

Head & Neck/Thyroid SPORE Workshop
NCI Shady Grove - Rockville, MD
August 16-17, 2018
Agenda

Day 1: Thursday, August 16th

8:00 AM	Welcome
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8:10	Translational Models	Moderator: Paul Harari	
	Animal models in HNSCC	J. Silvio Gutkind	UC San Diego
	Mouse papillomavirus as a model for high risk HPVs in causing cancer	Paul Lambert	Univ. of Wisconsin
	Novel models for overcoming immune resistance in ATC	Sareh Parangi	Greater Boston Head & Neck
	Autologous SCCHN immuno-graft model development	Nabil F. Saba	Emory Univ.
	Translational Models: <i>Collaboration and Discovery Opportunities</i>	P. Lambert, S. Gutkind, & X. Wang	

9:25	Break
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9:35	Treatment Resistance	Moderator: Matthew Ringel	
	Development and application of cfDNA assays for Ret in medullary thyroid cancer	Steve Sherman	Ohio State Univ.
	Novel alternative pathways and acquired resistance to kinase inhibitors in PTC	Marie-Claude Hofmann	Ohio State Univ.
	ALK signaling drives PI3K inhibitor resistance in PIK3CA-aberrant HNSCC	Chad Brenner	Univ. of Michigan
	PD-1 and TIM-3 crosstalk in tumor infiltrating lymphocytes	Robert Ferris	Univ. of Pittsburgh
	Discriminating oncogenic states using the OncoGPS analytic framework: applications in papillary thyroid and head and neck cancers	Bharat Panuganti	UC San Diego

10:50	Break
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11:00	Premalignancy	Moderator: Jennifer Grandis	
	The spectrum of low-penetrance variants predisposing to Papillary Thyroid Cancer	Daniel Comiskey	Ohio State Univ.
	Microbiota in the pathogenesis of head and neck squamous cell carcinoma	Shi-Long Lu	Univ. of Colorado
	Immunoprevention of oral cancer	Jeffrey Myers	MD Anderson Cancer Center

11:45	Lunch
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12:45 PM	Novel Tumor Targets/Cell Signaling	Moderator: James Fagin	
	Targeting β -catenin/CBP activity for anti-OSCC therapy	Maria Kukuruzinska	Greater Boston Head & Neck
	Role of EphB4-ephrin-B2 interaction in remodeling the tumor immune landscape in head and neck cancers	Sana Karam	Univ. of Colorado
	Exploring cancer stem cell biology in head and neck cancer patient-derived xenografts	Steve Keysar	Univ. of Colorado
	The genomic landscape of hurthle cell carcinomas	Ian Ganly	Memorial Sloan Kettering
	HPV(+) tumor subtypes and HPV integration in head and neck cancer	Maureen Sartor	Univ. of Michigan

2:00	Break
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Day 1 Continued

2:10	Novel Tumor Targets/Therapeutic Applications	Moderator: Robert Ferris	
	Targeting alterations of the NOTCH1 pathway in head and neck squamous cell carcinoma	Mitchell Frederick	MD Anderson Cancer Center
	Drugging adaptive resistance to RAF kinase inhibitors with HER3 blockade in patients with RAIR thyroid cancer	Eric Sherman	Memorial Sloan Kettering
	Targeting transcriptional oncogene addiction in medullary thyroid cancer	Matthew Ringel	Ohio State Univ.
	Therapeutic targeting of head and neck cancer stem cells	Jacques Eduardo Nor	Univ. of Michigan
	Development of siRNA delivery by DNA nanoparticles	Dong M. Shin	Emory Univ.
	Targeting HRAS mutant thyroid and HNSCC cancers with tipifarnib: insights from GEM models and a phase 2 clinical trial	Brian Untch	Memorial Sloan Kettering
3:40	Break		

3:50	Precision Medicine: <i>The Evolving Clinical and Regulatory Path Ahead for Precision Therapeutics</i>	Moderator: James Fagin	
	Hot Topic Presentation & Discussion Session	Alan Ho	Memorial Sloan Kettering

4:50	Day 1 Adjourn/Dinner on Your Own		
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Day 2: Friday, August 17th

8:00 AM	Collaboration Opportunities in Thyroid Cancer: <i>Comparing Active Surveillance to Surgery for Thyroid Lesions (CASSTLe) Study</i>	Moderator: Matthew Ringel	
	Presentation & Discussion Session	Louise Davies & Ben Roman	Dartmouth Univ./ MSKCC

8:20	Immunotherapy/Tumor Microenvironment	Moderator: David Sidransky	
	Metabolic microenvironment in HNSCC and its effects on immunotherapy	Greg Delgoffe	Univ. of Pittsburgh
	Immunobiology of anaplastic thyroid cancer: overcoming the immune suppressive tumor microenvironment	Jeff Knauf	Memorial Sloan Kettering
	The aryl hydrocarbon receptor (AHR) and its role as an immune checkpoint regulator	David Sherr	Greater Boston Head & Neck
	In situ tumor vaccine in head and neck cancer: combining local treatments to achieve systemic anti-tumor immunity	Zach Morris	Univ. of Wisconsin

9:20	Break		
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9:35	Immunotherapy/Tumor Microenvironment (Cont'd)		
	Therapeutic bifunctional antibodies in head and neck cancer	Atul Bedi	Johns Hopkins Univ.
	Defining transcriptomic and functional distinctions of tumor infiltrating B cells in HPV(+) versus HPV(-) HNSCC	Tullia Bruno	Univ. of Pittsburgh
	Combination of immune checkpoint blockade and DDR pathway inhibition: a new approach for targeting high-risk HNSCC	Abdullah Osman	MD Anderson Cancer Center

10:20	Immunotherapy: <i>The IO Space in Head & Neck Cancer After Checkpoint Inhibitors</i>	Moderator: David Sidransky	
	Hot Topic Presentation & Discussion Session	Samir Khleif	Georgetown Univ.

11:10	Meeting Summary & Future Directions	Moderators: James Fagin, Paul Harari, David Sidransky	
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11:45	Final Remarks/Adjourn		
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