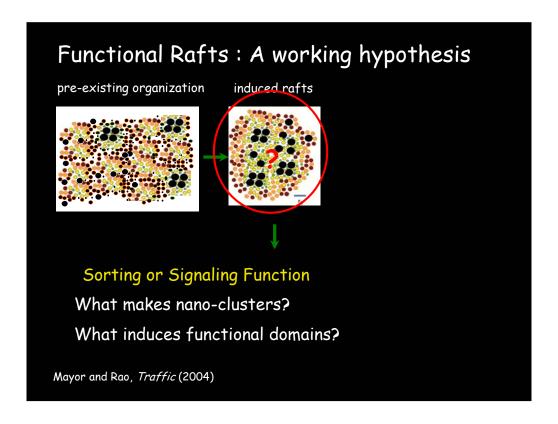
iBio Seminars Part III: Making Rafts in cell membranes

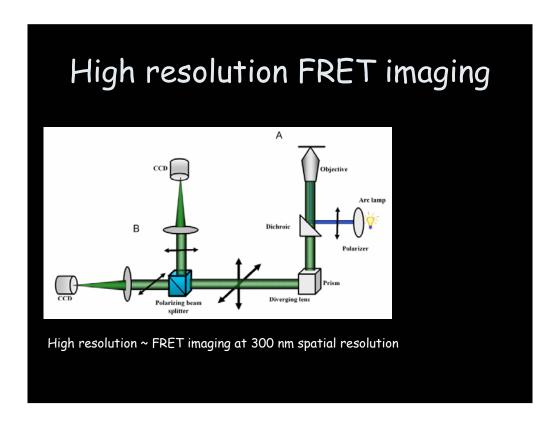
Satyajit Mayor National Centre for Biological Sciences (NCBS), Bangalore, India

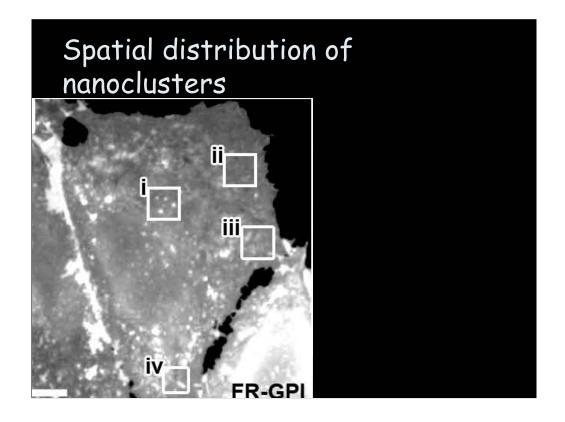
in collaboration with

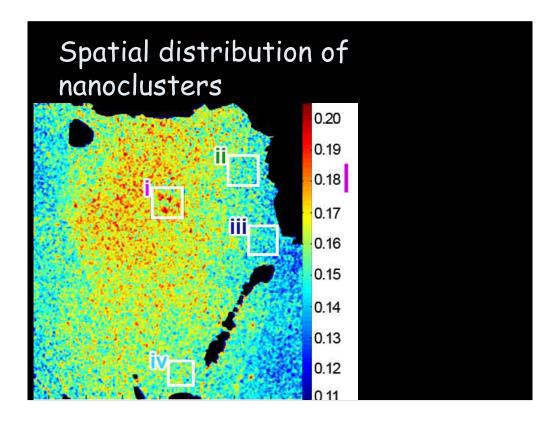
Madan Rao Raman Research Institute (RRI) , Bangalore

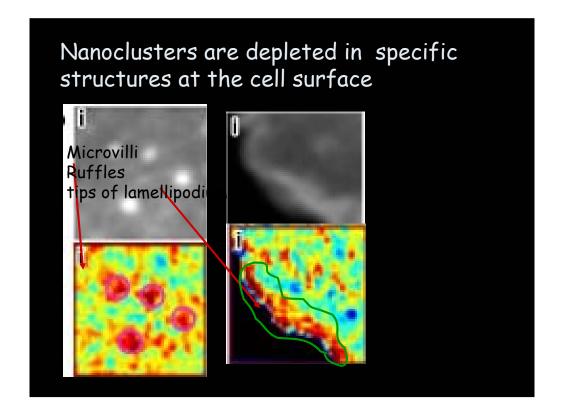




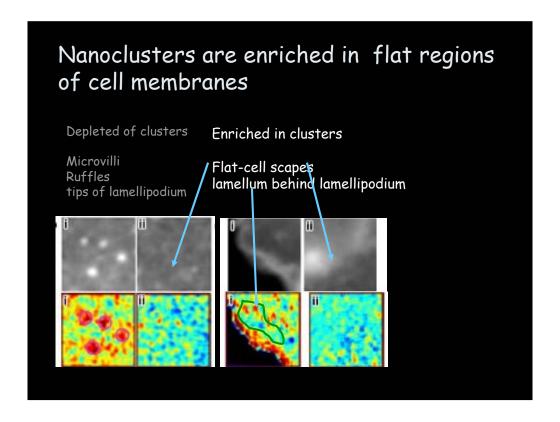


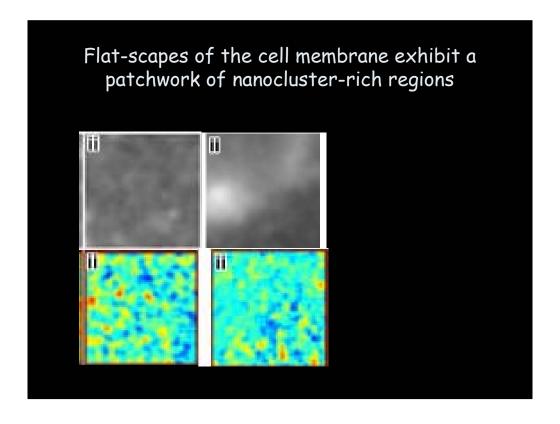






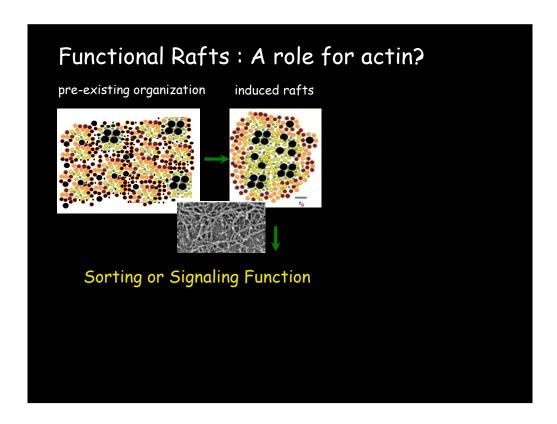


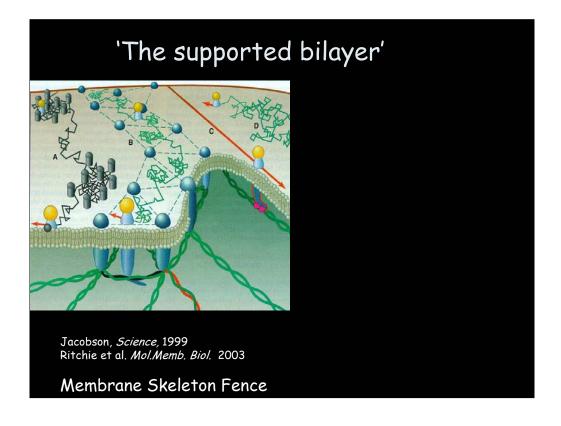


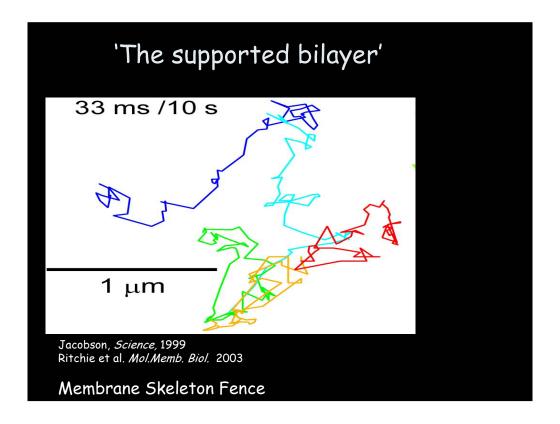


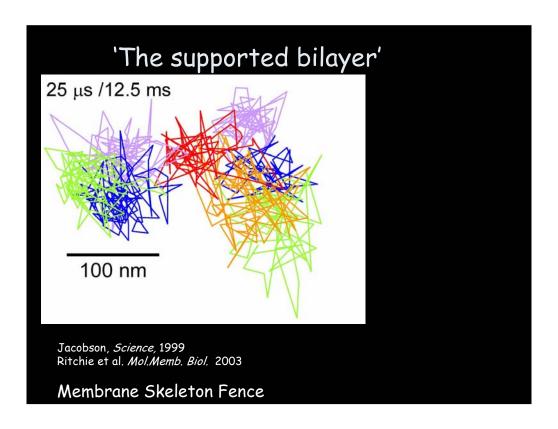
## Role of the actin-cytoskeleton in nanocluster distribution

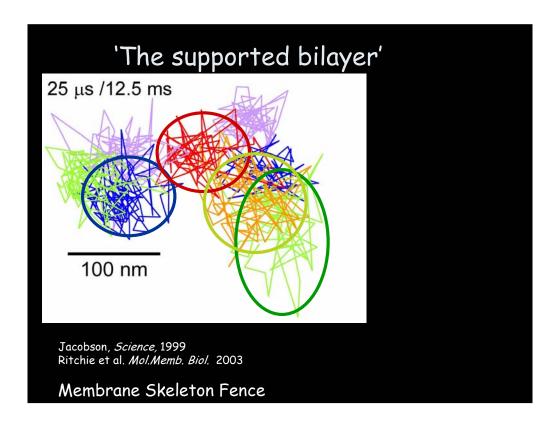
- Localization of nanoclusters with specific type of actin organization
- Actin perturbation dramatically modifies nanocluster distribution
- Inhibition of actin-polymerization activity, inhibits nanocluster formation and breakup











## EM analysis reveals actin substructure EM image of the actin-based membrane skeleton 20 jan Morone et al. JCB 2006

