



"Serum Amyloid A in Lipid Transport and Immune Response: Structural basis for a new function of an ancient protein"

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**Sala d'actes de l'Institut de Recerca de l'Hospital de Sant Pau-IIB Sant Pau
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Olga Gursky obtained her undergraduate and MS degree in Physics from Moscow state University (Russia) followed by a PhD in Physics from Brandeis University (USA) in 1992. Her background is in structural biology and x-ray crystallography of proteins and lipids. She is a leading expert in lipoproteins biophysics and in structural thermodynamics of proteins and their assemblies. Her laboratory uses a wide array of biophysical and biochemical methods to explore molecular mechanisms of function of plasma lipoproteins in health and disease. The other major research focus is on protein misfolding in amyloid diseases. Dr. Gursky has edited one book and authored over 80 peer-reviewed publications. She has served on editorial boards of the Journal of Lipid research and Biophysica Biochimica Acta, and on the grant review committees for numerous national (NIH and NSF in USA) and international agencies in UK, Germany, Spain (Consolider program), Israel, Austria, Australia and other countries. She directs graduate students and postdocs and teaches at the graduate school in Boston University School of Medicine