

Saturday April 24			Sunday April 25			Monday April 26			Tuesday April 27			Wednesday April 28		
AM	Lunchtime	PM	AM	Lunchtime	PM	AM	Lunchtime	PM	AM	Lunchtime	PM	AM	Lunchtime	PM
AWARD LECTURES														
		6:00 - 7:00 PM <i>Opening Lecture: Herbert Tabor/JBC Lectureship</i> <u>P.A. Sharp</u> The Biology of small RNAs ----- Immediately Followed by the Opening Reception	8:30 - 9:30 AM <i>Herbert A. Sober Lectureship</i> <u>R. Aebersold</u> Mapping and measuring molecular networks in cells	12:30 - 1:30 PM <i>ASBMB Award for Exemplary Contributions to Education ALecture</i> <u>L.N. Gentile</u> Strategies to Engage the Next Generation of Scientists	2:15 - 3:15 PM <i>Avanti Award in Lipids Lecture</i> <u>D.W. Russell</u> Oxysterosis Cholesterol Metabolism of Diverse Function in Mice and Men	8:30 - 9:30 AM <i>ASBMB Young Investigator Award Lecture</i> <u>J.J.G. Tesmer</u> Structural Analysis of Heterotrimeric G Proteins and G Protein-Coupled Receptor Kinases		2:15 - 3:15 PM <i>ASBMB Merck-Award Lecture</i> <u>J.A. Wells</u> Probing and controlling cellular remodeling enzymes	8:30 - 9:30 AM <i>William C. Rose Award Lecture</i> <u>D. Herschlag</u> How enzymes work		2:15 - 3:15 PM <i>FASEB Excellence in Science Award Lecture</i> <u>S.S. Taylor</u> Dynamics of PKA Signaling	8:30 - 9:30 AM <i>Fritz Lipmann Lectureship</i> <u>D.C. Rees</u> Structural and Mechanistic Diversity of ABC Transporters		
SPECIAL PROGRAMS & EVENTS														
	9:00 AM - 4:30 PM Graduate and Post Doctoral Professional Development Program ** Registration Required	1:00 PM - 4:30 PM Undergraduate Poster Competition ----- 4:30 - 5:45 PM Career Workshop for Undergraduate	7:00 AM Start 5th Annual 5K Fun Run ** Registration Required	12:30 - 2:30 PM How to Publish in the JBC ----- 12:30-2:00 PM <u>R. Palazzo</u> Public Affairs: Life Sciences and the Issues of Our Time	6:00 - 8:00 PM Minority Scientists Welcome Reception 6:15 - 7:00 PM Business Meeting		12:30 - 2:00 PM <u>C. Saxe</u> Research Funding by the American Cancer Society	6:30 - 7:30 PM <u>Movie Screening</u> <i>Naturally Obsessed: the Making of a Scientist</i>			6:30 - 8:30 PM Women Scientists Panel & Networking			
GENOME DYNAMICS THEMATIC GROUP														
DNA Transactions			9:55 A-12:15 PM <u>E. Fanning</u> DNA Synthesis & Mutagenesis					3:30 - 5:50 PM <u>G. Walker</u> Replication Fork Dynamics 5:50 - 6:30PM Thematic Reception	9:55 A - 12:15 PM <u>H. Ulrich</u> DNA Damage Signaling & Repair					1:30-3:50 PM <u>T. Kunke</u> The 3Rs, Genome Instability & Disease
Chromatin and Transcription						3:30 - 5:50 PM <u>K. Luger</u> Chromatin Modifications	9:55 A - 12:15 PM <u>K. Jones</u> Transcription Initiation & Elongation				3:30 - 5:50 PM <u>R. Trievel</u> Chromatin Structure & Remodeling 5:50 - 6:30PM Thematic Reception	9:45 A - 12:05 PM <u>J. Reese</u> Co-transcriptional Processing		
Biological Chemistry of RNA			9:55 A - 12:15 PM <u>M. Moore</u> Post-transcriptional Gene Regulation					3:30 - 5:50 PM <u>S. Woodson</u> Ribosome Assembly & Function 5:50 - 6:30PM Thematic Reception	9:55 A - 12:15 PM <u>D. Black</u> Splicing Mechanisms & Regulation					1:30-3:50 PM <u>M. Fedor</u> Ribozyme Structure & Function
Protein Synthesis, Catalysis and Turnover					3:30 - 5:50 PM <u>D. Bedwell</u> Protein Synthesis: Mechanism & Regulation	9:55 A - 12:15 PM <u>T. Kinzy</u> Protein Synthesis: Translation in Medicine					3:30 - 5:50 PM <u>Z-Q Pan</u> Protein Turnover: Tagging Substrates... 5:50 - 6:30PM Thematic Reception	9:45 A - 12:05 PM <u>L. Dikic</u> Protein Turnover: Function & Regulation...		

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METABOLISM THEMATIC GROUP	METABOLISM THEMATIC GROUP																
	Metabolism and Disease				9:55 A - 12:15 PM G. Hart Quantitative Metabolomics & Disease						3:30 - 5:50 PM P. Sassone-Corsi Sirtuins, Metabolism & Aging 5:50 - 6:30PM Thematic Reception	9:30 A - 12:20 PM C. Newgard Nutrient Regulation of Signaling and Transcription					1:30-3:50 PM J. Denu Metabolism & Epigenetics
	Lipid Interactions in Physiology and Disease						3:30 - 5:50 PM D. Raben Emerging Concepts in the Physiology and Pathology of Lipid Metabolism	9:55 A - 12:15 PM B. Wattenberg Novel Approaches for Studying Lipid Signaling, Metabolism, and Membranes						3:30 - 5:50 PM L. Obeid Cellular Lipid Movement... 5:50 - 6:30PM Thematic Reception 6:30 - 8:00 PM D. Raben From Basics to Biofuels and Cancer Therapeutics Workshop	9:45 A - 12:05 PM M. Roberts Structure & Regulation of Lipid Transporters and Metabolizing Enzymes		
	Hypertension: Treatment, Disparities and Molecular Mechanisms						3:30 - 5:50 PM P. Ortiz Mentoring	9:55 A - 12:15 PM R. Hoover Molecular Mechanisms of Hypertension						3:30 - 5:50 PM K. Jamerson Diagnosis & Treatment of Hypertension 5:50 - 6:30PM Thematic Reception	9:45 A - 12:05 PM L. Agodoa Disparities in Hypertension Treatment and Sequelae		
CELL SYSTEMS THEMATIC GROUP	CELL SYSTEMS THEMATIC GROUP																
	New Frontiers in Genomics and Quantitative Proteomics				9:55 A - 12:15 PM Y. Zhao Quantitative Proteomics Analysis of Protein Complexes	12:30 - 2:00 PM P. Preusch High-Throughput Structural Biology: Enabling Technologies	3:30 - 6:00 PM P. Preusch Four-Thousand Structures... Accomplishments of Structural Genomics and What Has Been Learned		12:30 - 2:00 PM M. Washburn Protein Mass Spectrometry Workshop	3:30 - 5:50 PM D. Arnosti Genomics: Model Organisms I 5:50 - 6:30PM Thematic Reception	9:55 A - 12:15 PM M. Washburn Quantitative Analysis of Post Translational Modification	12:30 - 2:00 PM P. Preusch PSI: Biology High-Throughput Enabled Structural Biology Partnerships					1:30-3:50 PM P. Hugenholtz Genomics: Model Organisms II
	Systems Biology, Synthetic Biology and Signal Transduction						3:30 - 5:50 PM Chair TBA Making Sense of Whole Genome Data	9:55 A - 12:15 PM W. Lim Signaling Modules						3:30 - 5:50 PM Chair TBA Evolution & Development 5:50 - 6:30PM Thematic Reception	9:45 A - 12:05 PM J. Ferrell Synthetic Biology		
	Chemical Biology and Drug Discovery				9:55 A - 12:15 PM J. Blanchard Mechanisms of Drug Action						3:30 - 5:50 PM D. Hilvert C.B.: Dissecting Cellular Processes 5:50 - 6:30PM Thematic Reception	9:55 A - 12:15 PM P. Tonge Drug Resistance					1:30-3:50 PM A. Whitty C.B.: Evolution, Engineering & Design



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EDUCATION & PROFESSIONAL DEVELOPMENT														
	10:30 AM - 12:00 PM T. Herman Undergraduate SMART Teams		1:00 PM - 4:30 PM Undergraduate Poster Competition ----- 4:30 -5:45 PM Career Workshop for Undergraduates	9:55A-12:15 PM L. Zhang Classroom 1: Models for Multi. Training	12:30 - 2:00 PM Education Award Lecture 12:30 - 1:30 Exemplary Contributions to Education Award Lecture	3:30-5:50 PM J. Monroe BMB Career Spectrum & Career Envy Panel	9:55 A-12:15 PM P. Kennelly Classroom 2: Professional Training for B.S. Students		3:30-5:50 PM E.D. Sevier Complement-ary Skills: What Are Employers Looking For?			3:30-5:50 PM P. Kennelly Say What You Mean: Tips for Grant Writing		

EDUCATION & DEVELOPMENT