

## MMI 291 Seminar Series

Current Theme: Interdisciplinary Research  
Winter Quarter 2026 – CRN 29995

**Friday Seminar at 12:10-1 p.m.  
GBSF Auditorium 1005**

### “Endogenous retroviruses in the mammalian germline”

#### Research Bio

**Satoshi H. Namekawa** received his Ph.D. from the Tokyo University of Science in 2005 and completed postdoctoral training in the laboratory of Jeannie T. Lee at Massachusetts General Hospital and Harvard Medical School in 2009. He was then appointed to the faculty at Cincinnati Children's Hospital Medical Center. Namekawa's research focuses on epigenetic mechanisms that establish the cellular identities of male and female germlines and regulate critical developmental transitions. He received the Basil O'Connor Starter Scholar Research Award from the March of Dimes Foundation in 2011 and the New Investigator Award from the Society for the Study of Reproduction in 2015. In 2020, he was recruited to the University of California, Davis, as a tenured full professor.

#### Publications

Kai Otsuka, Akihiko Sakashita, So Maezawa, Richard M Schultz, **Satoshi H Namekawa**. “KRAB zinc-finger proteins regulate endogenous retroviruses to sculpt germline transcriptomes and genome evolution”. PubMed. 2025 March DOI: <https://doi.org/10.1101/gr.279924.124>

Akihiko Sakashita, So Maezawa, Kazuki Takahashi, Kris G Alavattam, Masashi Yukawa, Yueh-Chiang Hu, Shohei Kojima, Nicholas F Parrish, Artem Barski, Mihaela Pavlicev, **Satoshi H Namekawa**. “Endogenous retroviruses drive species-specific germline transcriptomes in mammals”. PubMed. 2020 Oct DOI: <https://doi.org/10.1038/s41594-020-0487-4>

Jan.  
23



**Satoshi Namekawa, Ph.D.**  
Professor  
Department of Microbiology  
and Molecular Genetics  
University of California, Davis

**Jan. 23, 2026  
12:10 – 1 p.m.  
GBSF Auditorium  
1005**

**In-person presentation**

Medical Microbiology and  
Immunology  
School of Medicine

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We hope to see you there!