



ncRNA2026: From Molecular Mechanisms to Clinical Impact

List of Posters

Sci**forum**

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Poster Session A

Wednesday, 24 June 2026 (15:00 – 15:30) & Thursday, 25 June (10:45-11:15, 13:15-14:15)

Session	Number	Author	Title
A	1	Xin Wang	Systematic Interrogation of lncRNA Function Using CRISPR Interference Perturbation And Multi-modal Profiling
A	2	Steven Eleonora	Identifying Oncogenic lncRNAs as Novel Therapeutic Targets for Hepatocellular Carcinoma
A	3	Maria Eduarda Mazzi Esquinca	Unravelling the Role of LINC01133 in Pancreatic Ductal Adenocarcinoma Using Proteomic Data
A	4	Amelia Cimmino	Development of Targeting Approaches Specific for Oncogenic lncRNAs in Bladder Cancer
A	5	Elisa Monti	miR-494 Contributes to Lenvatinib Resistance Through G6pc and VEGFA Targeting in Preclinical Models of Hepatocellular Carcinoma
A	6	Alessandro Marino	Role of lncRNAs in Osmotic Stress-Induced Proteome Rewiring and Therapy Resistance in Melanoma
A	7	Natalia Navarro Barea	MicroRNA-421 Shows a Tumor Suppressor Role in Colorectal Cancer Cells
A	8	Carla Di Battista	MicroRNAs as a Source of Prognostic Biomarkers for Colorectal Cancer Stage II/III. Validation in Multiple Cohorts.
A	9	Giorgio Durante	Evaluation of Circulating microRNAs and Extracellular Vesicles as Biomarkers of Relapse in Stage III Melanoma
A	10	Ana Florencia Vega-Benedetti	DNA Methylation Alterations at RNA Genes in Macrophages Upon Leishmania Infection
A	11	Patrizia Zavattari	Deciphering the Involvement of Circulating miRNAs in the Mechanisms Underlying Autism Spectrum Disorder
A	12	Xiao-bo Zhong	Hnf1aos1 Loss Uncouples HNF1A Activity from Metabolic Feedback Control to Drive Uptake Dominant Hepatic Steatosis
A	13	Femke van Geest	A Hidden Function of the Long Noncoding RNA GHRLOS in Cholesterol Metabolism
A	14	Jinjie Chen	Exploring the Roles of Long Intergenic Non-Coding RNAs in Mitochondrial Regulation and other Ageing-Related Processes
A	15	Diego Franco	Regulation of let-7c and miR-30c by Trim71 Controls Epicardial Cell Migration
A	16	Katharina Schormair	CRISPRi Mediated Gene Perturbation Reveals Long Non-Coding RNAs Involved in Human Adipocyte Lipolysis

A	17	Enora Le Scanf	Dynamic RNA G-Quadruplex Conformational Changes as Triggers of the Integrated Stress Response Driving Cancer Immune Therapy Resistance
A	18	Magdalena Jazurek-Ciesiolka	Mapping the Noncoding RNA Landscape at the Initial Stages of SCA3 Development in a Cellular Model
A	19	Zara Naz	5'-Terminal Nucleotide Identity of RNA Polymerase III Transcripts Modulates RIG-I Activation
A	20	Tomasz Mądry	Advancing Functional Transcriptomics in Zebrafish with High-Accuracy Full-Length RNA Sequencing
A	21	Giuseppina Pisignano	GNG12-AS1 lncRNA Acts as a Key Regulator of a Non-Canonical Imprint Maintenance Center at the DIRAS3 Locus
A	22	Maria Augusta Poersch	Strand-Resolved Transcriptomics Reveals Discordant Expression of Ultraconserved Elements Within lncRNA Loci in B-Cell Lymphoma
A	23	Ivan Martinez	Characterizing the Molecular Functions of GlycoRNAs in HPV-Related Head and Neck Cancers
A	24	Charfeddine Gharsallah	An Integrative Structural Bioinformatics Framework Reveals a Conserved RISC Architecture in <i>Leishmania amazonensis</i>
A	25	Assaf C Bester	Modular Sequence Syntax Encodes Chromatin Targeting in lncRNAs: An Interpretable Unsupervised Learning Framework

Poster Session B

Thursday, 25 June (16:15-16:45, 18:00-19:00) & Friday, 26 June (11:00-11:30)

Session	Number	Author	Title
B	1	Karla Alejandra Ruiz Ceja	A Scalable Nextflow Pipeline for Systematic Identification and Functional Prioritization of lncRNAs: Using Canine Dilated Cardiomyopathy Models
B	2	Gert-Jan Hendriks	RNA BaseCode: Long-Read RNA Sequences with Short-Read Accuracy
B	3	Lorenzo Franchitti	Long Non-Coding RNA Gene Dysregulation in Advanced Adenomas Reveals Early Molecular Programs of Colorectal Tumorigenesis
B	4	Jaganathan Venkatesh	LINC01929 Mediates Breast Cancer Immunosuppression and Is a Novel Immunotherapy Target
B	5	Deborah Sirch	Understanding the Role of the Endodeoxyribonuclease APE1 in the Regulation of Oncological microRNA Containing G-quadruplex Structures in Ovarian Cancer
B	6	Letizia La Rosa	A miRNA-Based Therapeutic Approach for Medulloblastoma in Xenotransplanted Wild-Type Mouse Embryos
B	7	Teodora Barbalata	Circulating Non-Coding RNAs as Promising Markers for the Prediction of Atherosclerosis Evolution
B	8	Angel De Stéfano-Sánchez	Two MicroRNAs Let-7b-5p and miR-24-3p Could Be Used as Potential Therapeutic Agents Against Pancreatic Cancer Stem Cells
B	9	Eleonora Loi	Exploring Circulating miRNA Alterations as Potential Therapeutic Targets in Iron Overload Conditions
B	10	Mihai Alin Publik	Subtype-Specific miRNA Regulation of Epithelial-Mesenchymal Transition in BRAF- and NRAS-Mutant Papillary Thyroid Carcinoma
B	11	Maria Chiara Mottola	Characterization of the LINP1 Locus in a DNA Ligase I-Defective Model of Chronic DNA Damage
B	12	Khadija Benabdallah	tRNAGln-Derived Fragments Impair Insulin Maturation in TRMT10A-Deficient β -Cells
B	13	Ruth Seal	Standardized Gene Naming for Human Non-Coding RNA Genes
B	14	Egor Nemits	Structural Determinants of Long Noncoding RNA roX Interactions with Dosage Compensation Complex Proteins in <i>Drosophila melanogaster</i>
B	15	Rui Zhou	Conserved Circular RNA-Protein Interactions Regulate Antiviral Defense Across Species

B	16	Ane Olazagoitia-Garmendia	Cytoplasmic lncRNA SSTR5-AS1 as a Candidate Mediator of β -Cell Stress in TRMT10A Deficiency
B	17	Murilo Sena Amaral	Weighted Gene Co-Expression Analyses Point to Long Non-Coding RNA Hub Genes in <i>Schistosoma mansoni</i> Following Incubation with Bothrops Snake Venoms
B	18	Lecun Yang	The lncRNA ROSALIND: A Novel ROS Scavenging System Promoting Drug-Tolerance in Melanoma
B	19	Parinaz Khanjanpoor	Transcriptomic Analysis of Advanced Adenoma and Colorectal Cancer Showed a Widespread Dysregulation of LINE-Chimeric Noncoding Transcripts
B	20	Pedro Faria Zeni	BCR-Regulated lncRNA Linc00173 Limits Ribonucleoprotein Granules (RNP) Assembly to Control mRNA Translation in CLL
B	21	Sofia Marotta	EBNA2 Activates DNA Damage Response Through miR-26a Suppression for Immune Evasion
B	22	Hervé Lecoœur	Combining Multi-Omics and Machine Learning Approaches to Assess the Role of miRNAs in Establishing an Anti-Apoptotic Phenotype in <i>Leishmania amazonensis</i> -Infected Macrophages
B	23	Stefania Bortoluzzi	CircRNA-Driven T-ALL Subtype Classification and Functional Study of circRNAs with Ectopic Expression in T-ALL
B	24	Jaipreet Singht Loomba	tRNA Optimality as an Instructive Driver of CRC Plasticity
B	25	Elisabetta Groaz	Beyond Conventional Oligonucleotide Chemistries for Silencing Long-Non Coding RNAs in Cancer
B	26	Mariz Sintaha	Molecular Mechanisms of Plant Stress Memory: Roles of Non-Coding RNAs and Alternative Splicing