



Mendel Centre Seminar



Auxin Recognition

24/11/2015

TUESDAY

start 16:00

delivered by

Seminar room 252, building A29
University Campus Bohunice
Kamenice 5, Brno

Prof. Richard M. Napier

Research group Molecular Recognition and Transport, University of Warwick,
Conventry, United Kingdom

Hosted by Tomasz Nodzynski, B.A., M.Sc., Ph.D.

Abstract:

My research group is using the techniques of drug discovery in order to help identify new, potent and selective auxinic herbicides for agriculture. We are using structure-led techniques to describe the auxin-binding site of the receptor TIR1, improving modelling tools for docking molecules into deep binding pockets and we use biophysical assays to measure binding activity of purified proteins. The lecture will give an overview of this research work and illustrate how this detailed molecular characterisation can make a difference in the field.