

GEMs in AI Era

20th AMMRA Anniversary

Sep. 21-22, 2026 @ Evergreen International Convention Center

Pre-meeting Workshops

- 9/19-21 iGONAD hands-on training
- 9/21am AI tools for gene editing
- 9/21am Facility Tour (NCB Taipei Facility)

9.21 AMMRA 20 Anniversary

- Celebration of AMMRA 20 years
- Resource Development and Consortium Progress

9.22 AMMRA Conference

- Technological Innovations
 - CRISPR genome editing
 - High-throughput mouse production
 - Reproductive technologies
- Biological Insights and Research Discoveries
 - Gene function annotation
 - Novel disease models
 - Genotype-phenotype links
 - Non-coding genome function
- AI-Driven Approaches and Model Refinement
 - AI behavioral analysis
 - Phenotype prediction
 - Automated image analysis
 - In silico models

Host

NCB

National Institutes of Applied Research
National Center for Biomodels

Co-Host

TMMC

Transgenic Mouse Model Core Facility
National Taiwan University Hospital

AMMRA

2026 AMMRA & AMPC Meeting
Asian Mouse Mutagenesis Resource Association

