

BISON GUEST LECTURE

Presentation, Generation and Organization of Data in Structural Glycoscience.

12/09/2016

CEITEC MU

Kamenice 5, Brno
Entrance from Studentská street

Building A35, Room 211

 START: 11.00

Prof. Serge Perez
Universite Grenoble Alpes

In two recently published monographs, "A road-map for Glycoscience in Europe" and "Transforming Glycoscience: A Roadmap for the future" published respectively under the auspices of the European Science Foundation and the National Academies USA, a selected number of goals were identified. One of particular importance was the need for "establishment of long term databases and bio-informatics and computational tools to enable accurate carbohydrate and glycoconjugate structural predictions". One of the challenges facing Glycoscience is the development and implementation of robust and validated informatics toolbox enabling accurate and fast determination of complex carbohydrate sequences extendable to 3D prediction, computational modeling, data mining and profiling. The concomitant expansion of stable and integrated databases, cross-referenced with popular bioinformatics resources should contribute to connecting glycomics with other omics.

More information about the lecture [HERE](#).



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