

# RNA 2009 Program

Tuesday, May 26 <sup>th</sup>		
12 noon – 7:30 pm	Registration	Main Lounge
12noon – 11:00 pm	Set-up Posters (#164 – 305)	Great Hall & Reception Room
5:00 – 7:30 pm	Welcome Reception	Tripp Commons
7:30 – 7:40 pm	Welcome	Union Theater
7:40 – 10:00 pm	<b>Session I: Keynote Lectures</b>	Union Theater
	<b>Shiv Grewal</b>	
	<i>RNAi-Mediated Epigenetic Control of the Genome</i>	
	<b>Robert Darnell</b>	
	<i>Decoding Protein-RNA Regulation With HITS-CLIP Maps</i>	
Wednesday, May 27 <sup>th</sup>		
7:30 am – 8:00 pm	Registration Continues	Annex Room
9:00 am – 12:30 pm	<b>Session II:</b>	Union Theater
	<b>RNA-Protein Complexes-I</b>	
	<i>Utz Fischer, Chair</i>	
	See Abstracts 3 – 13	
12:30 – 2:00 pm	Lunch Buffets	Inn Wisconsin
12:30 – 2:00 pm	Board of Directors Lunch	Browsing Library
2:00 – 5:00 pm	<b>Session III-A:</b>	Union Theater
	<b>Splicing Mechanisms</b>	
	<i>Jean Beggs, Chair</i>	
	See Abstracts 14 – 24	
2:00 – 5:00 pm	<b>Session III-B:</b>	3650 Humanities
	<b>RNA Turnover</b>	
	<i>Elmar Wahle, Chair</i>	
	See Abstracts 25 – 35	
5:15 – 6:30 pm	<b>Workshop IV-A:</b>	Union Theater
	<b>Methods for RNA Science</b>	
	<i>David Rueda, Chair</i>	
	See Abstracts 36 – 40	
5:15 – 6:30 pm	<b>Workshop IV-B:</b>	3650 Humanities
	<b>RNA Editing</b>	
	<i>Dee Scadden, Chair</i>	
	See Abstracts 41 – 45	
5:15 – 6:30 pm	<b>Workshop IV-C:</b>	2650 Humanities
	<b>Viral RNAs</b>	
	<i>Jeffrey Kieft, Chair</i>	
	See Abstracts 46 – 50	
5:15 – 6:30 pm	<b>Workshop IV-D:</b>	Playcircle Theater
	<b>3D Modeling</b>	
	<i>Alain Laederach, Moderator</i>	
	<i>Eric Westhof, Université de Strasbourg</i>	
	<i>François Major, Université de Montréal</i>	
	<i>John SantaLucia, Wayne State University</i>	
	<i>Samuel C. Flores, Stanford University</i>	
	<i>Magdalena Jonikas, Stanford University</i>	
6:30 – 8:30 pm	Dinner Buffets	Inn Wisconsin
7:30 – 9:00 pm	Post Doc and Graduate Student Social Hour	Main Lounge
8:30 – 10:30 pm	<b>Poster Session 1</b>	
	Abstracts (164 – 305)	

Posters will be displayed for **ONE** day. All posters must be removed at the end of each poster session.

**Great Hall & Reception Room (4th floor)**

Bioinformatics (164 – 168)

Editing, Modification and 3' End Formation (169 – 176)

Methods for RNA Science (177 – 183)

Interconnections Between Gene Expression Processes (184 – 186)

Non-coding and Regulatory RNAs and Their Mechanism of Action (187 – 203)

Ribosomes and Translation (204 – 221)

RNA and Disease and Viral RNAs (222 – 233)

RNA Structure, Folding, and Catalysis (234 – 249)

RNA Transport, Localization and Turnover (250 – 264)

RNPs and RNA-Protein Interactions (265 – 277)

Splicing Mechanisms (278 – 286)

Splicing Regulation (287 – 298)

tRNA, snoRNA and rRNA (299 – 305)

**Thursday, May 28<sup>th</sup>**

8:00 am – 8:00 pm	Registration Continues	Annex Room
8:00 am – 8:00 pm	Set-up Posters (#306 – 446)	Great Hall & Reception Room
9:00 am – 12:30 pm	<b>Session V:</b> <b>RNA and Disease</b> <i>Adrian Krainer, Chair</i> See Abstracts 51 – 61	Union Theater
12:30 – 2:00 pm	Lunch Buffets	Inn Wisconsin
12:30 – 2:00 pm	Mentor-Mentee Lunch* <i>Rachel Green &amp; Jamie Williamson, Chairs</i>	Lowell Hall
2:00 – 5:00 pm	<b>Session VI-A:</b> <b>Small RNAs</b> <i>Haruhiko Siomi, Chair</i> See Abstracts 62 – 72	Union Theater
2:00 – 5:00 pm	<b>Session VI-B:</b> <b>Ribosomes and Translation</b> <i>James Williamson, Chair</i> See Abstracts 73 – 83	3650 Humanities
5:15 – 6:30 pm	<b>Workshop VII-A:</b> <b>Catalytic RNAs</b> <i>Martha Fedor, Chair</i> See Abstracts 84 – 88	Union Theater
5:15 – 6:30 pm	<b>Workshop VII-B:</b> <b>3' End Formation</b> <i>William Marzluff, Chair</i> See Abstracts 89 – 93	3650 Humanities
5:15 – 6:30 pm	<b>Workshop VII-C:</b> <b>Bioinformatics</b> <i>Neocles Leontis, Chair</i> See Abstracts 94 – 97	2650 Humanities
7:00 – 8:30 pm	Dinner Buffets	Inn Wisconsin
7:00 – 8:30 pm	RNA & Society Dinner* <i>Keith Yamamoto, Keynote Speaker</i>	Concourse Hotel
8:30 – 10:30 pm	<b>Poster Session 2</b> Abstracts (306 – 446)	

Posters will be displayed for **ONE** day. All posters must be removed at the end of each poster session.

**Great Hall & Reception Room (4th floor)**

Bioinformatics (306 – 310)

Editing, Modification and 3' End Formation (311 – 318)

Methods for RNA Science (319 – 324)

Interconnections Between Gene Expression Processes (325 – 327)

Non-coding and Regulatory RNAs and Their Mechanism of Action (328 – 344)  
 Ribosomes and Translation (345 – 361)  
 RNA and Disease and Viral RNAs (362 – 374)  
 RNA Structure, Folding, and Catalysis (375 – 391)  
 RNA Transport, Localization and Turnover (392 – 406)  
 RNPs and RNA-Protein Interactions (407 – 419)  
 Splicing Mechanisms (420 – 428)  
 Splicing Regulation (429 – 440)  
 tRNA, snoRNA and rRNA (441 – 446)

<b>Friday, May 29<sup>th</sup></b>		
8:00 am – 8:00 pm	Set-up Posters (#447 – 587)	Great Hall & Reception Room
9:00 am – 12:30 pm	<b>Session VIII:</b> <b>RNA Structure and Folding</b> <i>Kathleen Hall, Chair</i> See Abstracts 98 – 108	Union Theater
12:30 – 2:00 pm	Lunch Buffets	Inn Wisconsin
12:30 – 2:00 pm	Meetings Committee Lunch	Browsing Library
12:45 – 2:00 pm	Intellectual Property Issues Lunch <i>Introduction by Dan Golden</i>	Old Madison
2:00 – 5:00 pm	<b>Session IX-A:</b> <b>Interconnections Between RNA Processes</b> <i>Alberto Kornblihtt, Chair</i> See Abstracts 109 – 119	Union Theater
2:00 – 5:00 pm	<b>Session IX-B:</b> <b>Translation Regulation</b> <i>Jon Lorsch, Chair</i> See Abstracts 120 – 130	3650 Humanities
5:15 – 6:30 pm	<b>Workshop X-A:</b> <b>CRLT Players – Mentoring Graduate Students</b> <i>Introduction by Andrew Feig</i>	Union Theater
5:15 – 6:30 pm	<b>Workshop X-B:</b> <b>Non-academic Careers Workshop</b> <i>Dan Golden, Moderator</i> <i>Aaron Barkoff, Ph.D., J.D.; Partner, McDonnell Boehnen Hulbert &amp; Berghoff LLP</i> <i>John Pham, Ph.D.; Assistant Editor, Molecular Cell</i> <i>Jeremiah Duncan, Ph.D.; AAAS Policy Fellow</i> <i>Rachel Bishop, Ph.D., Consultant, Civic Consulting Alliance</i>	3650 Humanities
5:15 – 6:30 pm	<b>Workshop X-C:</b> <b>Scientific Communication Workshop</b> <i>Sarah Ledoux and Kimberly Dittmar, Moderators</i> <i>Martha Fedor, Associate Editor, Journal of Biological Chemistry</i> <i>Timothy Nilsen, Editor, RNA</i> <i>Angela Andersen, Scientific Editor, Cell</i> <i>Cell Sabbi Lall, Associate Editor, Nature Structural &amp; Molecular Biology</i>	2650 Humanities
6:30 – 8:30 pm	Dinner Buffets	Inn Wisconsin
8:30 – 10:30 pm	<b>Poster Session 3</b> Abstracts (447 – 588)	

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**Great Hall & Reception Room (4th floor)**

Bioinformatics (447 – 452)  
 Editing, Modification and 3' End Formation (453 – 460, 588)  
 Methods for RNA Science (461 – 466)  
 Interconnections Between Gene Expression Processes (467 – 468)  
 Non-coding and Regulatory RNAs and Their Mechanism of Action (469 – 485)

Ribosomes and Translation (486 – 503)  
 RNA and Disease and Viral RNAs (504 – 516)  
 RNA Structure, Folding, and Catalysis (517 – 533)  
 RNA Transport, Localization and Turnover (534 – 547)  
 RNPs and RNA-Protein Interactions (548 – 560)  
 Splicing Mechanisms (561 – 568)  
 Splicing Regulation (569 – 580)  
 tRNA, snoRNA and rRNA (581 – 587)

<b>Saturday, May 30<sup>th</sup></b>		
9:00 am – 12:15 pm	<b>Session XI:</b> <b>Splicing Regulation</b> <i>Manny Ares, Chair</i> See Abstracts 131 – 141	Union Theater
12:15 – 1:30 pm	Lunch Buffets	Inn Wisconsin
2:00 – 5:00 pm	<b>Session XII-A:</b> <b>RNA-Protein Complexes – II</b> <i>Javier Caceres, Chair</i> See Abstracts 142 – 152	Union Theater
2:00 – 5:00 pm	<b>Session XII-B:</b> <b>Non-coding and Regulatory RNAs</b> <i>Renée Schroeder, Chair</i> See Abstracts 153 – 163	3650 Humanities
5:15 – 6:30 pm	Awards Ceremony	Union Theater
7:30 – 8:15 pm	Reception	Monona Terrace
8:00 – 11:30 pm	Banquet and Dance	Monona Terrace

**Sunday, May 31<sup>st</sup>**

Conference Concluded – Bus Shuttle will run during the day. Please see conference site for details.

\*These events have pre-registration.