
PROGRAM—RNA 2012

The 17th Annual Meeting of the RNA Society Ann Arbor, Michigan, USA May 29–June 2, 2012

Tuesday, May 29

14:00 – 22:00	Registration	Power Center (Lobby)
14:00 – 16:00	Campus Walking Tours (by prior reservation)	Departing from Power Center Lobby
17:30 – 19:00	Barbecue Dinner	Ingalls Mall (outside/adjacent to Michigan League)
19:00 – 20:00	Reception and Dessert	Power Center (Lobby)
20:00 – 20:30	Welcome, Opening remarks, and brief Entertainment	Power Center
20:30 – 22:00	Opening Plenary Session Brenda Bass (<i>Univ Utah</i>) Olke Uhlenbeck (<i>Northwestern Univ</i>) Jonathan Weissman (<i>UCSF</i>)	Power Center

Wednesday, May 30

08:00 – 18:30	Registration	Power Center (Lobby)
09:00 – 12:30	Session 1: RNA-protein interactions <i>Keynote: Carol Fierke (Univ Michigan)</i> <i>Chair: Scott Blanchard (Cornell Univ)</i>	Power Center
12:30 – 14:00	Lunch	Michigan Union
14:00 – 17:00	Concurrent Early Afternoon Sessions Session 2A: Non-coding RNAs <i>Keynote: Tom Gingeras (Cold Spring Harbor)</i> <i>Chair: Wade Winkler (Univ Maryland)</i> Session 2B: Ribosomes & translation <i>Keynote: Harry Noller (UCSC)</i> <i>Chair: Kurt Frederick (Ohio State Univ)</i>	Power Center Rackham Auditorium
17:15 – 18:30	Concurrent Late Afternoon Sessions Session 3A: RNA-protein architecture <i>Chair: Hashim Al-Hashimi (Univ Michigan)</i> Session 3B: RNA-seq & computational structure prediction <i>Chair: Alain Laederach (UNC Chapel Hill)</i>	Power Center Rackham Auditorium

18:30 – 20:00	Dinner	Michigan Union
18:30 – 20:30	Meetings Committee Meeting & Dinner (limit ~40)	Michigan Union (Anderson Room D)
19:30 – 20:30	Junior Scientists Social	Michigan Union (Patio)
20:00 – 22:30	Beer Hall and Poster Session 1	Michigan League (2 nd Floor)
	Poster Topic	Abstracts
	Bioinformatics	172 - 182
	Emerging & High-throughput Techniques for RNA	183 - 202
	RNA-Protein Interactions	203 - 237
	Mechanisms of RNA interference	238 - 249
	RNA and Epigenetics	250 - 251
	Riboregulation in Development	252
	Non-coding and Regulatory RNAs	253 - 273
	3' end processing	274 - 284
	Ribosomes and Translation	285 - 307
	Interconnections Between Gene Expression Processes	308 - 324

Sponsor: OSU Center for RNA Biology

Thursday, May 31

08:00 – 18:30	Registration	Power Center (Lobby)
09:00 – 12:30	Session 4: RNA turnover Keynote: Joel Belasco (<i>NYU</i>) Chair: Oliver Mühlemann (<i>Univ Bern</i>)	Power Center
12:30 – 14:00	Lunch	Michigan Union
12:30 – 14:00	Mentor-Mentee Lunch	Michigan Union (Rogel Ballroom) (separate reservation required)
14:00 – 17:00	Concurrent Early Afternoon Sessions	
	Session 5A: Splicing mechanism Keynote: Kristen Lynch (<i>U Penn</i>) Chair: Tracy Johnson (<i>UCSD</i>)	Power Center
	Session 5B: RNA editing & modification Keynote: Jamie Williamson (<i>Scripps Res Inst</i>) Chair: Eric Phizicky (<i>Univ Rochester</i>)	Rackham Auditorium
17:15 – 18:30	Concurrent Late Afternoon Sessions	
	Session 6A: Aptamers Chair: Donald Burke (<i>Univ Missouri</i>)	Power Center
	Session 6B: Surveillance & decay Chair: Anita Hopper (<i>Ohio State Univ</i>)	Rackham Auditorium

18:30 – 20:00	Dinner	Michigan Union
18:30 – 20:30	RNA & Society Dinner	Michigan Union (Rogel Ballroom) (limit 400, separate reservation required)
	Laurie Zoloth (<i>Northwestern Univ</i>) “ <i>Making Good: Ethical Issues in Synthetic Biology</i> ”	
20:00 – 22:30	Beer Hall and Poster Session 2	Michigan League (2 nd Floor)
	Poster Topic	Abstracts
	RNP Structure, Function and Biosynthesis	325 - 335
	Splicing Mechanisms	336 - 363
	RNA Editing and Modification	364 - 379
	Translational Regulation	380 - 393
	RNA Turnover	394 - 417
	RNA structure and folding	418 - 456
	RNA Transport and Localization	457 - 463
	Viral RNAs	464 - 478

Sponsor: PTC Therapeutics

Friday, June 1

08:00 – 17:00	Registration	Power Center (Lobby)
09:00 – 12:30	Session 7: RNA & disease	Power Center
	Keynote: Bruce Sullenger (<i>Duke University Med Center</i>) Chair: Andy Berglund (<i>Univ Oregon</i>)	
12:30 – 14:00	Lunch	Michigan Union
14:00 – 17:00	Concurrent Early Afternoon Sessions	
	Session 8A: RNA & RNP structure	Power Center
	Keynote: Barbara Golden (<i>Purdue Univ</i>) Chair: Carl Correll (<i>Rosalind Franklin Univ</i>)	
	Session 8B: Small RNAs	Rackham Auditorium
	Keynote: Tom Tuschl (<i>Rockefeller Univ</i>) Chair: Javier Martinez (<i>IMBA, Austrian Acad Sci</i>)	
17:30 – 19:30	Career Development Workshop	Rackham Auditorium
17:30 – 20:00	Board of Directors Meeting & Dinner	Michigan Union (Anderson Room D)

18:30 – 20:00	Dinner	Michigan Union
20:00 – 22:30	Beer Hall and Poster Session 3	Michigan League (2 nd Floor)
	Topic	Abstracts
	Small RNAs	479 - 501
	RNA Catalysis and Riboswitches	502 - 530
	Chemical and Synthetic Biology of RNA	531 - 535
	Splicing Regulation	536 - 576
	tRNA, snRNA, snoRNA, rRNA	577 - 603
	RNAs in Diseases	604 - 623
	Therapeutic RNAs	624 - 632
	Recent Poster Submissions	701 - 711

Sponsor: UM Chemistry Department

Saturday, June 2

08:00 – 18:15	Registration	Power Center (Lobby)
09:00 – 12:30	Session 9: Interconnections & regulation Keynote: Doug Black (<i>UCLA</i>) Chair: Guillaume Chanfreau (<i>UCLA</i>)	Power Center
12:30 – 14:00	Lunch	Michigan Union
14:00 – 17:00	Concurrent Early Afternoon Sessions	
	Session 10A: Ribozymes & riboswitches Keynote: Adrian Ferré-D'Amaré (<i>Nat'l Heart, Lung & Blood Inst</i>) Chair: Peter Unrau (<i>Simon Fraser Univ</i>)	Power Center
	Session 10B: Function through sequence analysis Keynote: Fritz Roth (<i>Univ Toronto</i>) Chair: Mihaela Zavolan (<i>Univ Basel</i>)	Rackham Auditorium
17:15 – 18:15	Awards Ceremony	Power Center
18:30 – 19:00	Depart University of Michigan	Transportation to the Henry Ford Museum by charter bus
19:00 – 23:00	Reception & Banquet Dinner, dancing and viewing of American and automotive history exhibits (separate reservation required)	The Henry Ford Museum

Sunday, June 3

Conference concludes