

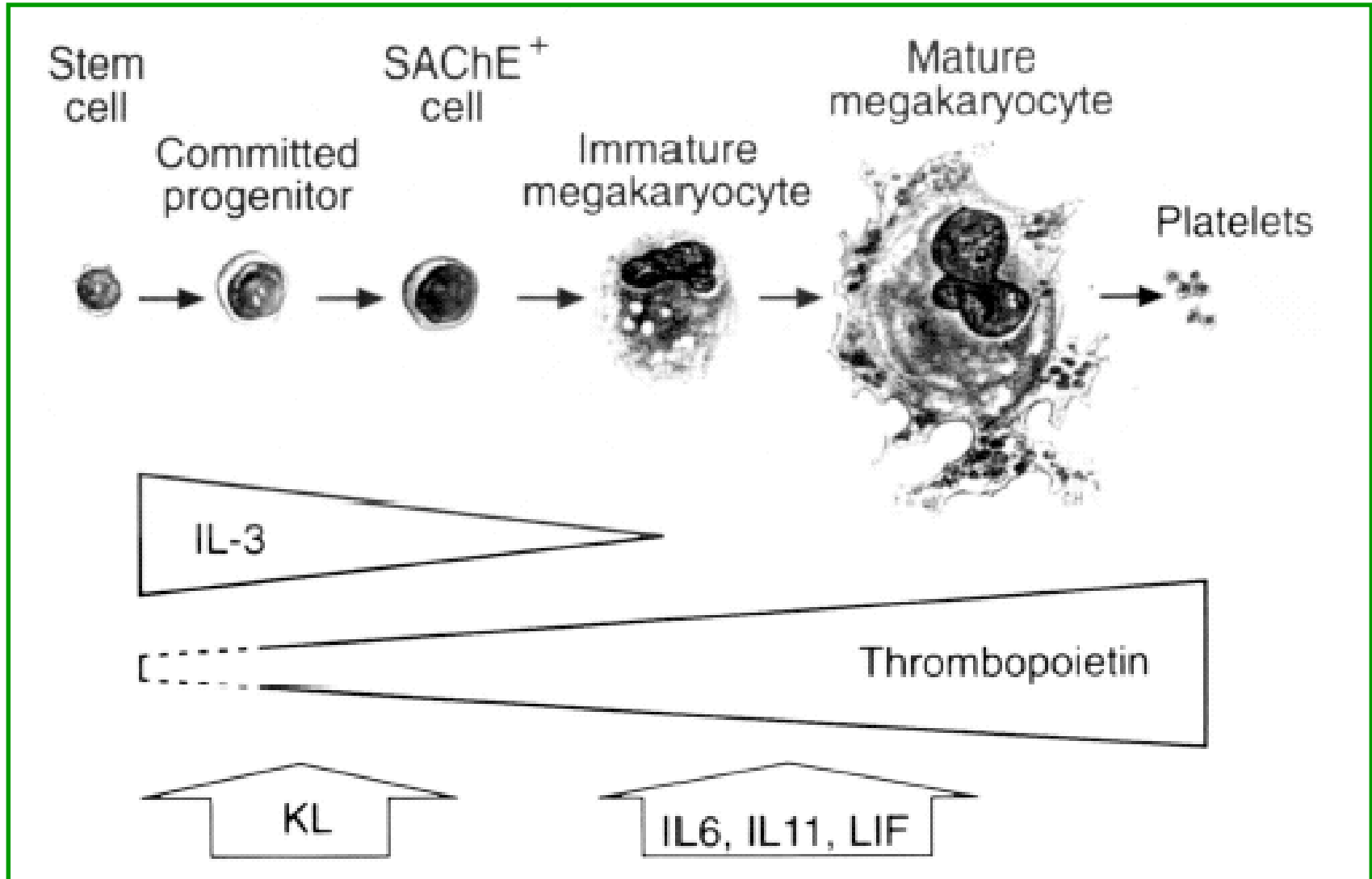


# **From stem cells to platelets regulation, environment and pathology**

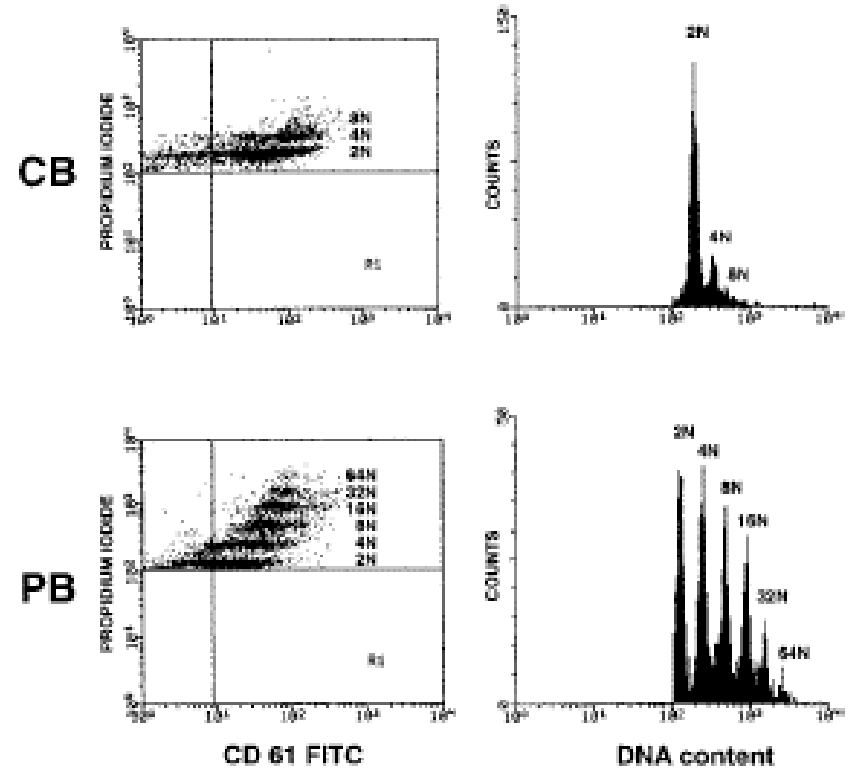
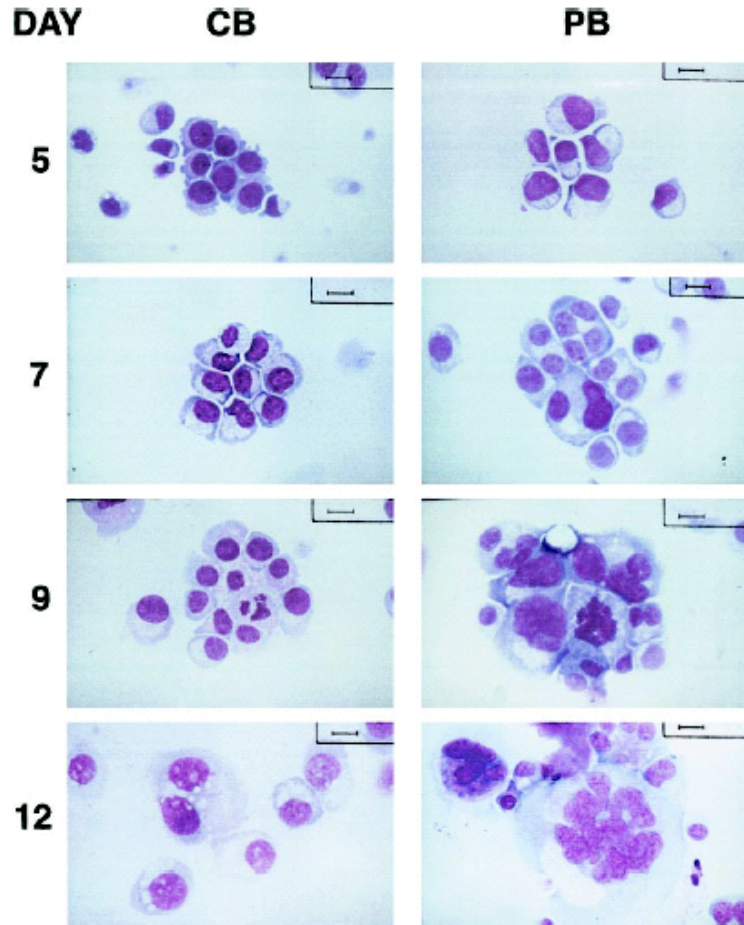
**Alessandra Balduini, MD**  
**Department of Biochemistry**  
**University of Pavia**

**Progetto Regione 7 Marzo 2008**

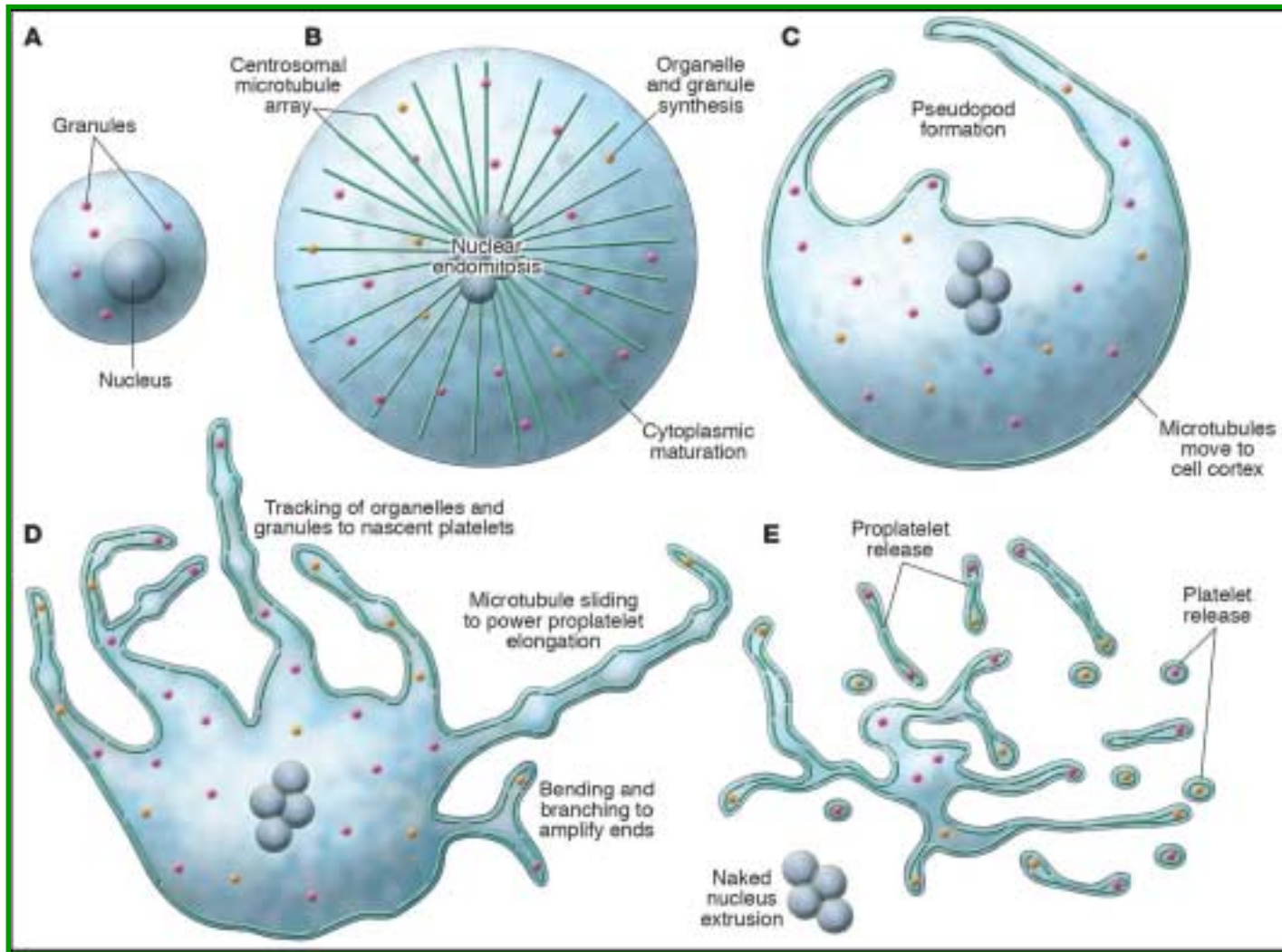
# Megakaryocyte Differentiation



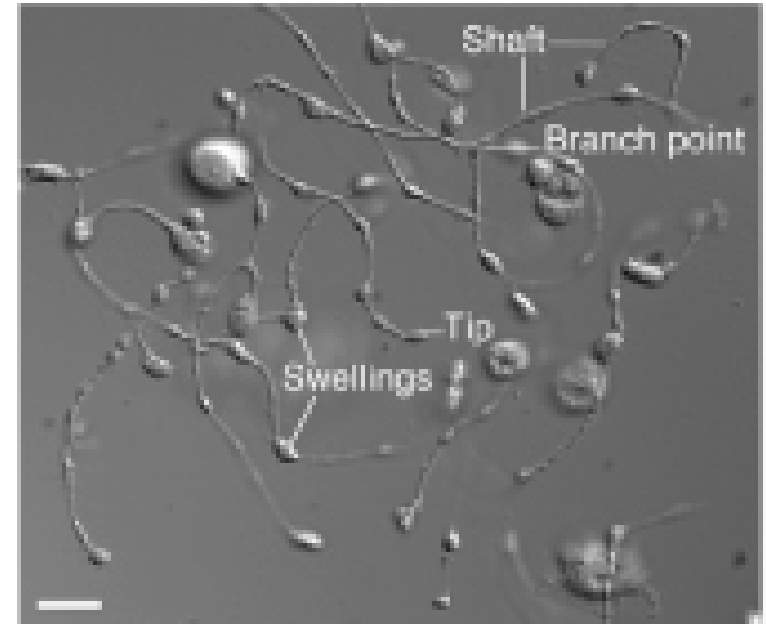
# Ploidy



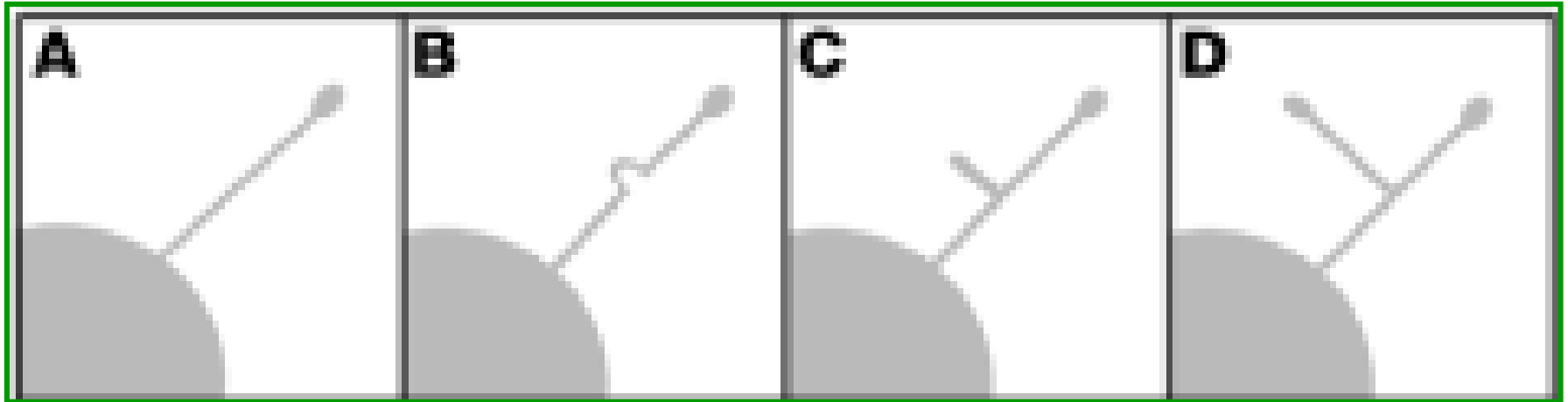
# Proplatelet extension



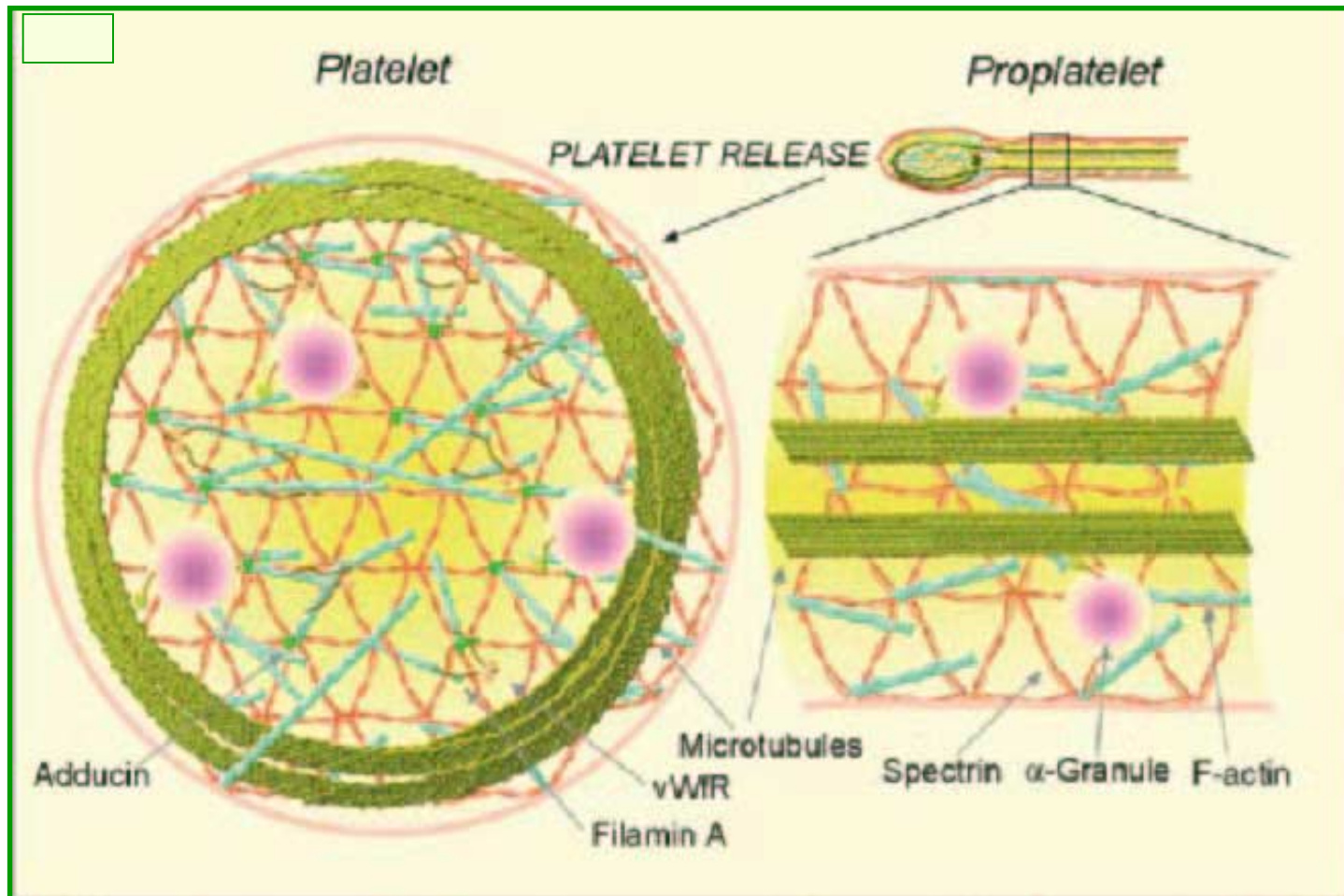
# Proplatelets



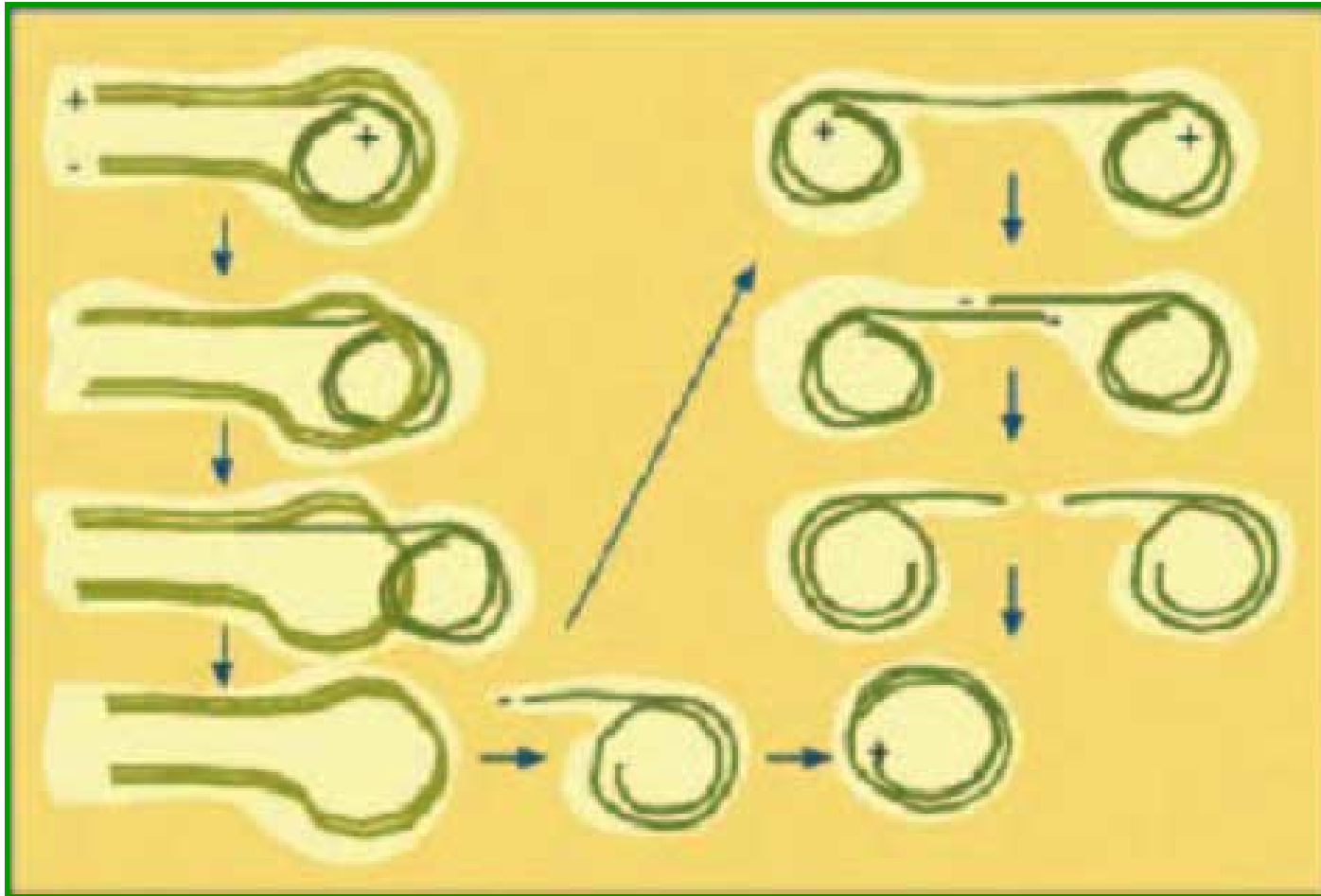
# Proplatelet branching



# Proplatelet cytoskeleton

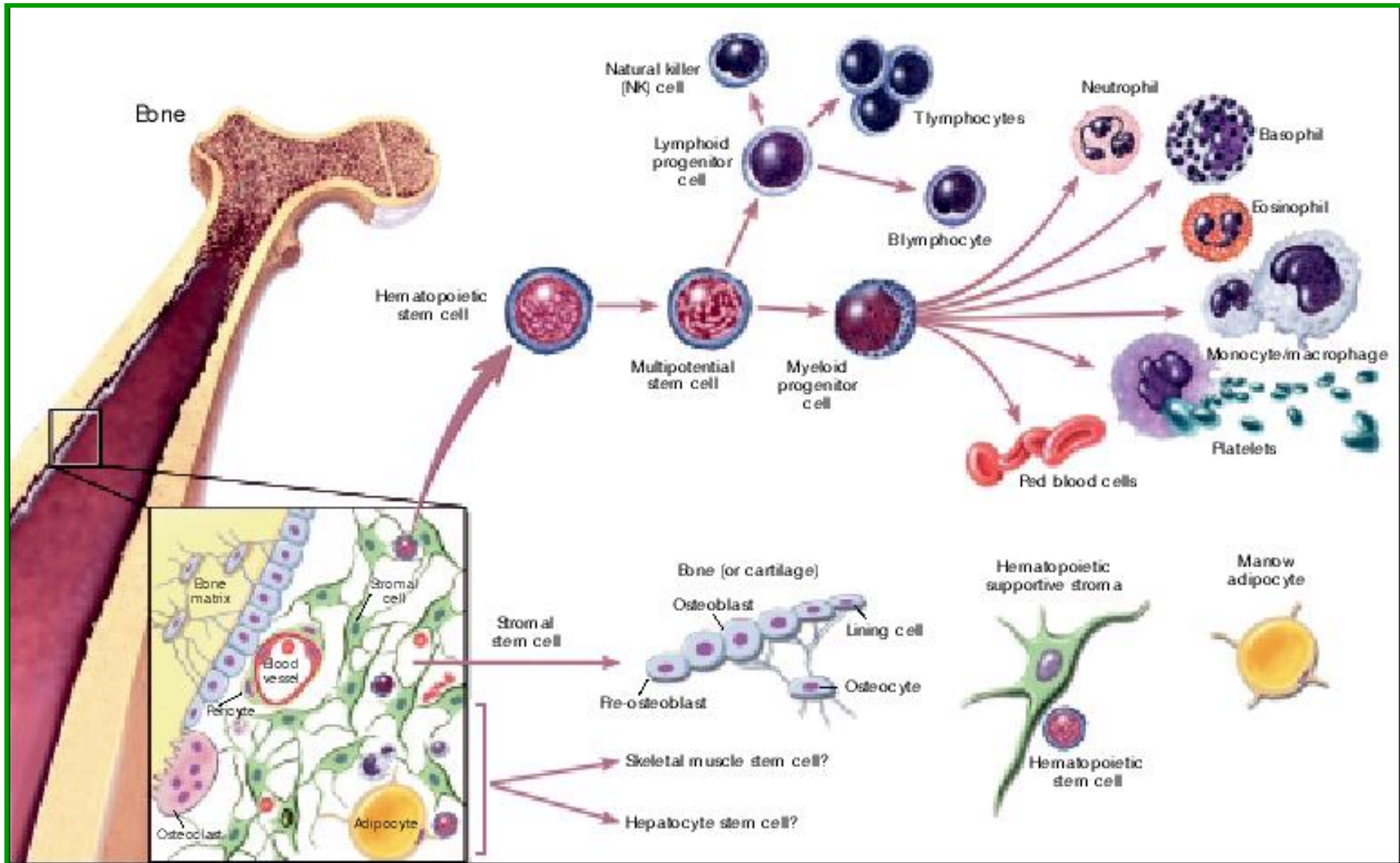


# Platelet release

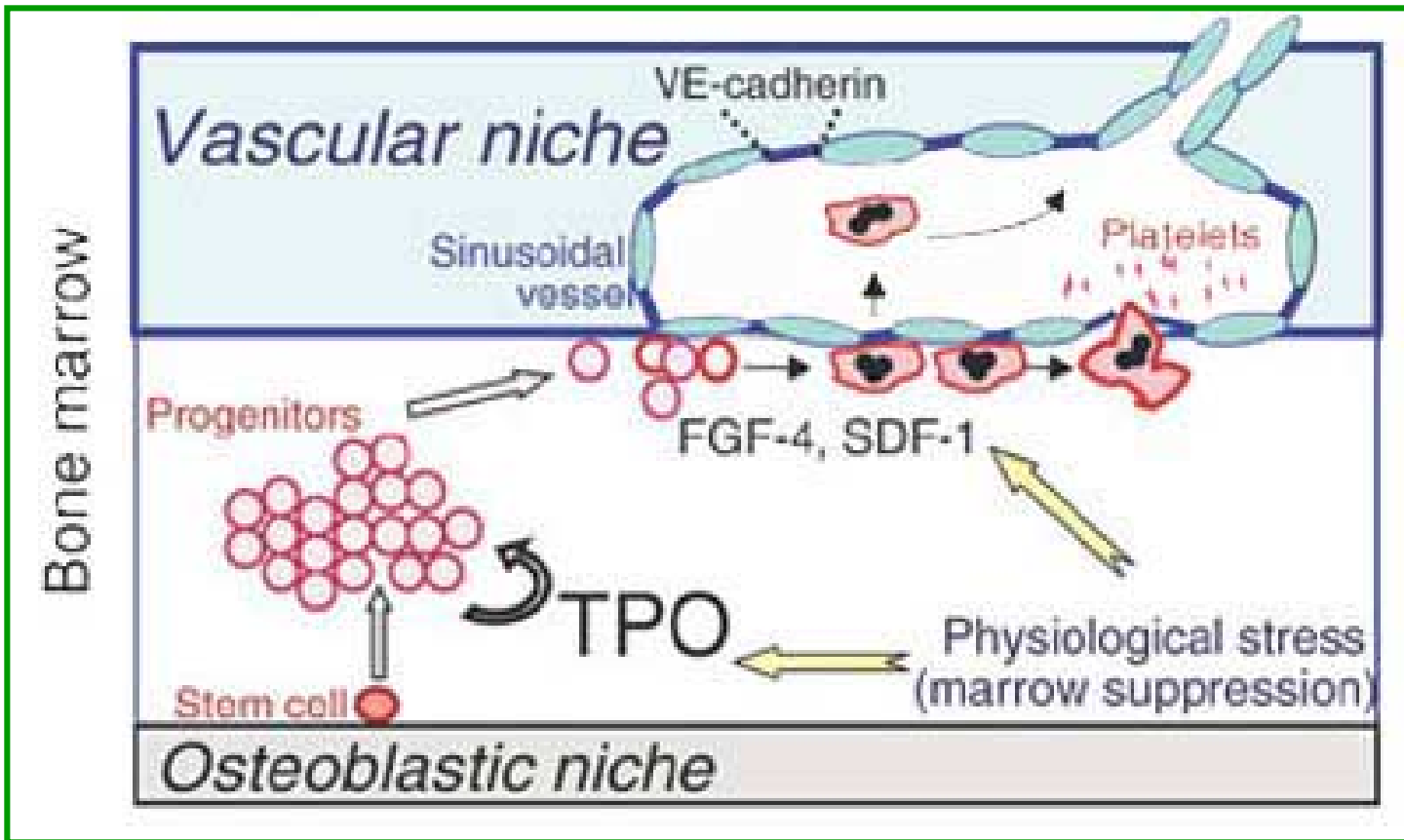




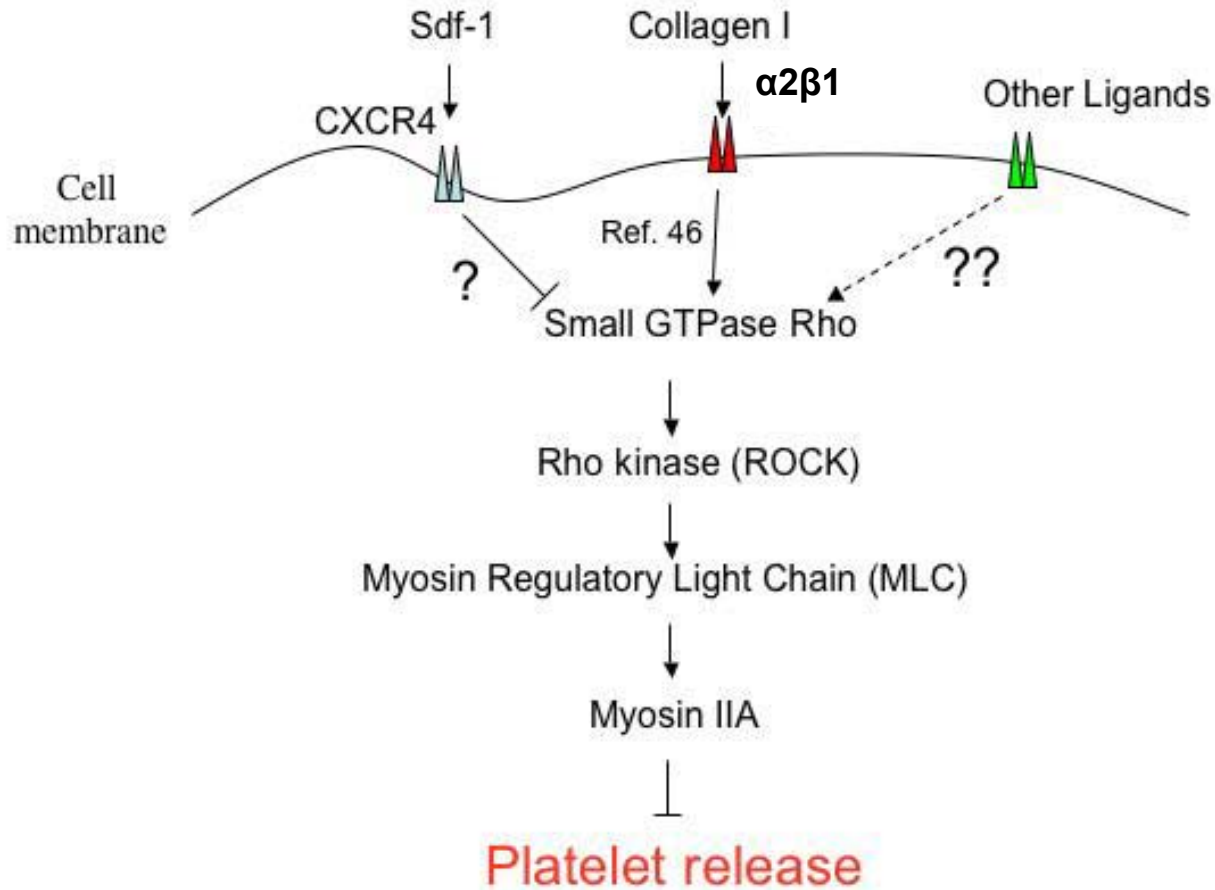
# Bone marrow niches



# Experimental model of thrombopoiesis



# PPF regulation model



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