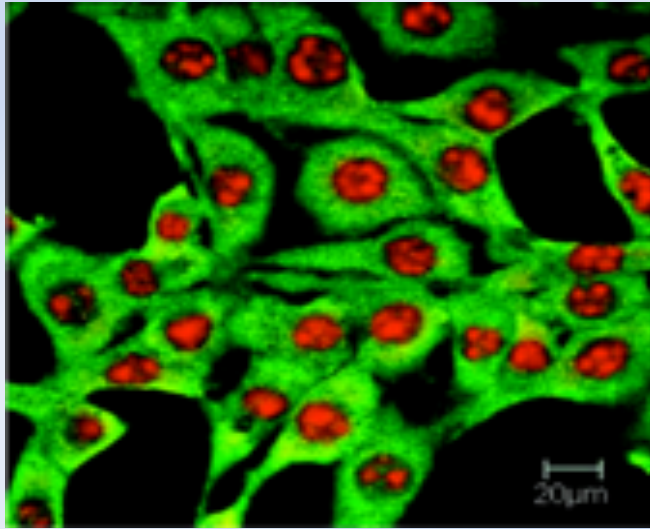
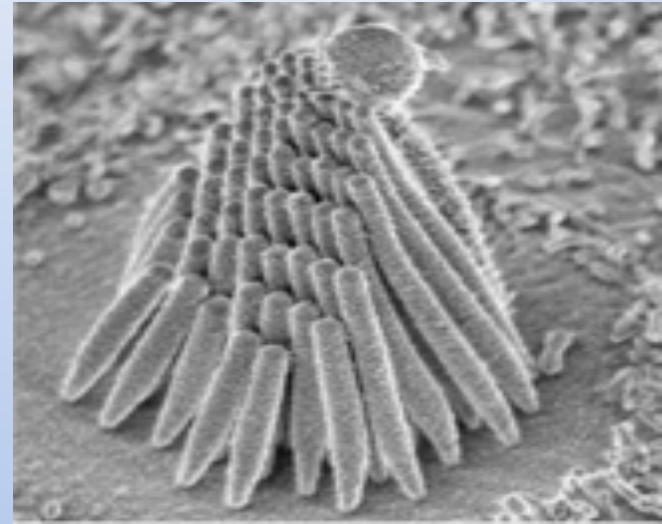




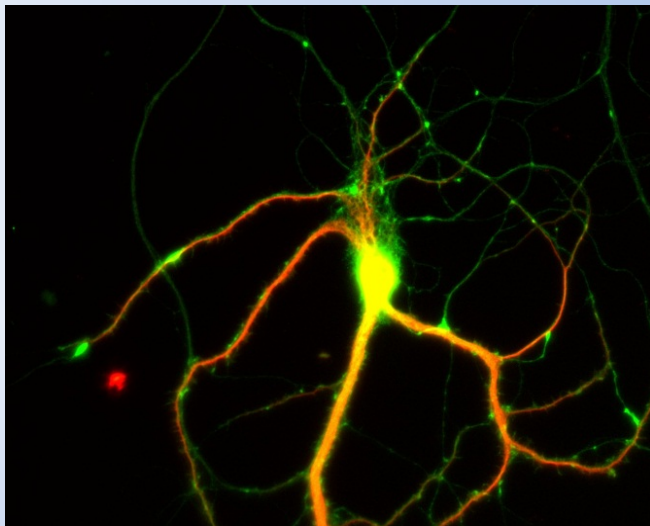
***Cells in culture. Arrowhead pointing to the nucleus in a cell.***



**Breast epithelial cells**  
(fluorescent imaging)



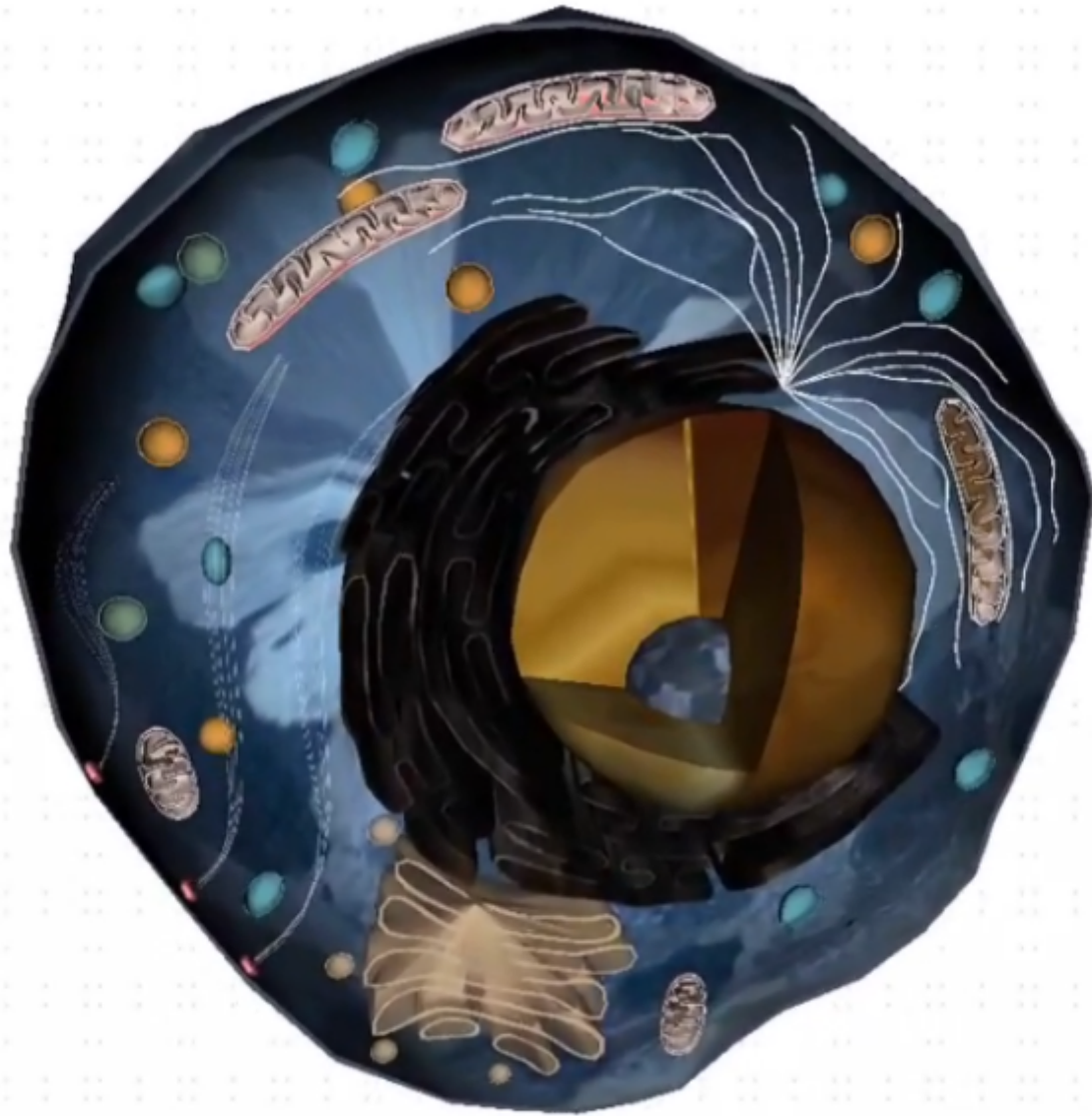
**Stereocilia of inner ear cells**  
(electron microscopy imaging)



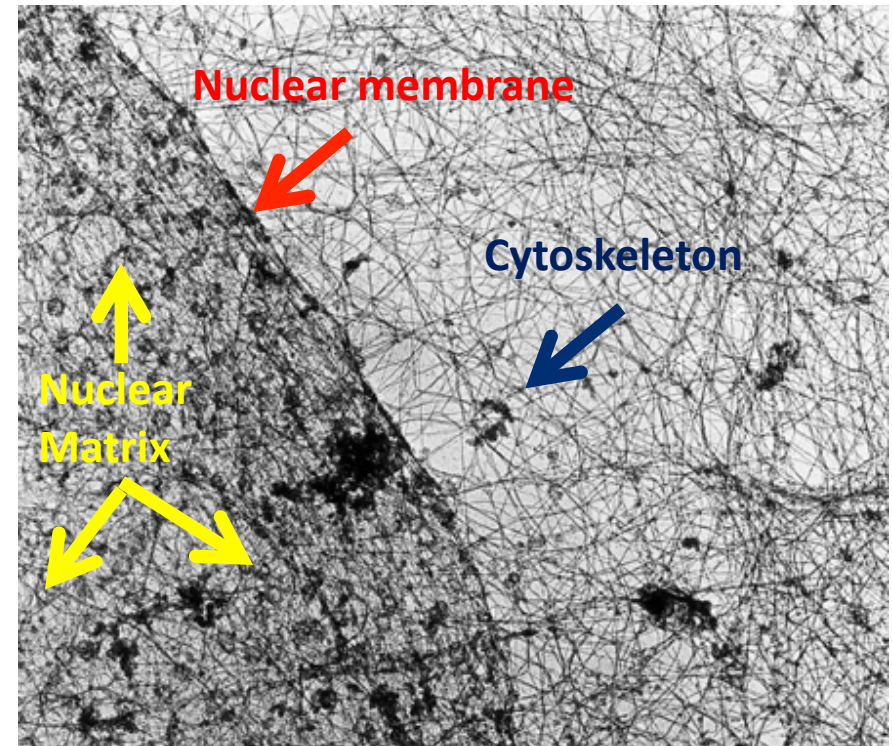
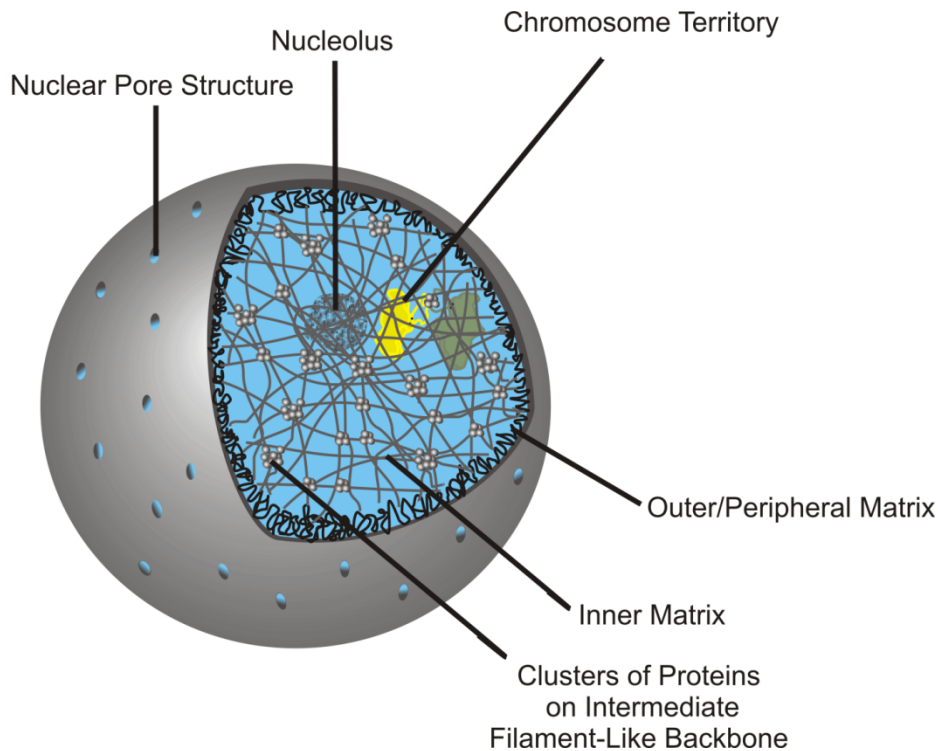
**Neuronal cell**  
(fluorescent imaging)



**Egg and sperm cells**  
(electron microscopy imaging) <sup>2</sup>



# The Nuclear Matrix



Schematic diagram of a nuclear matrix referred to as inner and outer matrix.

Electron microscopy image of the nuclear matrix network inside the nucleus, bound by the nuclear membrane. The cell cytoskeleton appears in the cytosol.

From: *Gene Ther Mol Biol Vol 13, 231-243, (2009); by Linnemann, and Krawetz*