

# Selene: A framework for training sequence level deep learning networks

*Wednesday, October 24, 2018 11:00 AM (15 minutes)*

To enable the application of deep learning in biology, we developed Selene, a PyTorch-based library for fast and easy development, training, and application of deep learning model architectures to sequence-level (e.g. DNA, RNA) datasets. In this presentation, I will discuss how we designed Selene to support sequence-based deep learning across a broad range of biological questions and made the library accessible to users at different levels of computational proficiency.

**Presenter:** CHEN, Kathleen

**Session Classification:** Lightning Talks