

IMCB Invited Speaker



Speaker : **Dr. Victor Kotelianski**
*Visiting Fellow, Koch Institute,
Massachusetts Institute of Technology,
Cambridge, USA.*

Date : 28 March 2013 (Thursday)

Time : 11:00AM - 12:00PM

Venue : IMCB Seminar Room 3-46, Level 3, Proteos, Biopolis

Host : Prof. Jean Paul Thiery

Seminar :

In vivo RNAi and Functional Genomics

The talk will focus on the use of siRNAs *in vivo* to study gene function in the liver of mouse. In the first part of the talk, progress in siRNA delivery to mouse hepatocyte will be shown. The second part of the talk will be devoted to the analysis of three different cases of multiple mRNAs knockdown in studies of endocytosis, hypoxia and HYPPO pathway. RNA interference technology can now be used to examine the activities of specific genes in animal models.

About the Speaker :

Dr. Kotelianski received his Doctor of Science (D.Sc.) degree from the National Cardiology Research Center, Academy of Medical Science in Moscow, and then went on to serve as the Institute's Professor of Cell Biology. He was senior scientist at the Institute of Protein Research, National Academy of Science in Poustchino (Moscow Region). He received his Ph.D. in molecular biology from the National Academy of Sciences in Moscow and his M.D. from Uzhgorod University Medical School. He joined Alnylam in 2003 as Vice President of Research and was promoted to Senior Vice President, Distinguished Alnylam Fellow in 2008. He was formerly Distinguished Investigator, Director of Biological Research at Biogen (now Biogen Idec) and earlier in his career he served as Director of Research, Institut National de la Sante et de la Reserche Medicale (INSERM) in Paris. He has over 150 publications.



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