Invited Talk

Identifying microRNAs and their targets

Nikolaus Rajewsky
Systems Biology of Gene Regulatory Elements
Max Delbrück Center for Molecular Medicine (MDC), Berlin-Buch
Robert-Rössle-Str. 10
13092 Berlin Germany
rajewsky@ mdc-berlin.de

Abstract
I will summarize what can be learned from predicting and analyzing microRNA targets. As an example, I will discuss the function of miR-150 in the immune system. Finally, I will present a new algorithm for the identification of microRNAs from deep sequencing data.