



Himanshu Manchanda

Optimization of the influenza neuraminidase inhibitor therapy by use of secondary bacterial infections

Identification and characterization of novel leads for neuraminidase (NA) inhibitors for the treatment of influenza that act on independently NAH resistances and, in addition, inhibit the NA of pneumonia inducing bacteria.

Novel approaches to predict the therapeutical outcome of NAH.

Publications

Manchanda H, Seidel N, Krumbholz A, Sauerbrei A, Schmidtke M, Guthke R (2014) Within-host influenza dynamics: a small-scale mathematical modeling approach. *Biosystems* 118, 51-59. [Details](#)
[PubMed](#)

Supervisor

[Reinhard Guthke](#)

Start of PhD

February 9, 2012

Doctoral Disputation

December 18, 2015