

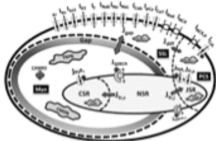
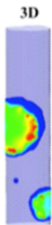
# Physical Integration

Subcellular

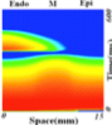
Cellular

Tissue

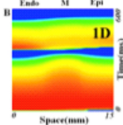
Organ



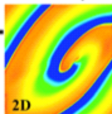
Unidirectional



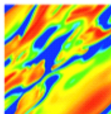
Bidirectional



Reentry

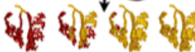
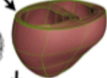


Fibrillation



DTMRI

Fiber



## Functional Integration

Electrophysiology

Ca handling

Signaling pathways

Mechanical regulation