Bioinformatics Engineering Program

Uppsala University School of Engineering

Abstract

Development of new pharmaceuticals include numerous of tests and analyses, which unfortunately are both expensive and time consuming. The following study therefore aims to contribute to the area with development of new computer tools that uses the powerful Semantic Web and the ChEMBL database in a user-friendly environment like Bioclipse. In addition, relevant kinase studies utilizing these applications are performed to expand the knowledge in this area and to show the use of the developed tools.

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