



Prof. MUDr. Pavel Martásek, DrSc., FCMA

Pavel Martásek is Professor of Medicine at the 1st Faculty Medicine at Charles University in Prague, Czech Republic (graduation 1978) and Director of the Center of Excellence BIOCEV (joint project of six institutes of the Academy of Sciences of the Czech Republic and two faculties of Charles University in Prague). In his scientific work, Prof. Martásek utilizes his personal clinical experience, his extensive knowledge of internal medicine with a special focus on diseases with a hereditary component, and also his experience from active research in the field of pathobiochemistry. Interest in the study of the molecular basis of diseases led Prof. Martásek into the field of molecular and structural biology. Prof. Martásek is an internationally renowned expert in the research field of structural-functional determinants of the synthesis of gaseous molecules, which are important agents in normal and pathologic conditions, and in the field of heme synthesis and degradation. He has published >230 original articles, 19 book chapters and filed 25 patents (WoS HI=48, 10 424 citations). His deep insight into many metabolic pathways in health and disease, personal discoveries in the cloning of genes responsible for inherited diseases and recombinant protein purification at the beginning of the nineties led to the collaboration of Dr. Martásek with many prominent scientific teams in Europe, USA and Japan and enabled his participation in many collaborative research projects (INSERM, NIH).