



Kristofer Rubin is since 1995 professor in Connective Tissue Biochemistry at Uppsala University, Sweden, and presently chairman at the Dept. of Medical Biochemistry and Microbiology. He has authored and co-authored some 120 original scientific articles and, in addition, reviews and book-chapters. His main research area concerns fluid balance in loose connective tissues. These tissues form a large body compartment and are present in all organs. In particular the group studies the interplay between integrins, growth factors and cytokines in the regulation of tissue tension. Furthermore, studies on the role of this tension for inflammatory reactions including edema formation and for the physiologic properties of the stroma in carcinoma are conducted. Finally, in more recent experiments the group aims to delineate the relevance of the collagen network architecture in carcinoma for transport phenomena.