



Department of Microbiology and Immunology  
Yong Loo Lin School of Medicine

# Singapore Society for Microbiology and Biotechnology

## Connect with the Industry Seminar

### Drug discovery and development processes in pharmaceutical settings

Proudly presents:



**Dr. Feras Hatahet**  
Principal Scientist, Amgen Inc.  
Founder, Genophore Inc.



**All are welcome!**

**Please register here:**  
<https://tinyurl.com/ssmbconnects>



**Date:** 5th August 2022  
**Time:** 10:00 to 11:00 am

### **Biography of Dr. Feras Hatahet**

Dr. Hatahet is a scientist and an entrepreneur. He has been leading drug discovery and development efforts at major pharmaceutical companies such as Merck and Amgen. As a Principal Scientist at Amgen, Feras currently leads a group of scientists working on small molecule drug discovery utilizing targeted protein and RNA degradations in the fields of oncology, inflammation and cardiometabolic disorders. In particular, he is leading biochemistry and structural biology efforts to aid in the design of novel therapeutics including the elucidation of the molecular mechanisms of drug candidates. Feras's research at Merck involved vaccine process development (the HPV vaccine Gardasil-9) and biologics manufacturing and co-formulations (cancer drug Keytruda). He trained with Jon Beckwith at Harvard Medical School where he discovered cellular pathways involved in membrane protein assembly and quality control. In 2019, Feras founded the software Genophore Inc. ([www.genophore.com](http://www.genophore.com)), which develops web informatics platforms by integrating biological databases and bioinformatics tools to accelerate drug discovery, scientific data management and collaboration.

### **More about Amgen (from [amgen.com](http://amgen.com)):**

Building on advances in recombinant DNA and molecular biology, Amgen is counted among the early pioneers of biotechnology. Since 1980, it has grown to be one of the world's leading independent biotechnology companies. In 2021, Amgen's total revenue reaches a record USD\$26 billion. Its operations are supported by ~24,000 staff in about 100 countries, including Singapore.

### **More about Genophore (from [genophore.com](http://genophore.com)):**

Established in 2019, Genophore empowers companies to search, organize, and visualize biological data. It also provides end-to-end supply chain management solutions to bring new discoveries to market faster. The database contains 20 million genes and biological records, which includes over 4 million antibody and protein catalog products. Their service is currently free for Academic users.