



**GENE FORUM**  
September 26-27, 2022 | Online

**PROGRAM**

International  
**HUMAN GENE  
THERAPY CONFERENCE**

September 26-27, 2022

Online

<https://genetherapyconference.com/>

AEST	GMT	
09:30-09:45	23:30-23:45	Meeting (AV Check)
09:45-10:00	23:45-00:00	Opening Remarks and Introduction
10:00-10:30	00:00-00:30	<b>Extracellular vesicle delivered RNA directed transcriptional gene silencing</b> <b>Kevin Morris</b> , Griffith University, Australia
10:30-11:00	00:30-01:00	<b>First Gene Therapy Drug in Japan: Launch of Collategen</b> <b>Ryuichi Morishita</b> , Osaka University, Japan
11:00-11:20	01:00-01:20	Short Break
11:20-11:50	01:20-01:50	<b>It's Science, not fiction: the clinical application of genetic therapies in child neurology</b> <b>Michelle Farrar</b> , University of New South Wales, Australia
11:50-12:20	01:50-02:20	<b>Colon-targeted NAMPT-specific peptide systems for treatment of acute and chronic colitis</b> <b>Chul-Su Yang</b> , Hanyang University, Korea
12:20-12:50	02:20-02:50	<b>CRISPR gene editing via a light-triggered liposome system</b> <b>Wei Deng</b> , University of Technology Sydney, Australia
12:50-13:20	02:50-03:20	<b>Biophysical characterizations of AAV vectors for gene therapy</b> <b>Susumu Uchiyama</b> , Osaka University, Japan
13:20-13:40	03:20-03:40	Break
13:40-14:10	03:40-04:10	<b>Targeting choroidal vascular dysfunction via inhibition of circRNA-FoxO1 for prevention and management of myopic pathology</b> <b>Dan Li</b> , Fudan University, China
14:10-14:40	04:10-04:40	<b>Characterization of a Programmable Argonaute Nuclease from the Mesophilic Bacterium Rummeliibacillus suwonensis</b> <b>Xiaoman Jiang</b>
14:40-15:10	04:40-05:10	<b>Engineered Escherichia coli for biotechnological applications</b> <b>Vijai Singh</b> , Indrashil University, India

AEST	GMT	
16:30-16:45	06:30-06:45	Meeting (AV Check)
16:45-17:00	06:45-07:00	Opening Remarks and Introduction
17:00-17:30	07:00-07:30	<b>Towards therapies for autosomal dominant Retinitis Pigmentosa using CRISPR/Cas9 gene editing</b> <b>Paul Thomas</b> , South Australian Genome Editing (SAGE) Facility, Australia
17:30-18:00	07:30-08:00	<b>MicroRNA replacement therapy for prostate cancer</b> <b>Jyotsna Batra</b> , Queensland University of Technology, Australia
18:00-18:30	08:00-08:30	<b>Onasemnogene abeparvovec in spinal muscular atrophy: an Australian experience of safety and efficacy</b> <b>Arlene D'Silva</b> , University of New South Wales, Australia
18:30-19:00	08:30-09:00	<b>An Australian clinical experience in treating children who have Spinal Muscular Atrophy with Zolgensma gene therapy!</b> <b>Sandra Charlton</b> , Sydney Children's Hospital Network, Australia
19:00-19:20	09:00-09:20	Short Break
19:20-19:50	09:20-09:50	<b>DNA and RNA Medicines: Chemical Evolution of Synthetic Delivery Carrier</b> <b>Ernst Wagner</b> , Ludwig-Maximilians-Universität(LMU) München, Germany
19:50-20:20	09:50-10:20	<b>Folate receptor-mediated delivery of Cas9 RNP for enhanced immune checkpoint disruption in cancer cells</b> <b>Ulrich Lächelt</b> , University of Vienna, Austria
20:20-20:50	10:20-10:50	<b>Decoy RNA-binding protein gene therapy of myotonic dystrophy</b> <b>Nicolas Sergeant</b> , University of Lille, France
20:50-21:20	10:50-11:20	<b>Evaluation and mitigation of off-target effects associated with CRISPR-Cas genome editing</b> <b>Julia Klermund</b> , University of Freiburg, Germany
21:20-21:40	11:20-11:40	Break
21:40-22:10	11:50-12:10	<b>Developing RNA-based gene targeting therapies against emerging respiratory viruses and viral cancers</b> <b>Adi Idris</b> , Menzies Health Institute Queensland, Australia
22:10-22:40	12:20-12:40	<b>A Second-Generation Nanoluc-IL27 Fusion Cytokine for Targeted-Gene-Therapy Applications</b> <b>Marxa Figueiredo</b> , Purdue University College of Veterinary Medicine, USA
22:40-23:10	12:50-13:10	<b>Challenges in establishing product reference standards for use with complex biologics</b> <b>Omar Dabbous</b> , Novartis, USA
23:10-23:40	13:10-13:40	<b>Development of NextGen, GenX, and Opt AAV Vectors for Human Gene Therapy</b> <b>Arun Srivastava</b> , University of Florida



**PRISM**

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Conference Producer

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