Etiology & Pathogenesis of Oral Cancer
Affinity Research Collaborative (EPOC-ARC)

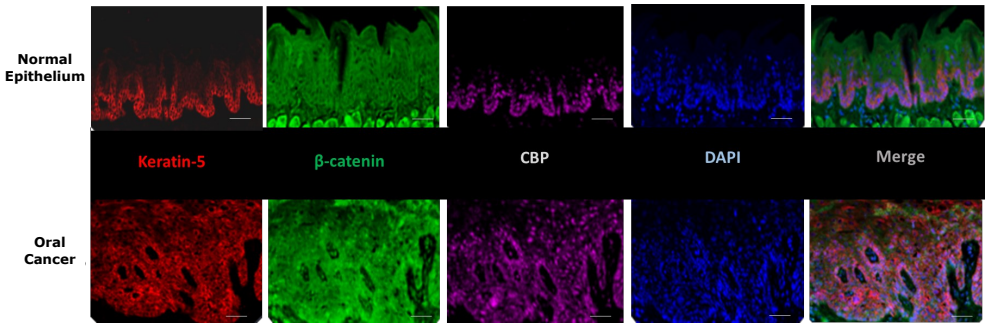
Mission

*To **determine the molecular mechanisms** underlying the etiology and pathogenesis of oral cancer, to **identify novel biomarkers** predictive of disease initiation, progression and morbidity, to **evaluate responses** to environmental carcinogens and the role of the oral microbiome, and to **examine the effectiveness** of novel therapeutics in preclinical studies using embryonic zebrafish and murin models.*

Our long term goal is to move our findings to human endpoints.

Achievements

- 33 professionals trained
- 41 publications from collaborative teams
- 56 abstracts presented at meetings
- 43 grant applications submitted
- 20 grants funded
- R13 Grant for Head & Neck Cancer Symposium
- F31 Ruth L. Kirschstein National Research
- Predoctoral Award
- Industry Collaborations with Pharmaxis, Biogen Idec, NESTEC, Eisai, & Vigilant Biosciences



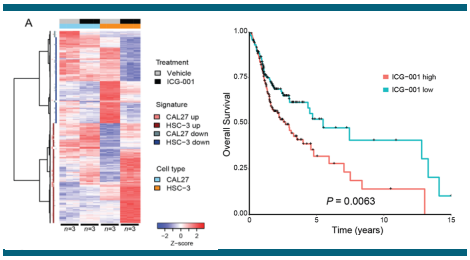
Funded by the BU Evans Center for Interdisciplinary Biomedical Research and the BU Henry M. Goldman School of Dental Medicine

Meetings

First Monday of the Month

Molecular & Cell Biology Conference Room
(Evans 4th Floor)

10:30—11:30 am



EPOC-ARC Leadership

Maria Kukuruzinska, PhD
Professor, Department of Molecular & Cell Biology
Associate Dean for Research
Boston University Henry M. Goldman School of Dental Medicine

Avrum Spira, M.D., M.Sc.
Professor of Medicine, Pathology & Laboratory Medicine, and Bioinformatics
Alexander Graham Bell Professor of Healthcare Entrepreneurship
Chief, Division of Computational Biomedicine, Boston University School of Medicine
Director, Translational Bioinformatics Program, Clinical and Translational Science Institute
Director, JNJ Innovation Lung Cancer Center at Boston University

Maria Trojanowska, PhD
Professor of Medicine
Director, Arthritis Center
Boston University School of Medicine

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Evans Center For Interdisciplinary Biomedical Research

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