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Aleksandr Noy was born in Moscow, received his BSc in Physical Chemistry from Moscow State University (Russia) in 1992, and his MS and PhD in Chemistry from Harvard University in 1998. After receiving his doctorate he was awarded the inaugural E.O. Lawrence Fellowship at the Lawrence Livermore National Laboratory, where he is currently a Staff Scientist and a Theme Leader at the Physical and Life Sciences Directorate. He also serves as an adjunct associate Professor at the School of Natural Sciences at the UC Merced. His research interests range from single molecule biophysics to bio-nanoscience and applications of nanotubes and nanowires to nanofluidics, molecular transport, and sensing.