HumanLectome, an Update of UniLectin for the Annotation and Prediction of Human Lectins
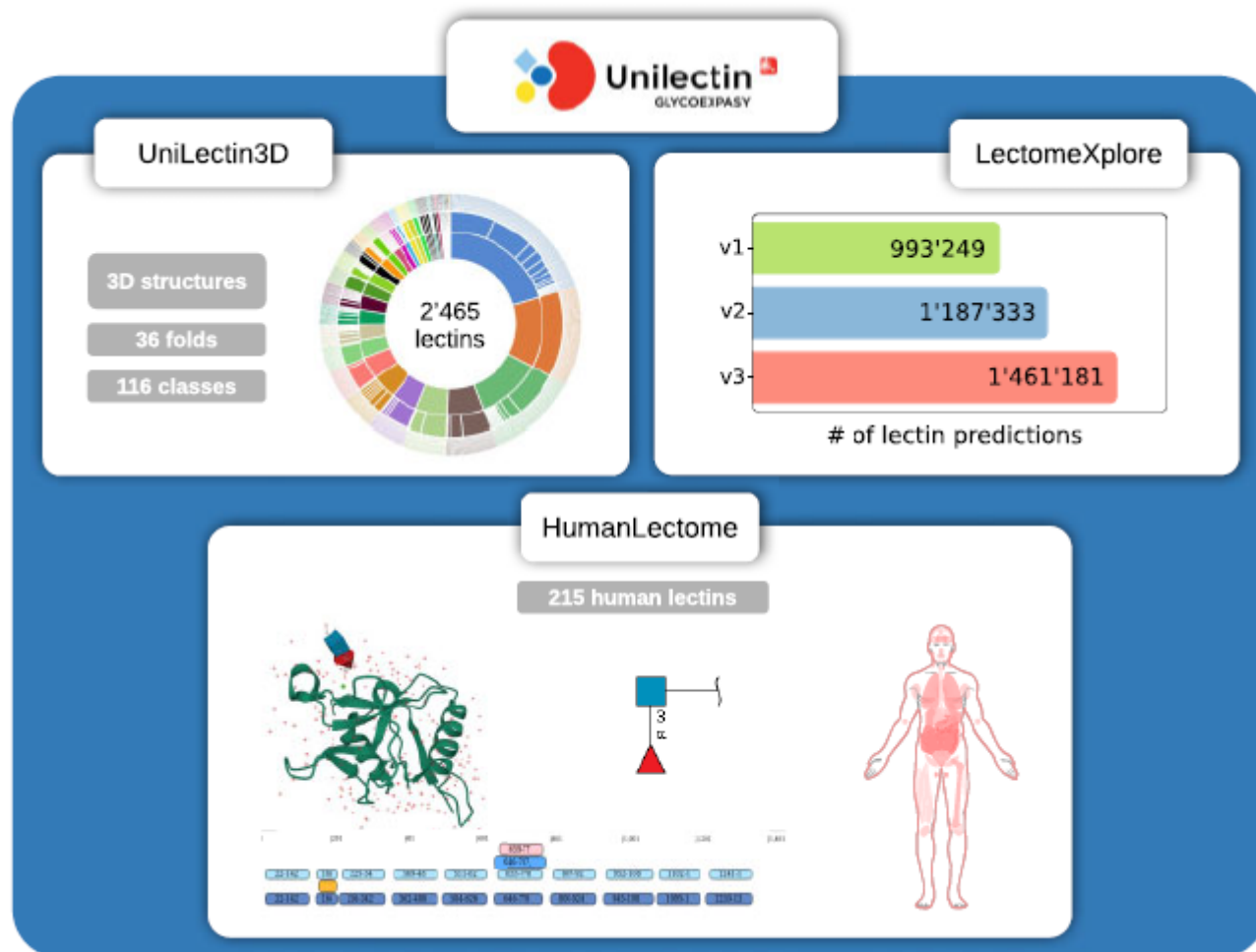
Description

The UniLectin portal (https://unilectin.unige.ch/) was designed in 2019 to centralise curated and predicted data on carbohydrate-binding proteins known as lectins. UniLectin is also intended to support the study of lectomes (complete lectin set) of organisms or tissues. The present update describes the inclusion of several new modules. It details the latest (https://unilectin.unige.ch/humanLectome/), covering the present knowledge of the human lectome and comprising 215 unevenly characterised lectins, particularly regarding structural information. Each HumanLectome entry is protein-centric and compiles evidence of carbohydrate recognition domain(s), specificity, 3D structure, tissue-based expression and related genomic data. Other recent improvements regarding interoperability and accessibility are outlined.

Category

1. News