EMT in The Progression of Carcinoma

Jean Paul Thiery is currently CNRS emeritus scientist in Paris and a Visiting Professor at the National University of Singapore (NUS). He was until June 2015, Professor and Head of the Biochemistry Department, School of Medicine, NUS. He also had a joint appointment as Research Director at IMCB A*STAR Singapore and was Senior Principal Investigator at the Cancer Science Institute at NUS. In 2006, he moved to Singapore from his position as Head of Translational Research at the Medical Division of the Comprehensive Cancer Center of Institut Curie, and before that, Head of the Cell Biology Department at the Institut Curie in Paris until 2003. After his PhD studies at the University of Paris, his postdoctoral research with Gerald Edelman (Nobel Laureate) at the Rockefeller University led to the discovery of N-CAM, the first intercellular adhesion molecule to be identified. His influential works include pioneering studies in cell adhesion and migration in early embryogenesis and in elucidating the roles of growth factors and adhesion signaling molecules in Epithelial-Mesenchymal Transitions (EMT). Jean Paul Thiery's current research focus is to unravel the mechanisms of invasion and metastasis of carcinoma cells. His seminal contributions to bladder carcinoma studies have led to the discovery of the molecular mechanisms underlying the formation of superficial or invasive tumors. Currently, his laboratory is focusing on oncogenomics and the creation of functional approaches to characterize breast and ovarian carcinoma with the ultimate goal to apply EMT-based therapeutic approaches. Jean Paul Thiery is an EMBO and Academia Europea member.

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