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Prof. Dr. Mikhail A. Medvedev is an recognised researcher in the fields of inter- and intracellular signaling regulating the autonomic nervous system, human adaptation to stress, and cardiopulmonary bypass. He discovered a dissociation of actin and tubulin microtubules upon the action of cAMP and improved our understanding of messenger- and microtubule/microfilament-mediated calcium signaling in smooth muscle cells. Prof. Medvedev also studied the role of cytoskeleton in vasculo- and angiogenesis and participated in the development of novel techniques for organ preservation and mechanical cardiopulmonary resuscitation. He is a Laureate of Paul Ehrlich Medal and Medal of the Siberian Branch of the Russian Academy of Medical Sciences. Prof. Medvedev is an author of > 500 scientific papers.

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