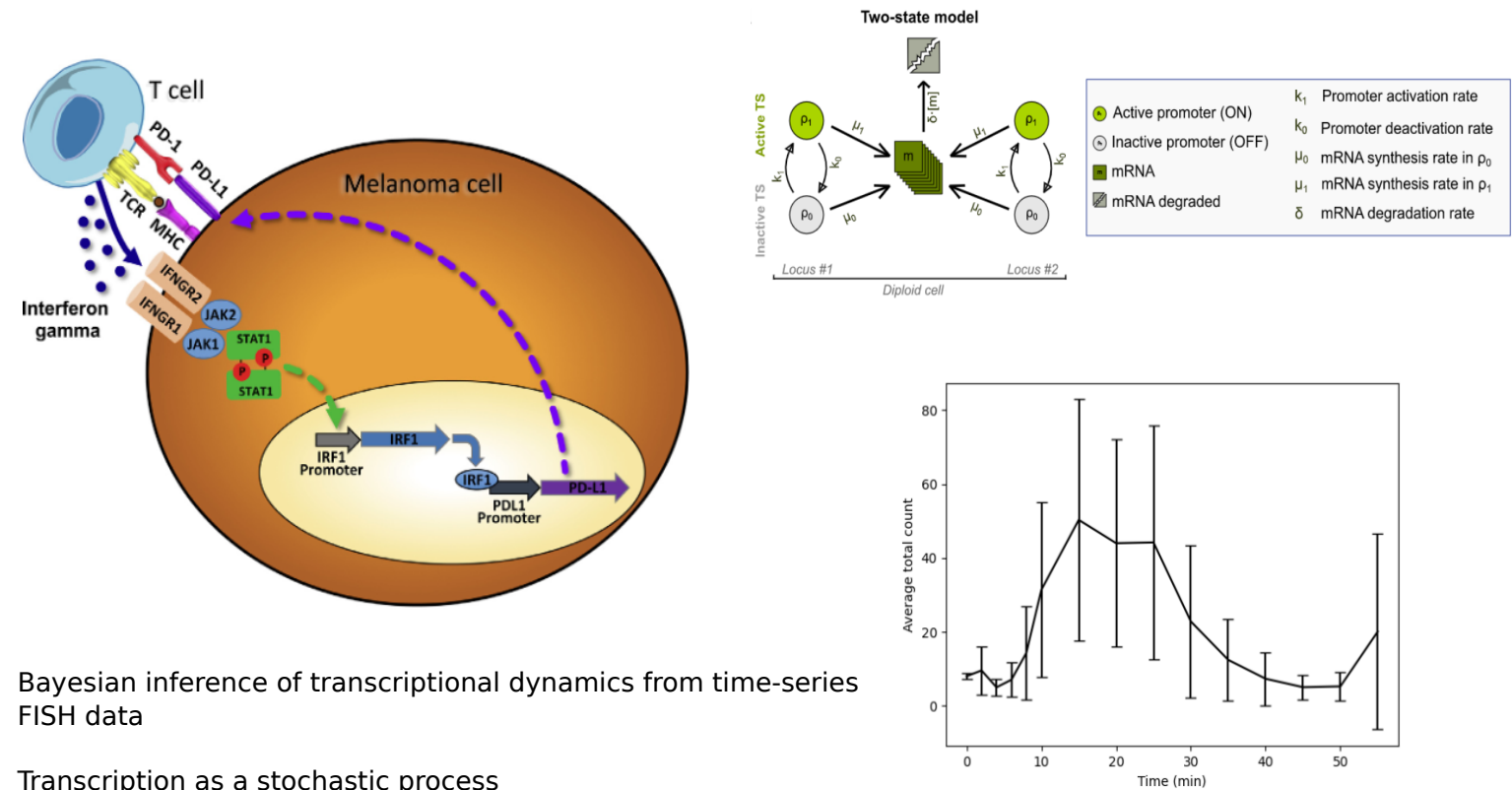


Project 1: Transcriptional dynamics of IFN-gamma induced genes

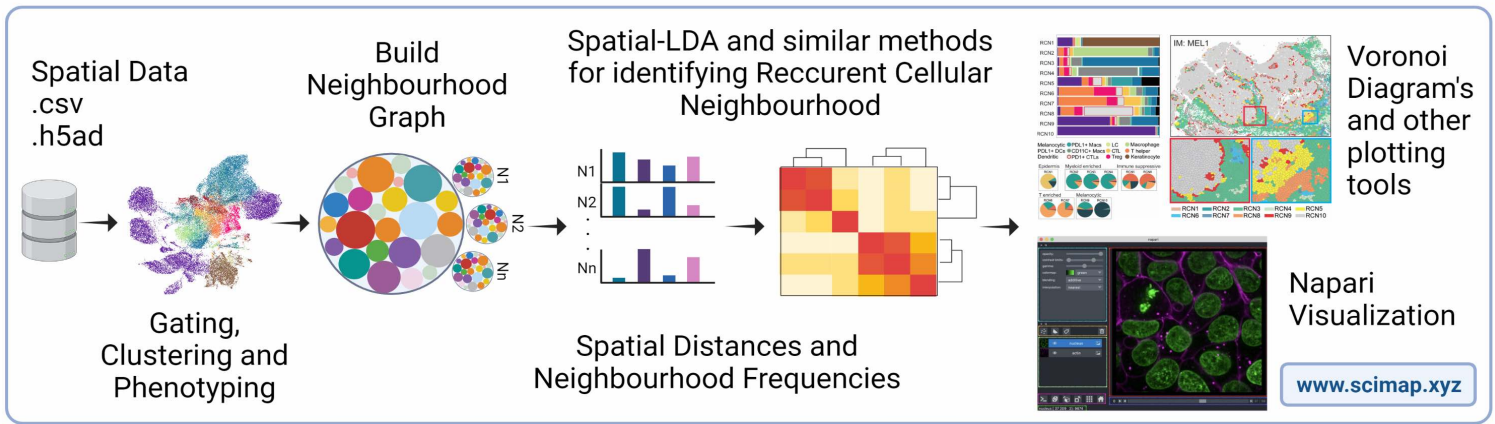


Bayesian inference of transcriptional dynamics from time-series FISH data

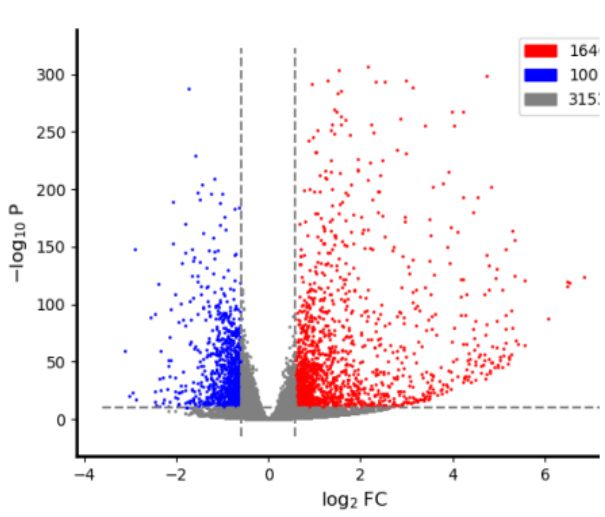
Transcription as a stochastic process

Ergodicity of transcription dynamics

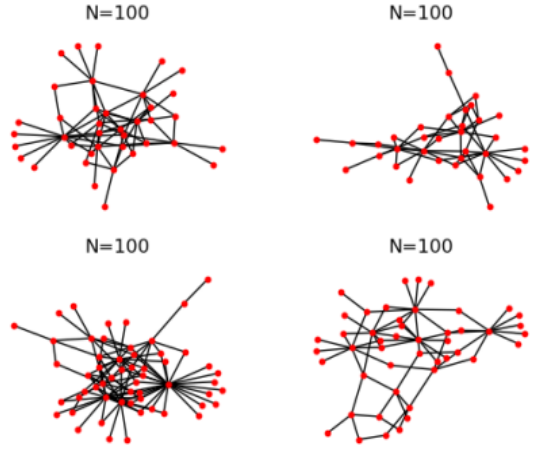
Project 2: High-throughput and multiplexed FISH tissue imaging in immunotherapy and diabetes



Phenotyping and spatial analysis



Differential expression



Gene regulatory networks