



Maya Levitan

Herz Global Impact Award
Ph.D. Student, Biomedical Engineering
First Year ARCS Scholar

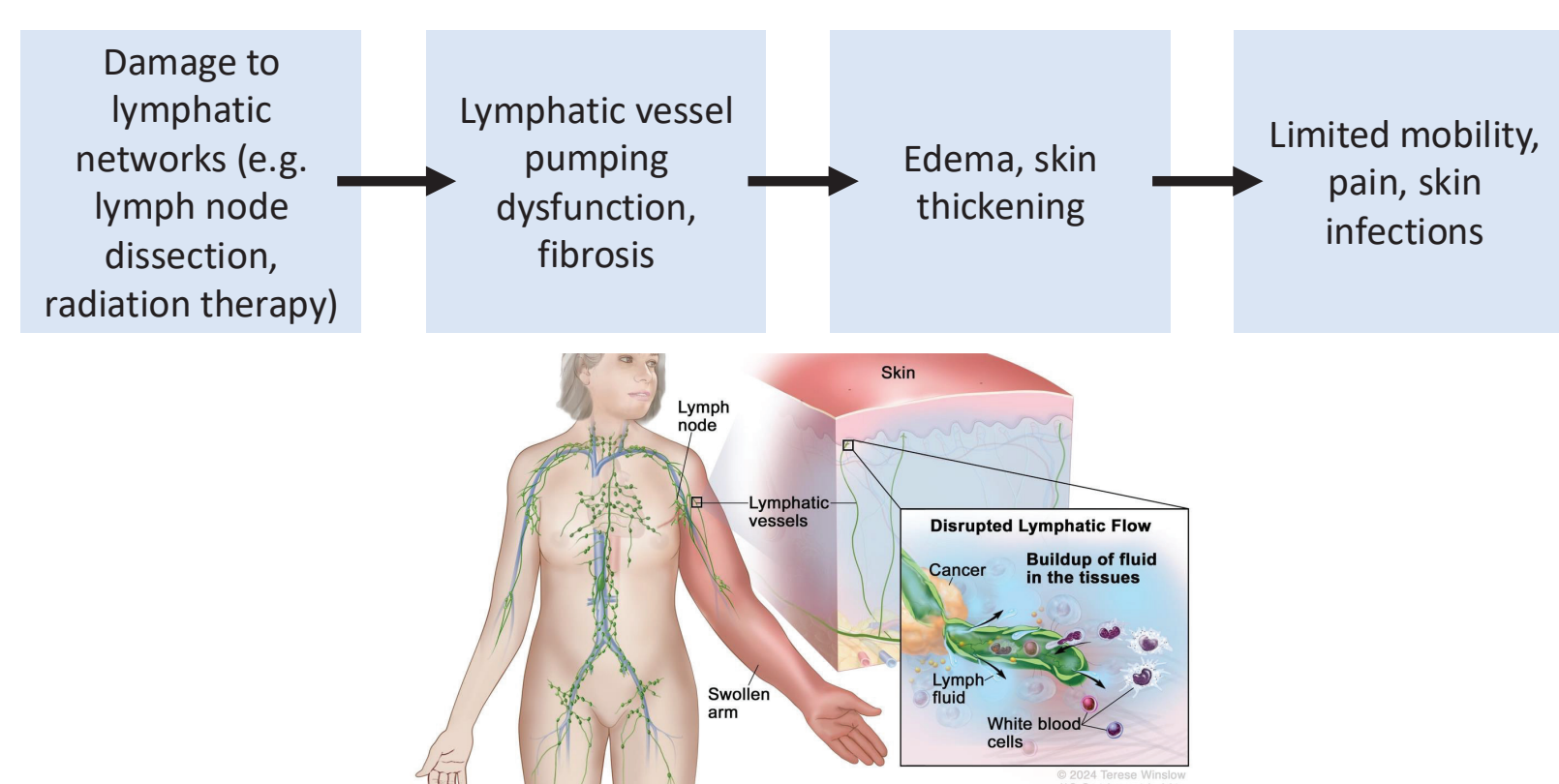
Georgia Tech



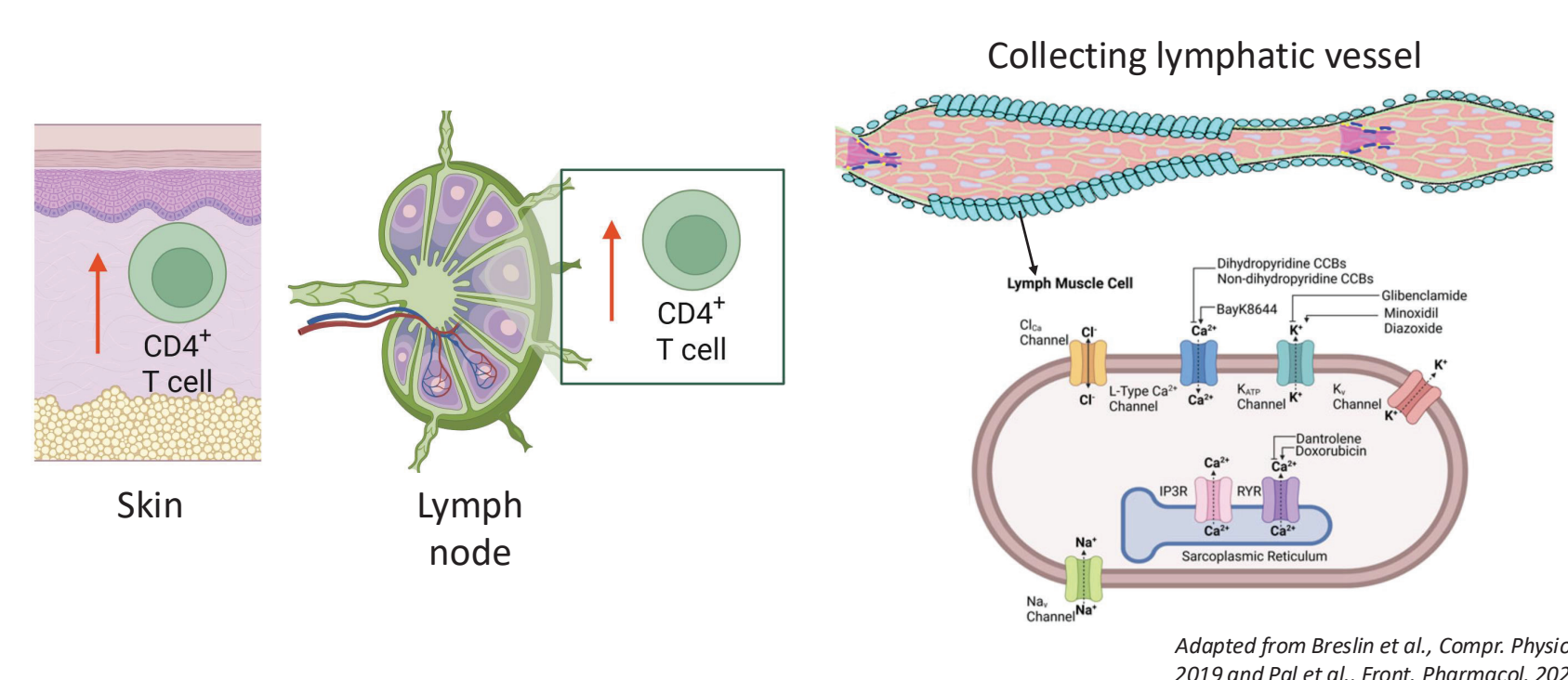
Sustained, Local Drug Delivery to Treat Lymphedema

We are developing an injectable, thermosensitive hydrogel for lymphatic delivery of immunomodulatory drugs and lymphatic pump function modulators to improve lymphatic function in lymphedema.

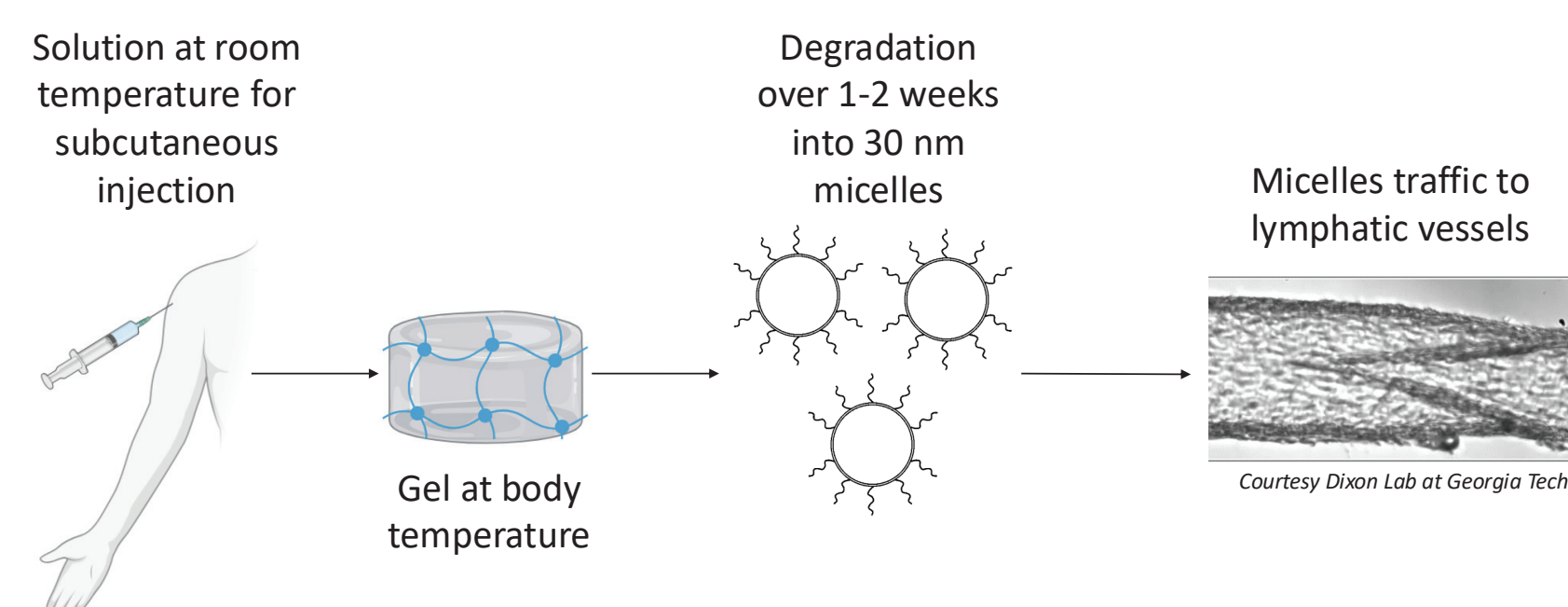
Secondary lymphedema is a chronic, debilitating disease



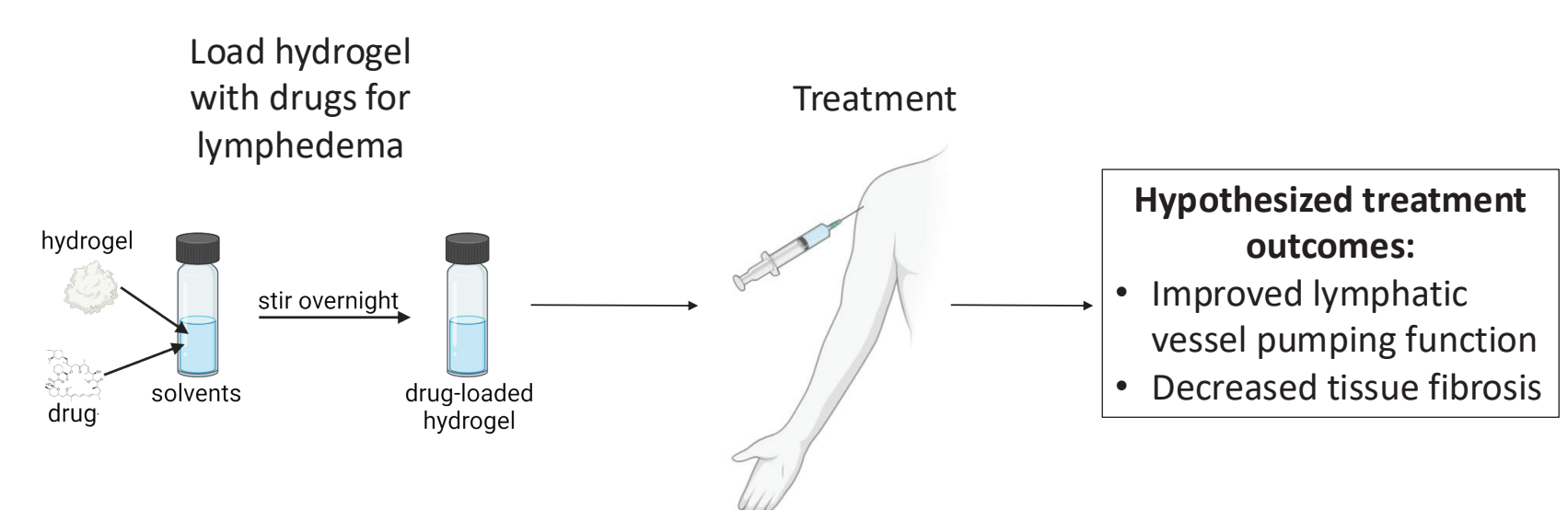
Immune and pump function modulators could be used in lymphedema



Thermosensitive hydrogel releases micelles to lymphatic vessels



Sustained lymphatic delivery of drugs to treat lymphedema



Scholar Awards Celebration
November 12, 2025



Igniting
Innovation
in Georgia