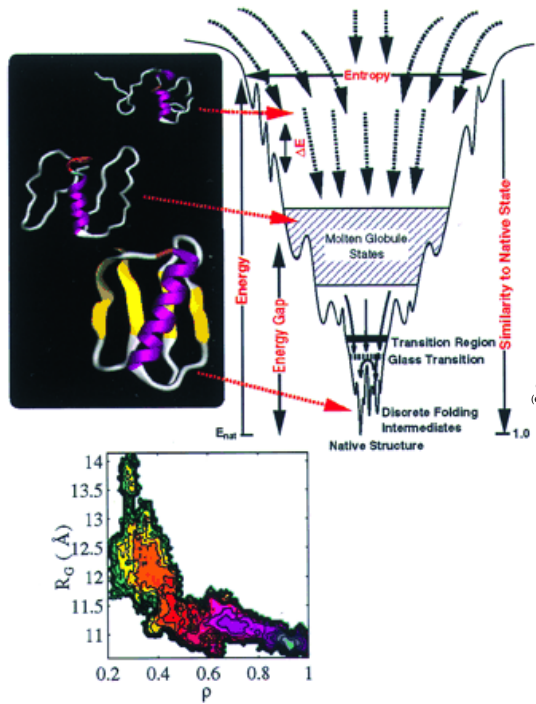


# Physics Open House 2022

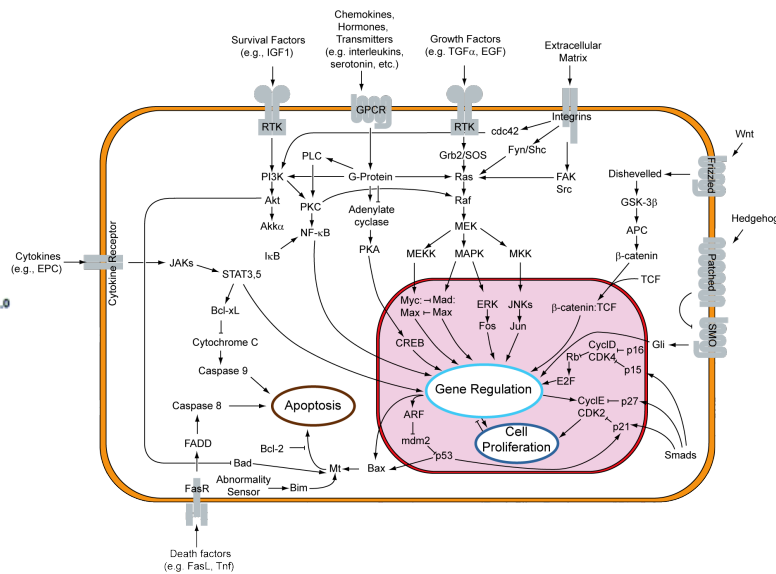
Boston University Physics Department



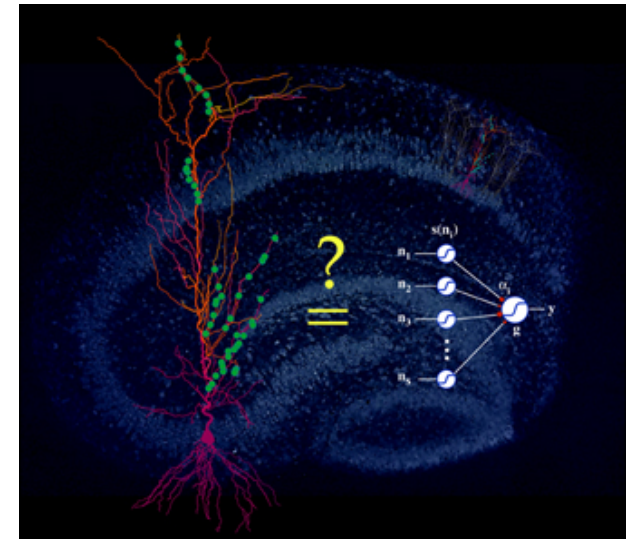
# Problems at the interface of physics and biology:



Soft condensed matter/  
Classical biophysics

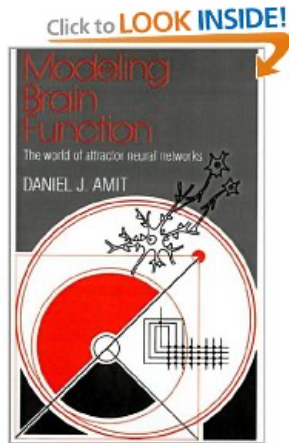


Systems biology

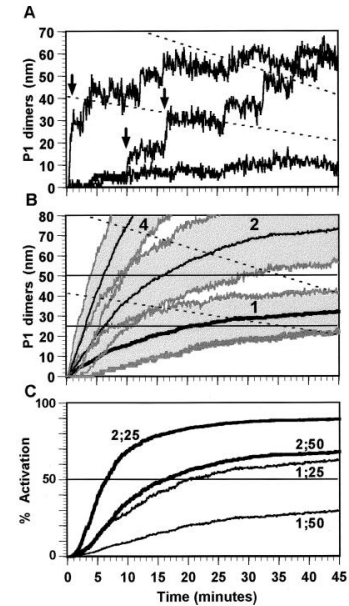
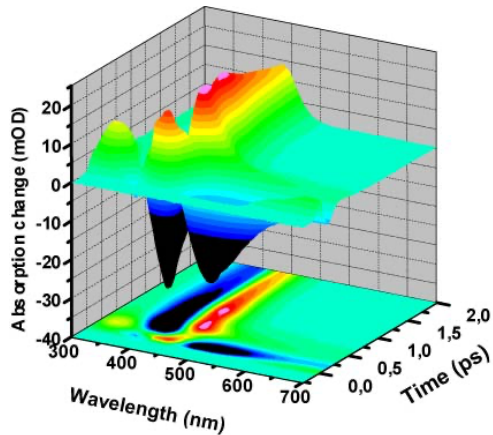


Computational  
Neuroscience

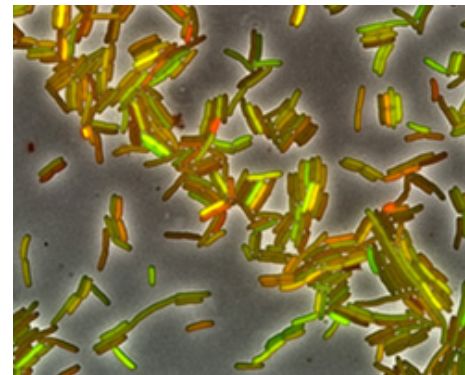
# What can physicists contribute to biology?



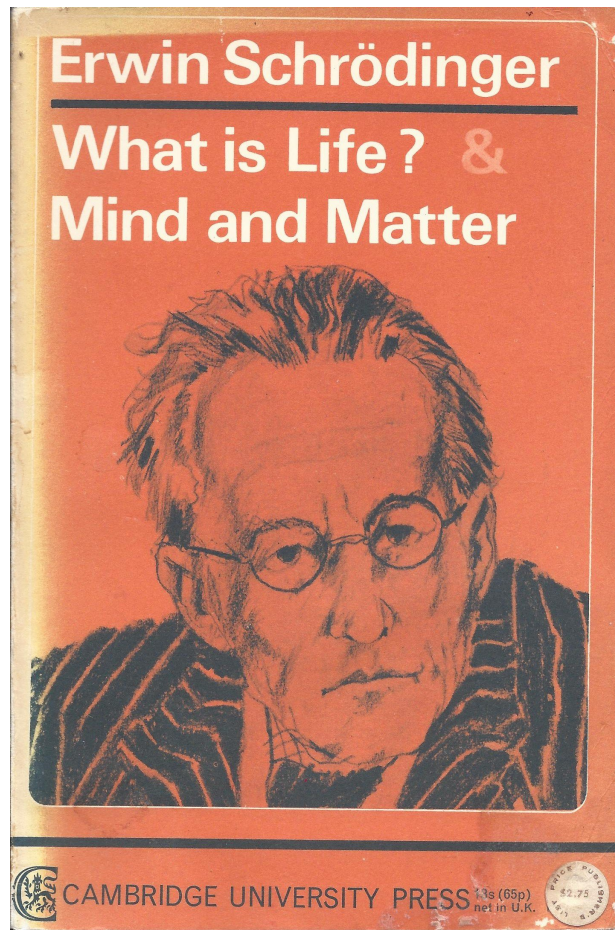
New ideas and techniques



A quantitative mindset



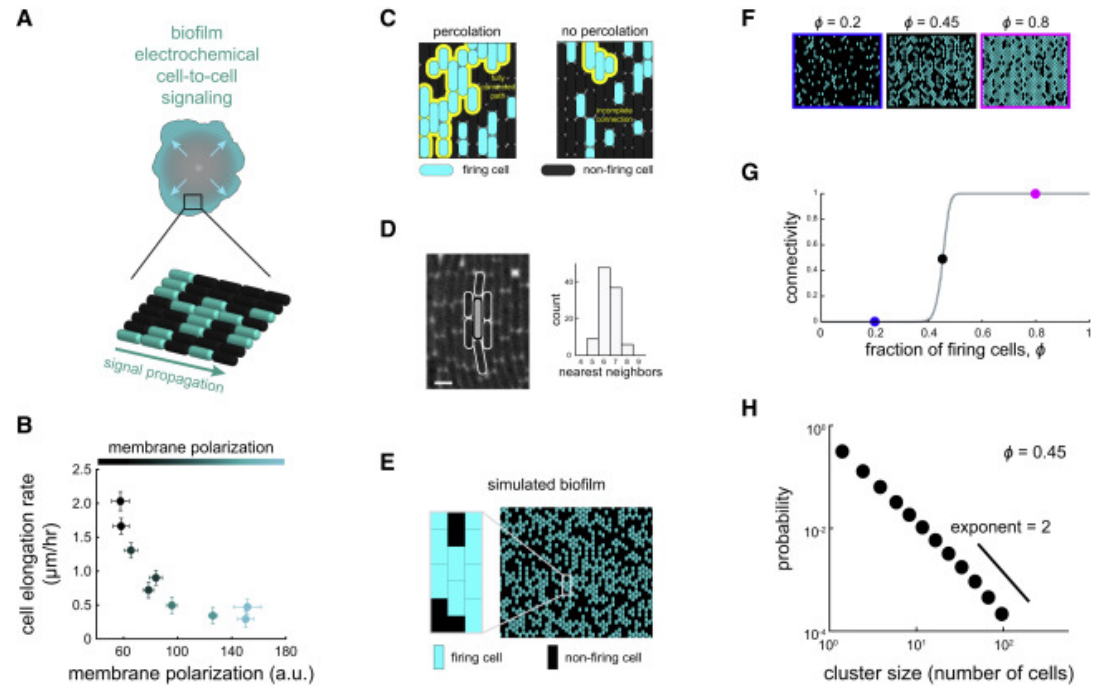
# What can biology contribute to physics?



“...living matter, while not eluding the "laws of physics" as established up to date, is likely to involve "other laws of physics" hitherto unknown, which however, once they have been revealed, will form just as integral a part of science as the former.”



# Larkin Lab

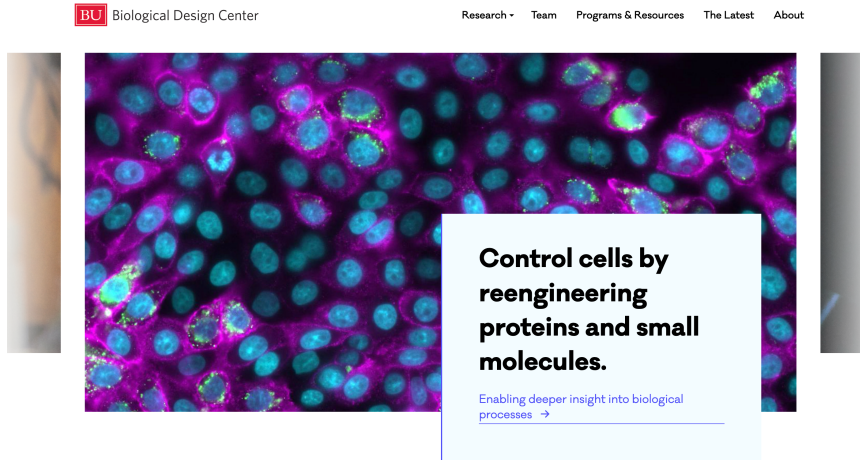


# Korolev Group

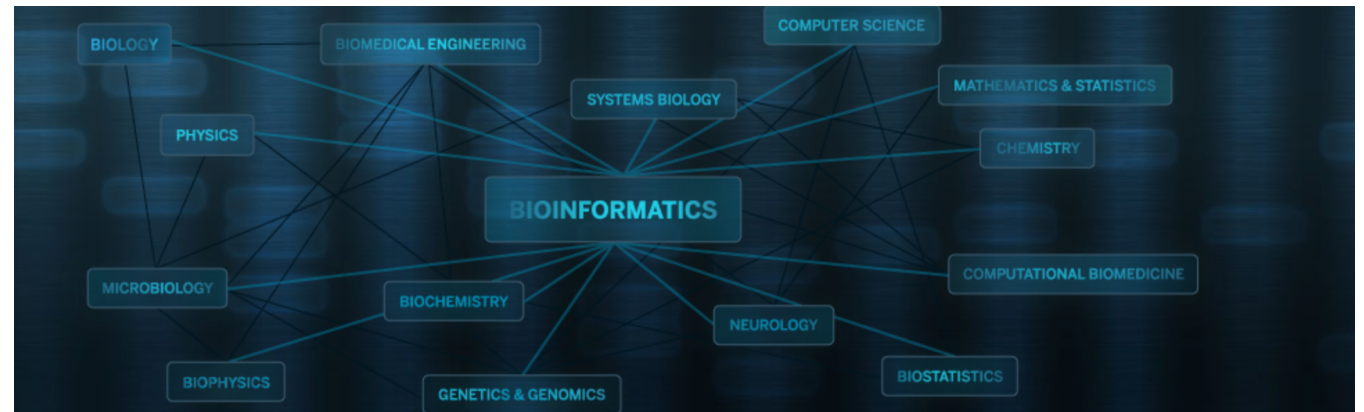


Physics Open House

# Interdisciplinary research at an interdisciplinary university



Biological Design Center



Physics Open House

Bioinformatics Program  
(Segre lab others)