Mayo Clinic RNA Discoveries & Therapeutics Conference 2026
Hilton Jacksonville at Mayo Clinic

Wednesday, December 2, 2026	
7:30AM	**Registration & Breakfast**
8:00AM	**Welcome** *Kent R. Thielen, M.D.*
8:10AM	**Mayo Clinic RNA Program** *Nilüfer Ertekin-Taner, M.D., Ph.D.*
8:30AM	**Next-Generation ASO Design: Chemistry and Biology of Precision RNA Targeting** *Adrian Krainer, Ph.D. (Cold Spring Harbor Laboratory)*
9:30AM	**Break/Exhibit Hall**
9:45AM	**Exploring RNA Biology and Chemistry Innovations for RNA Therapeutics Panel** *Matthew Auton, Ph.D. (Mayo Clinic)* *Wenqian Hu, Ph.D. (Mayo Clinic)* *Ken Yamada, Ph.D. (UMass Chan Medical School)* *Andrew Geall, Ph.D. (Replicate Bioscience)* *Session Moderators: Tsuneya Ikezu, M.D., Ph.D. and Subhadeep Roy, Ph.D.*
10:45AM	**Short talks selected from submitted abstracts** *Session Moderator: Himakshi Jhala*
12:00PM	**Lunch/Exhibit Hall**
1:00PM	**mRNA Therapeutics** *Jicong Cao, Ph.D. (Raina Biosciences)*
2:00PM	**Advances in AI and Analytics Towards Novel RNA Therapeutics Panel** *Vikram Agarwal, Ph.D. (Sanofi)* *Xue Wang, Ph.D. (Mayo Clinic)* *Yan Asmann, Ph.D. (Mayo Clinic)* *Session Moderators: Yan Asmann, Ph.D. and Xue Wang, Ph.D.*
3:00PM	**Group Photo/Break/Exhibit Hall**
3:30PM	**Short talks selected from submitted abstracts** *Session Moderator: Himakshi Jhala*
4:45PM	**Closing Remarks and Adjournment** *Nilüfer Ertekin-Taner, M.D., Ph.D.*
5:00PM-6:00PM	**Poster Exhibition & Reception**

Thursday, December 3, 2026	
7:30AM	**Breakfast**
7:55AM	**Welcome** *Nilüfer Ertekin-Taner, M.D., Ph.D.*
8:00AM	**Targeting the Transcriptome for CNS and Systemic Diseases** *Claes Wahlestedt, M.D. Ph.D. (University of Miami)*
9:00AM	**RNA Therapeutic Applications in Rare and Common Diseases panel** *Margot Cousin, Ph.D. (Mayo Clinic)* *Heather Gray-Edwards, DVM, Ph.D. (UMass Chan Medical School)* *Jane Zhu, M.D., Ph.D. (Mayo Clinic)* *Session Moderators: Margot Cousin, Ph.D. and Jane Zhu, M.D., Ph.D.*
9:45AM	**Break/Exhibit Hall**

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10:00AM	**Bringing RNA Therapies to Patients Panel** *Morrie Ruffin (Adjuvant Partners)* *Marion Curtis, Ph.D. (Mayo Clinic)* *Deborah Barbara (Eclipsebio)* *Amy Walker, Ph.D. (4basebio)* *Roberta Duncan (TMGD)* *Session Moderators: Nilüfer Ertekin-Taner, M.D., Ph.D. and Morrie Ruffin*
11:00AM	**Lived Experience Professionals Panel** *Casey McPherson (AlphaRose Therapeutics & RareLabs)* *Simon Frost (Oxbridge Capital Group)* *Erica Barnes (Minnesota Rare Disease Advisory Council)* *Julia Vitarello (Mila's Miracle Foundation)* *Susan Catalano, Ph.D. (Circle BioPharma)* *Session Moderators: Nilüfer Ertekin-Taner, M.D., Ph.D. and Casey McPherson*
12:00PM	**Lunch/Exhibit Hall**
1:00PM	**The Present and Future of Personalized RNA Therapeutics** *John Cooke, M.D., Ph.D. (Houston Methodist Research Institute)*
1:45PM	**Oligonucleotide therapeutics, immune activation platforms, and lessons learned from successful therapeutic development from academia to industry** *Arthur Krieg, M.D. (UMass Chan Medical School)*
2:45PM	**Break/Exhibit Hall**
3:00PM	**Clinical Translation Panel** *Eric Wickstrom (Bound Therapeutics)* *Timothy Miller, M.D., Ph.D. (Washington University)* *Julie Allickson, Ph.D. (Mayo Clinic)* *Session moderators: Krishna P. Bhat, Ph.D. and Keith L. Knutson, Ph.D.*
4:00PM	**Closing Remarks and Adjournment** *Nilüfer Ertekin-Taner, M.D., Ph.D.*
4:05PM – 5:30PM	**Mayo Clinic Campus Tour** *Tour guides: Tsuneya Ikezu, M.D., Ph.D.; Himakshi Jhala; Shubh Roy*

Friday, December 4, 2026	
7:30AM	**Registration & Breakfast**
7:55AM	**Welcome** *Nilüfer Ertekin-Taner, M.D., Ph.D.*
8:00AM	**Engineered extracellular vesicles for RNA and genome-editor delivery** *Samir El Andaloussi, Ph.D. (Karolinska Institute)*
9:00AM	**Challenges and Opportunities RNA Therapeutics Delivery Panel** *Dev Mukhopadhyay, Ph.D. (Mayo Clinic Florida)* *Craig L. Duvall, Ph.D. (Vanderbilt University)* *Hao Yan, Ph.D. (Arizona State University)* *Wenchun Qu, M.D., Ph.D. (Mayo Clinic Florida)* *Xiling Shen, Ph.D. (Terasaki Institute)* *Session moderators: Wenchun Qu, M.D., Ph.D. and Liewei Wang, M.D., Ph.D.*

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10:00AM	**Break/Exhibit Hall**
10:15AM	**Short talks selected from submitted abstracts** *Session Moderator: Himakshi Jhala*
11:15AM	**Closing Remarks and Adjournment** *Nilüfer Ertekin-Taner, M.D., Ph.D.*
11:30AM	**Adjourn**

Subject to change