



GPMLS: Distinguished lecture series

Professor Virginijus Siksnys



Novel CRISPR-Cas and other programmable nucleases as potential genome editing tools

Virginijus Siksnys, PhD, is a Professor at the Institute of Biotechnology, and the Head and Chief Scientist of the Department of Protein - DNA Interactions at Vilnius University, Lithuania.

“The overall research theme in our lab is the structural and functional characterization of enzymes and enzyme assemblies that contribute to the bacteria defense systems which target invading nucleic acids. In particular, we are involved in the deciphering structural and molecular mechanisms of restriction enzymes, and the molecular machinery involved in the CRISPR function. We are using X-ray crystallography, mutagenesis, and functional biochemical and biophysical assays to gain information on these systems.”

Further information: <http://www.bti.vu.lt/en/>

Monday, May 16th, 15:00-16:00

Location: room 132 in Askja