



Institute of Molecular Genetics AS CR, v.v.i.
a
Department of Transgenic Models of Diseases

"Active Transgene Integration, Transgenesis and Gene Therapy"

presented by

Stefan Moisyadi, Ph.D.

Assistant Professor

Institute for Biogenesis Research

Department of Anatomy, Biochemistry and Physiology

University of Hawai's at Manoa

USA

Friday July 18 3:15 PM

ground floor, Lecture Hall of the Institute of Molecular Genetics AS CR, v.v.i., Praha Krc

background:

The laboratory of Stefan Moisyadi has constructed chimeric transposases and other integrating enzymes for targeted integration and/or to enhance site-specificity. The ability to customize zinc-finger DNA binding modules will enable to target integration events to specific locations in the genome. Such targeted integration of transgenes is essential for proper and stable levels of protein expression and to prevent integration into unwanted areas of the genome.

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