPORE Workshop

Agenda

August 29-30, 2017

NCI Shady Grove - Rockville, MD

Day 1: Tuesday, August 29th

8:00 AM	Welcome
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Chemoprevention/Premalignancy/Risk Management/Screening		Moderator: Jennifer Grandis	
8:10	Active surveillance of low risk primary papillary thyroid cancers: genomic and transcriptomic insights into predictors of response	Mike Tuttle	Memorial Sloan Kettering
8:25	mtDNA sequencing in HNSCC as a measure of intratumoral heterogeneity and lymph node metastasis	David Sidransky	Johns Hopkins Univ.
8:40	Potential screening for HPV-related cancers in men	Kristina Dahlstrom	MD Anderson Cancer Center
8:55	Green Chemoprevention of Head and Neck Cancer	Daniel Johnson	Univ. of Pittsburgh
9:10	PD-1 blockade prevents the development and progression of carcinogen-induced oral premalignant lesions	Carlos Caulin	MD Anderson Cancer Center
9:25	Panel Discussion		

9:40	Break
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Novel Tumor Targets/Cell Signaling/Cell Autonomous Targets		Moderator: Matthew Ringel	
10:10	Molecular landscape of Hurthle cell carcinoma reveals oncogenic drivers and uniparental disomy-driven genetic instability	Ian Ganly	Memorial Sloan Kettering
10:25	SWI/SNF disruptions in advanced thyroid tumors: Identification of epigenome-guided therapeutic vulnerabilities	Mahesh Saqcena	Memorial Sloan Kettering
10:40	The role of the AHR, an environmental chemical receptor, in OSCC aggression	David Sherr	Boston Univ.
10:55	Mechanisms of Perineural Invasion in Adenoid Cystic Carcinoma	Patrick Ha	Univ. of Pittsburgh
11:10	CDK inhibition in Medullary Thyroid Carcinoma: Preclinical activity with unexpected mechanisms	Matthew Ringel	Ohio State Univ.
11:25	HNSCC cells that harbor inactivating NOTCH1 mutations have enhanced sensitivity to PI3K/mTOR pathway inhibition in HNSCC	Mitchell Frederick	MD Anderson Cancer Center
11:40	Panel Discussion		

11:55	Lunch
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Treatment Resistance		Moderator: Paul Harari	
12:50	Combining Tumor Selective Radioisotopes with External Beam Radiation in H&N Cancer	Paul Harari	Univ. of Wisconsin
1:05	TGFbeta signaling and relevance of SMAD4 mutations in HNSCC-microenvironment interactions	Xiao-Jing Wang	Univ. of Colorado
1:20	Update on redifferentiation strategies in preclinical models and clinical trials of radioiodine-refractory metastatic thyroid cancer	Jim Fagin	Memorial Sloan Kettering
1:35	Targeting BRAF-induced Radioresistance in Anaplastic Thyroid Carcinoma	Terence Williams	Ohio State Univ.
1:50	Targeting mutant p53 gain-of-function in head and neck squamous cell carcinoma with COTI-2, a novel 3rd generation thiosemicarbazone	Abdullah Osman	MD Anderson Cancer Center
2:05	Co-targeting HNSCC Signaling Networks	J. Silvio Gutkind	UC San Diego
2:20	Panel Discussion		

2:35	Break
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Day 1 Continued

SPORE HIV Consortium		Moderator: Thomas Carey	
2:50	Oral HPV infection and clearance in HIV-infected and non-infected individuals: A SPORE Consortium study	Thomas Carey	Univ. of Michigan
3:05	Potential Biomarkers in HIV Associated Head and Neck Squamous Cell Carcinoma	Dong Shin	Emory Univ.
3:20	HLA class I APM component expression and PD-1 and PD-L1 pathway activation in HIV infected head and neck cancer	Soldano Ferrone	Univ. of Pittsburgh
3:35	Panel Discussion		

Translational Models		Moderator: James Fagin	
3:50	PI3K blockage synergizes with PLK1 inhibition by preventing endoreduplication and inducing apoptosis in anaplastic thyroid cancer	Antonio Di Cristofano	Memorial Sloan Kettering
4:05	Opportunities in moving from two-dimensional to in vivo models of head and neck cancer	Randy Kimple	Univ. of Wisconsin
4:20	Utilization of humanized mouse models to investigate cancer stem cell properties in HNSCC	Antonio Jimeno	Univ. of Colorado
4:35	Targeting the EGFR and Immune Pathways in SCCHN: The Forging of a New Alliance using PDX	Nabil Saba	Emory Univ.
4:50	Panel Discussion		

5:05	Day 1 Adjourn/Dinner on your own		
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Day 2: Wednesday, August 30th

Immunotherapy/Tumor Microenvironment		Moderator: Robert Ferris	
8:00 AM	Bi-functional immunostimulatory antibody-ligand traps for immunotherapy of head and neck cancer	Atul Bedi	Johns Hopkins Univ.
8:15	Immunomethylomics in Head and Neck Cancer	Karl Kelsey	Boston Univ.
8:30	Advancing Dose-Painted Stereotactic Body Radiotherapy (DP-SBRT) as an Adjunct to Immunotherapy for Squamous Cell Carcinoma of the Head and Neck (SCCHN)	Jonathan Schoenfeld	Boston Univ.
8:45	Genome-wide CRISPR profiling identifies pathways regulating PD-L1 expression in HNSCC	Chad Brenner	Univ. of Michigan
9:00	Unmasking the function of tumor infiltrating B cells in solid tumors	Tullia Bruno	Univ. of Pittsburgh
9:15	Immune markers in anaplastic thyroid cancer and their clinical significance	Ramona Dadu	Ohio State Univ.
9:30	PET imaging of Radiation-induced PDL1 upregulation in mouse models of cancer	W. Barry Edwards	Univ. of Pittsburgh
9:45	Panel Discussion		

10:00	Break		
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HPV		Moderator: David Sidransky	
10:15	Genes that Drive HPV-positive and HPV-negative Head and Neck Cancers	Paul Lambert	Univ. of Wisconsin
10:30	Combination immunotherapy for Rec/Met HPV-related cancers	Bonnie Glisson	MD Anderson Cancer Center
10:45	Topical immunotherapy for premalignant disease	John Schiller	National Cancer Institute
11:00	Therapeutic HPV Vaccines for HPV-Associated Malignancies	T.C. Wu	Johns Hopkins Univ.
11:15	Panel Discussion		

11:30	Closing Remarks/Adjourn		
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