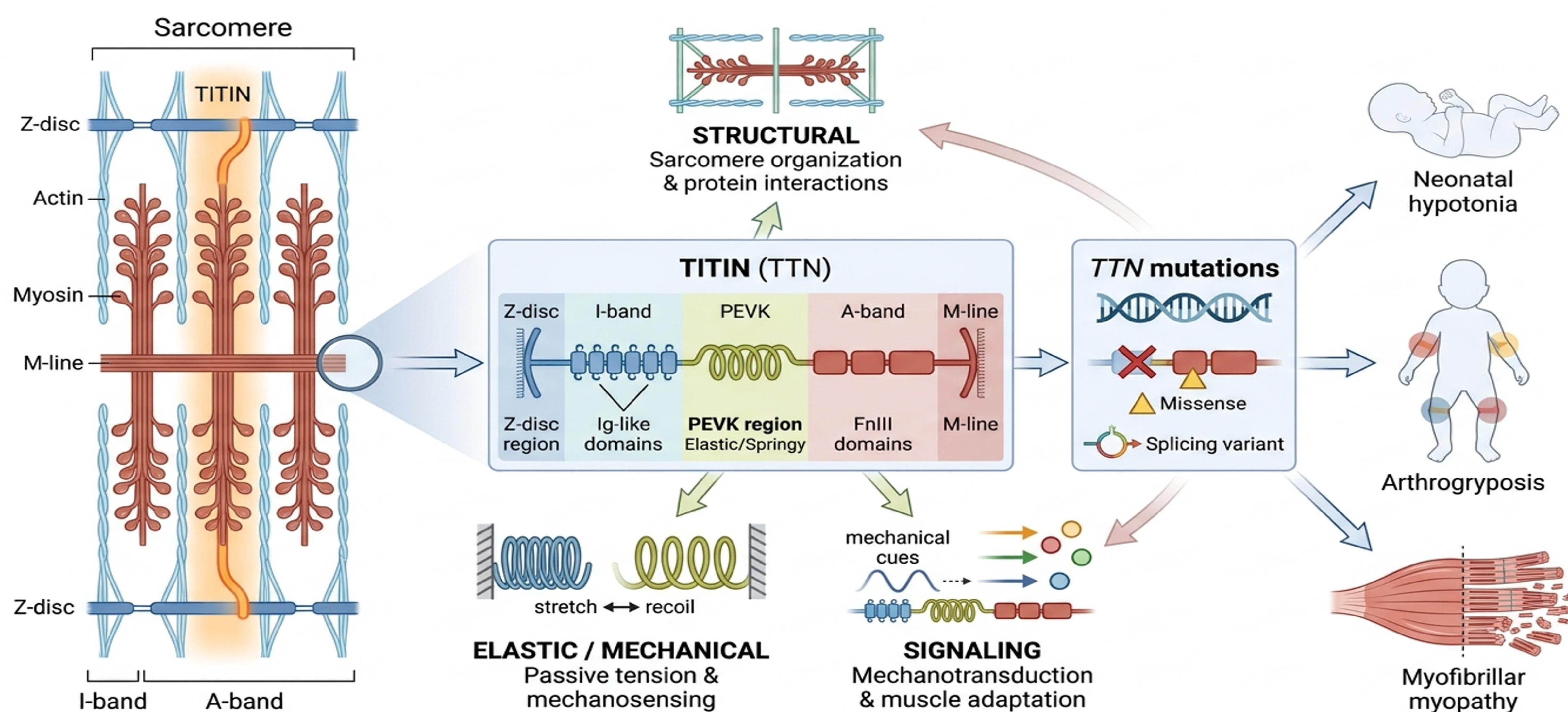


Characterisation of muscle signaling in patients with Titinopathies

Anas Tendero supervised by Dr Fabrice Raynaud and Pr Stephan Matecki

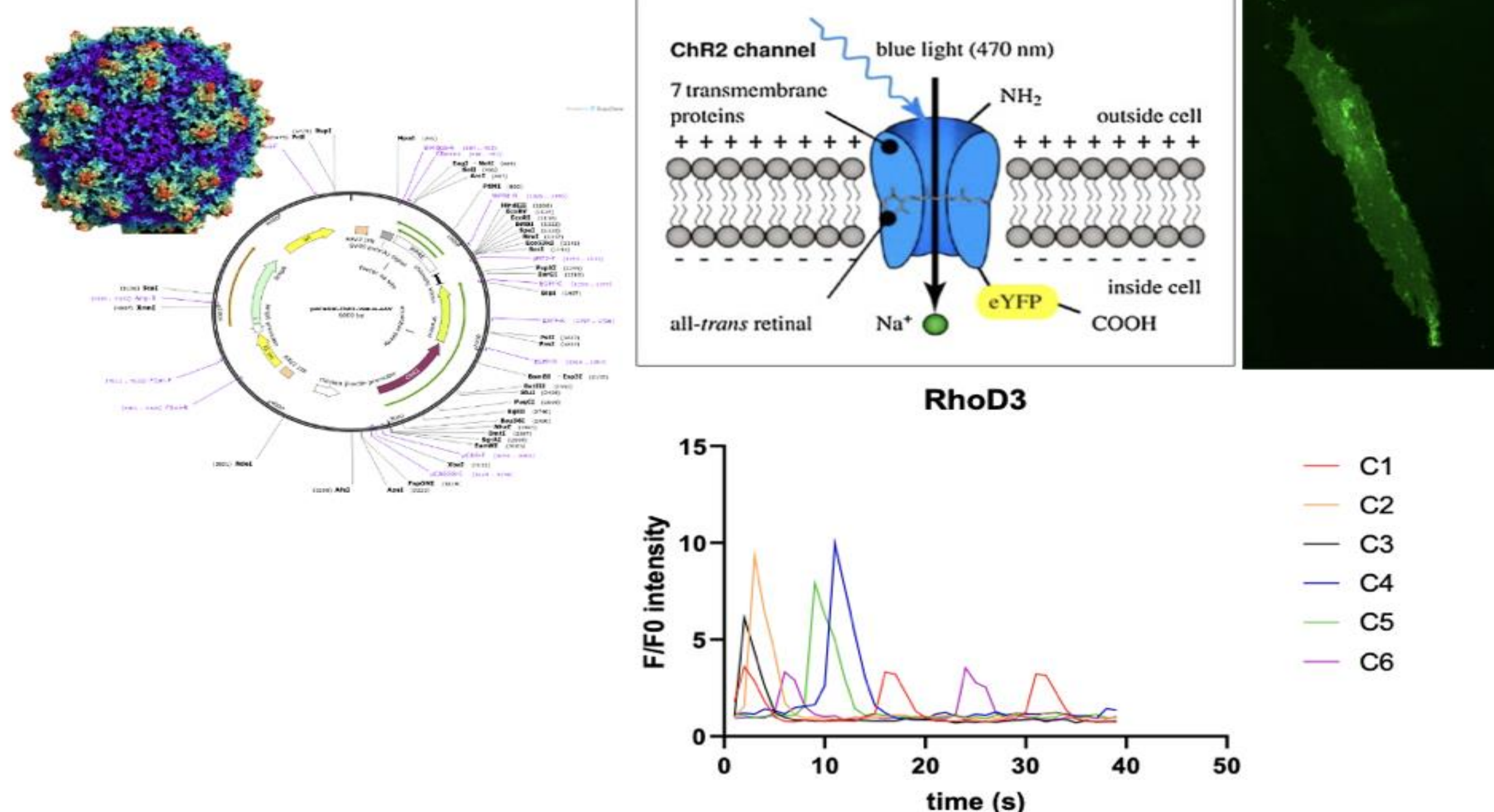
1) Titin protein and Titinopathies



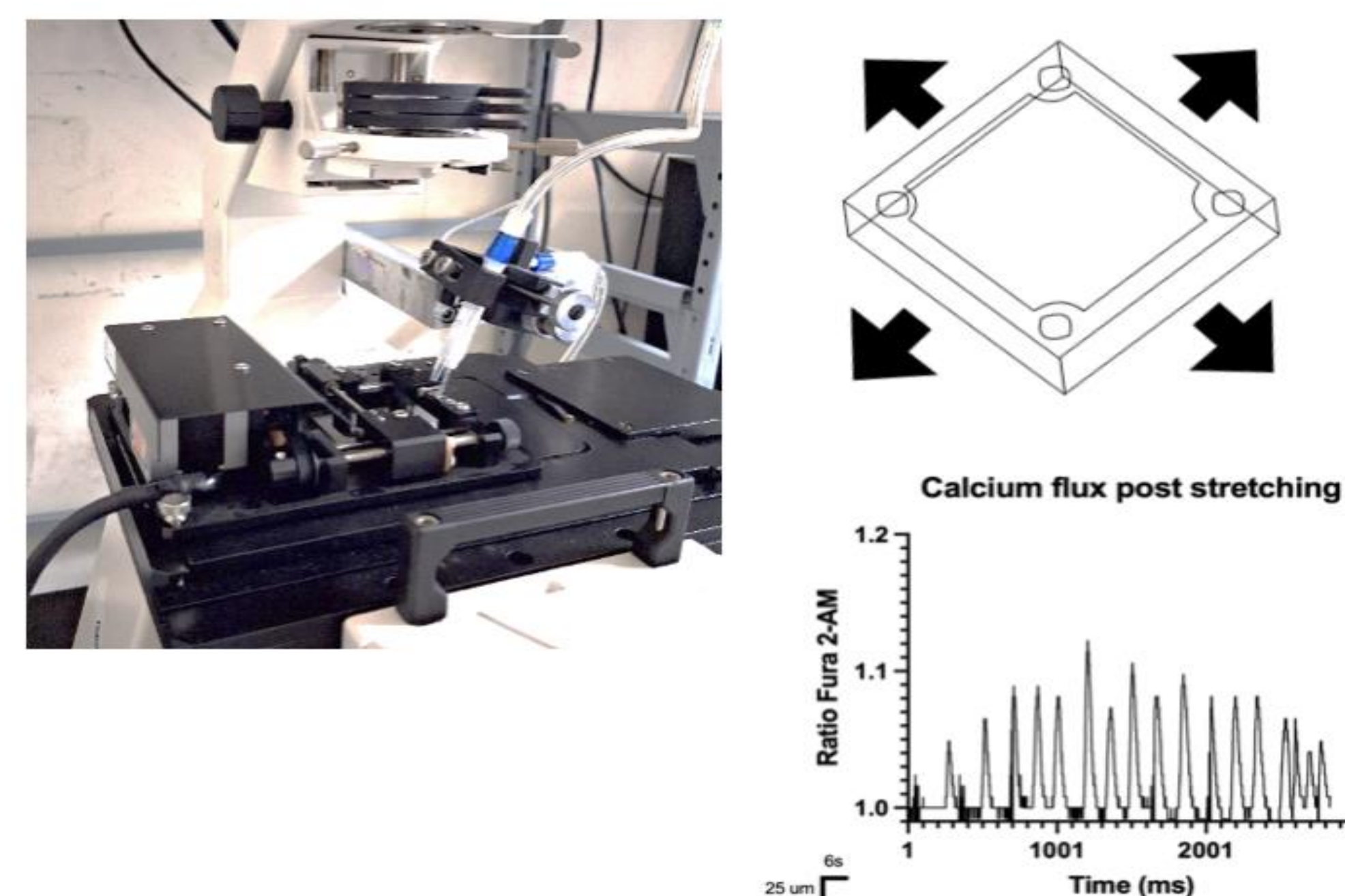
2) Calcium flux analysis by optogenetics and cell stretching

Optogenetic

AAV1-ChR2-venus

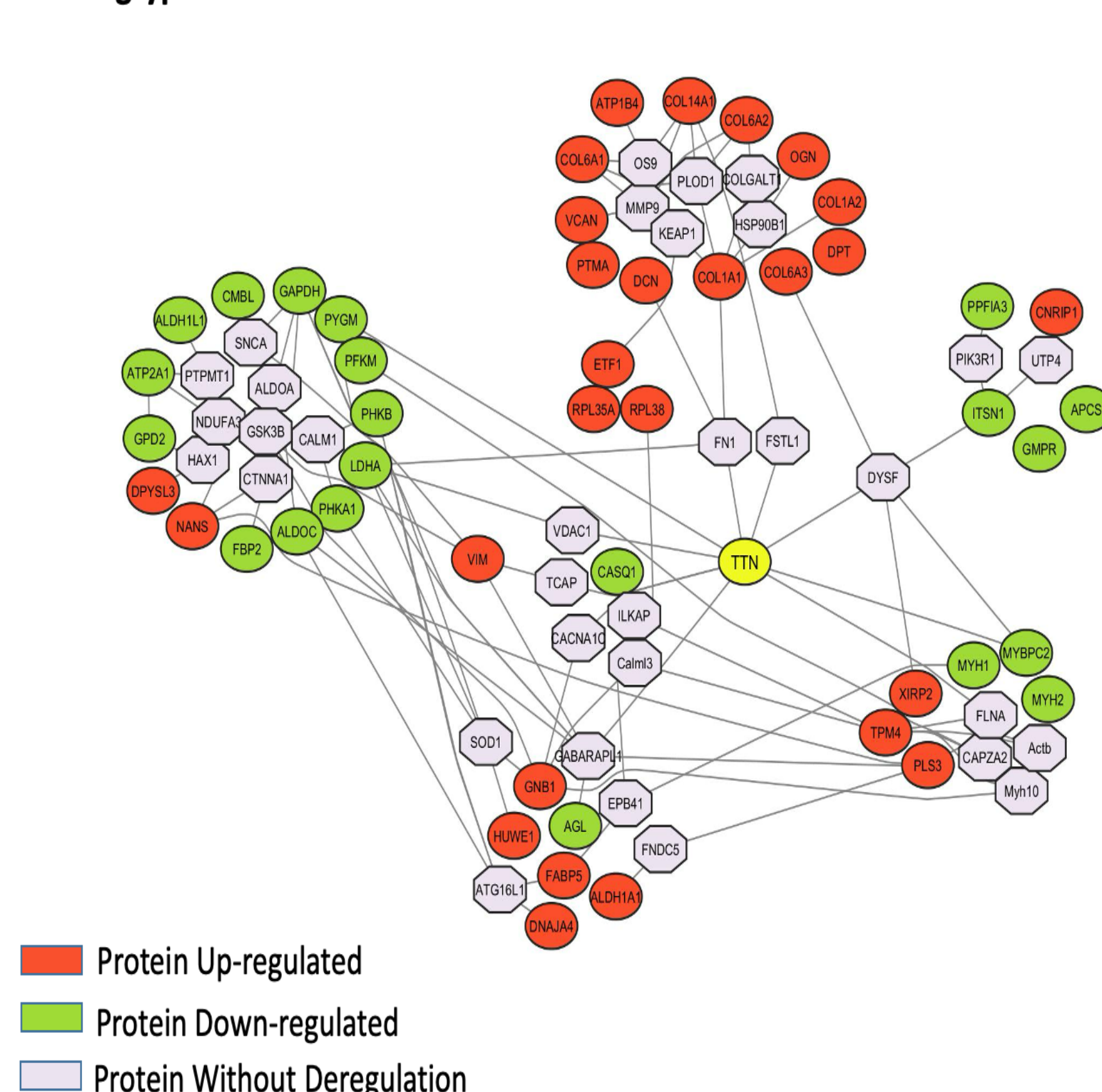


Cell stretching



3) Study of the signalling pathways affected in Titinopathies

Arthrogrypose



Myofibrillaire

