



Department of Otolaryngology- Head and Neck Surgery



Welcome to the 2020 U-M Head and Neck Oncology Program Virtual Retreat. This retreat provides a safe, socially distant opportunity for head and neck cancer specialists to review the latest advances in personalized medicine for head and neck cancer, engage in dialogue to improve multi-specialty collaboration in the research and treatment of head and neck cancer.

Agenda

May 1, 2020

8:00 a.m. - 12:30 p.m.

Virtual Meeting via [Zoom](#)

- 8:00 a.m. *Welcome Introduction*
Chad Brenner, PhD
- 8:05 a.m. Obesity and Head and Neck Cancer Immune Escape
Yu Leo Lei, DDS, PhD
- 8:20 a.m. Integrin b4–targeted cancer immunotherapy in murine head and neck SCC7 model
Qiao Li, PhD
- 8:35 a.m. Role of FGF2/FGFR signaling in the regulation of adaptive immunity in HNSCC
Chad Brenner, PhD
- 8:50 a.m. *Break and Discussion*
- 9:00 a.m. HPV ctDNA in recurrent metastatic head and neck cancer
Cate Haring, MD
- 9:15 a.m. Tumor-associated exosomes as liquid biomarkers in head and neck cancer
Andrew Birkeland, MD
- 9:30 a.m. Urine ctDNA testing
Muneesh Tewari, MD, PhD
- 9:45 a.m. *Break and Discussion*
- 10:00 a.m. Targeting cancer stem cells with mTOR inhibitors in mucoepidermoid carcinoma
Jacques Nör DDS, MS, PhD
- 10:15 a.m. Head and Neck Cancer: Re-evaluating the tumor microenvironment
Nisha D’Silva, BDS, MSD, PhD



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Agenda (cont'd)

- 10:30 a.m. Differences in extracellular vesicle protein cargo in head and neck squamous cell carcinoma cell lines
Heather Walline, PhD
- 10:45 a.m. Single cell transcriptomic analysis of primary head and neck cancer stem cells
Steven Chinn, MD
- 11:00 a.m. *Break and Discussion*
- 11:15 a.m. Induction selection blood biomarkers from 9520 and 0056
Frank Worden, MD
- 11:30 a.m. TILs in induction selection
Molly Heft-Neal, MD
- 11:45 a.m. TSH biomarker study for wounds in recurrent larynx cancer
Cate Haring, MD
- 12:00 p.m. Ethics of MiOto updates
Andrew Shuman, MD, FACS
- 12:15 p.m. *Discussion*
- 12:30 p.m. *Conference Concludes*