Annual microRNA Symposium 2022

(October 7-8, 2022)
UIC College of Dentistry, 801 S. Paulina Street, Chicago, IL 60612
4th Floor, Lecture Hall South

Friday, October 7, 2022, 8:00 am – 7:00 pm Central Standard Time

Registration: 8:00 am – 9:00 am

Breakfast: 8:00 AM – 8:45 AM

8:45 am – 9:00 am  Welcome
Susan Rowan
Interim Dean, College of Dentistry
University of Illinois Chicago

Plenary Speaker
9:00 am – 10:00 am  Victor Ambros
University of Massachusetts Medical School, Worcester, Massachusetts
“MicroRNAs and the temporal regulation of gene expression during C. elegans development”

Session 1
Session Chair: George Calin

10:10 am – 11:00 am  Keynote Speaker
Ryan O’Connell
The University of Utah, Salt Lake City, Utah
“Role of MicroRNAs in Tumor Immunity”

11:05 am – 11:35 am  Rui Yi
Northwestern University, Chicago, Illinois
“MicroRNA fine tunes cell mechanics to promote hair regeneration”

11:40 am – 12:10 pm  Jidong Fu
The Ohio State University, Columbus, Ohio
“MicroRNA Controls the Physiology of the Heart via Multilayer Regulatory Mechanisms”

12:10 pm – 1:10 pm  Lunch Break
(Boxed lunches will be served)
Friday, October 7, 2022

Session 2
Session Chair: Rui Yi

1:10 pm – 2:00 pm  Keynote Speaker
George Calin
MD Anderson Cancer Center, Houston, Texas
“About patterns, non-coding RNAs and cancer therapy”

2:00 pm – 2:30 pm  Kotaro Nakanishi
The Ohio State University, Columbus, Ohio
“Exploring the promise of RNase P as a drug target using small molecule microarrays”

2:30 pm – 3:00 pm  Marc Halushka
Johns Hopkins University School of Medicine
“Localizing microRNA expression patterns at the cellular level”

3:00 pm – 3:30 pm  Coffee Break

3:30 pm – 4:30 pm  Selected short talks from submitted abstracts

4:30 pm – 6:00 pm  Poster Session
(5th Floor Hallways)

6:00 pm – 7:00 pm  Networking, Snacks, and Beverages
Saturday, October 8, 2022, 8:00 am – 2:00 pm

Breakfast: 8:00 am – 8:45 am

9:00 am – 10:00 am  Keynote Speaker
Frank Slack
Harvard Medical School, Boston, Massachusetts
“Towards microRNA therapeutics in cancer”

Session 1
Session Chair: Roopa Biswas

10:10 am – 10:50 am  Shuo Gu
National Cancer Institute, Frederick, Maryland
“How 3’ sequence modifications regulate miRNA function?”

10:55 am – 11:25 am  Xiaowei Wang
University of Illinois Chicago, Chicago, Illinois
“Developing microRNA bioinformatics tools and biomarkers for oropharyngeal cancer”

11:30 am – 12:00 pm  Eva Gottwein
Northwestern University, Chicago, Illinois
“Targets and Functions of KSHV-encoded microRNAs”

12:00 pm – 12:20 pm  Quamarul Hassan
University of Alabama, Birmingham, Alabama
“The miR-23a cluster and Bone Formation”

12:20 pm – 12:35 pm  Awards (Short talks and Poster presentation) and Concluding Remarks

Dean Scott Tomar, Associate Dean for Research, UIC

12:35 pm – 2:00 pm  Networking, snacks, and beverages