

09/01/07

Carbohydrate databases and their integration

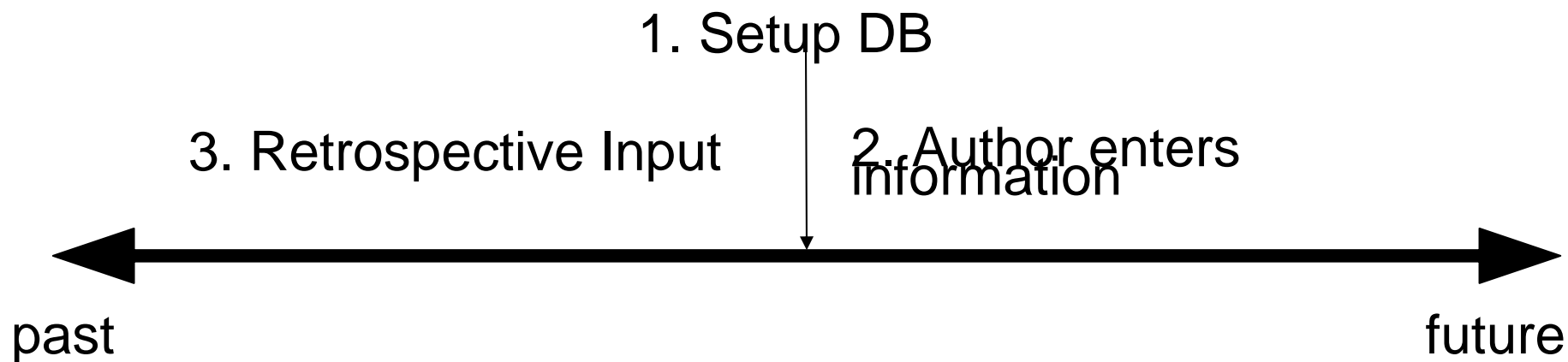
René Ranzinger



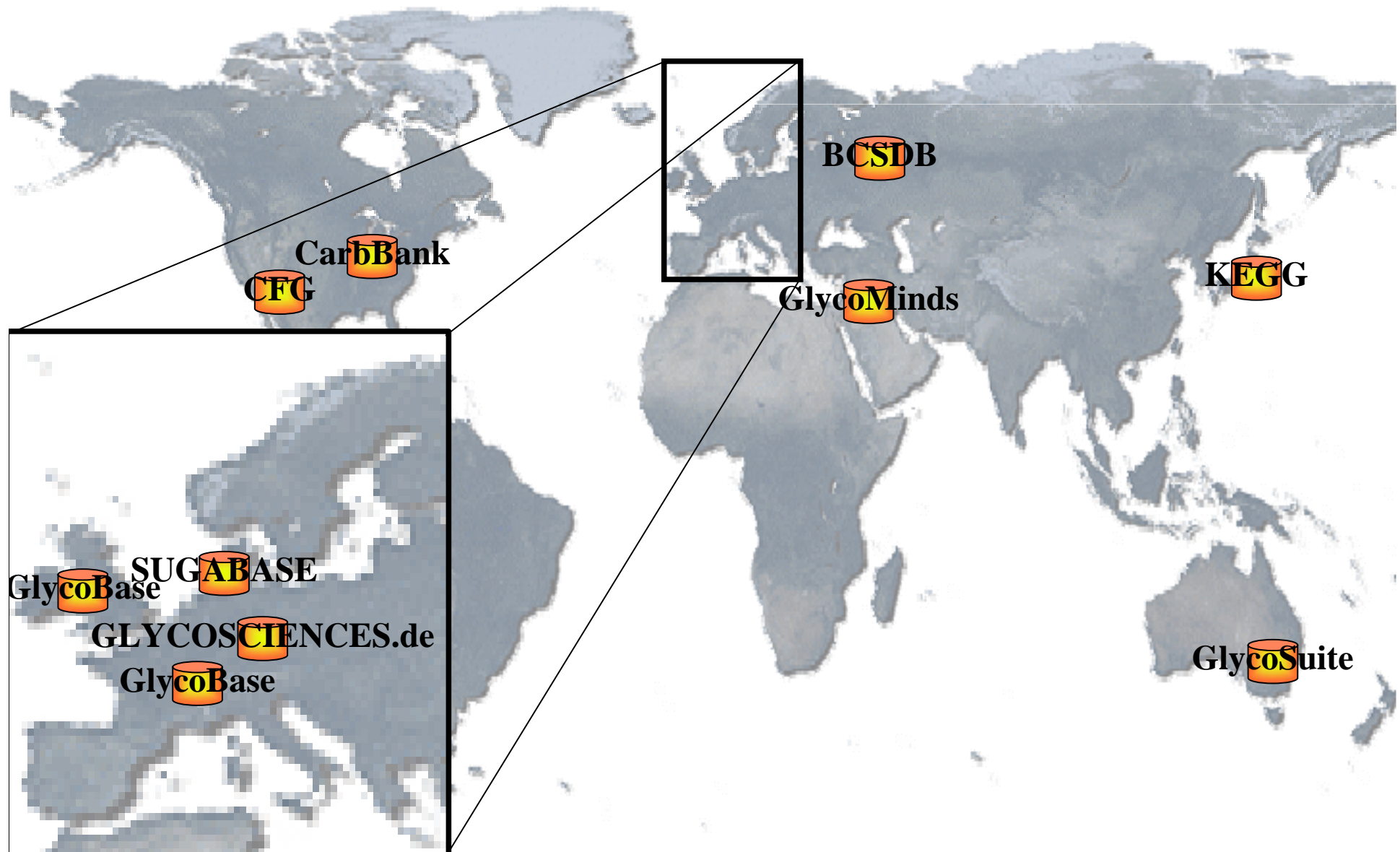
GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION



all structure information in literature
into a database



Carbohydrate structure databases



Problems : Partially overlapping information

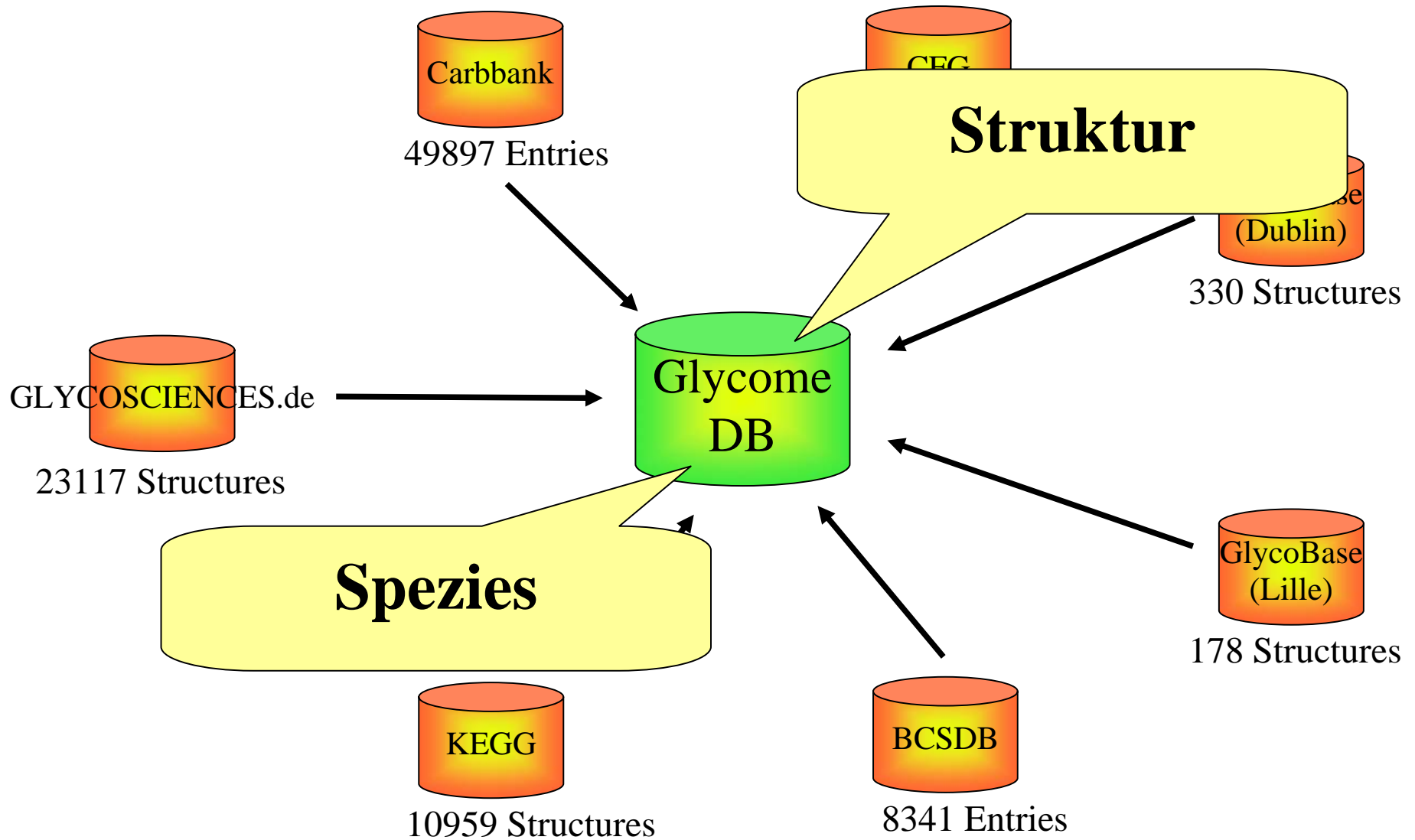
Information is scattered around the world

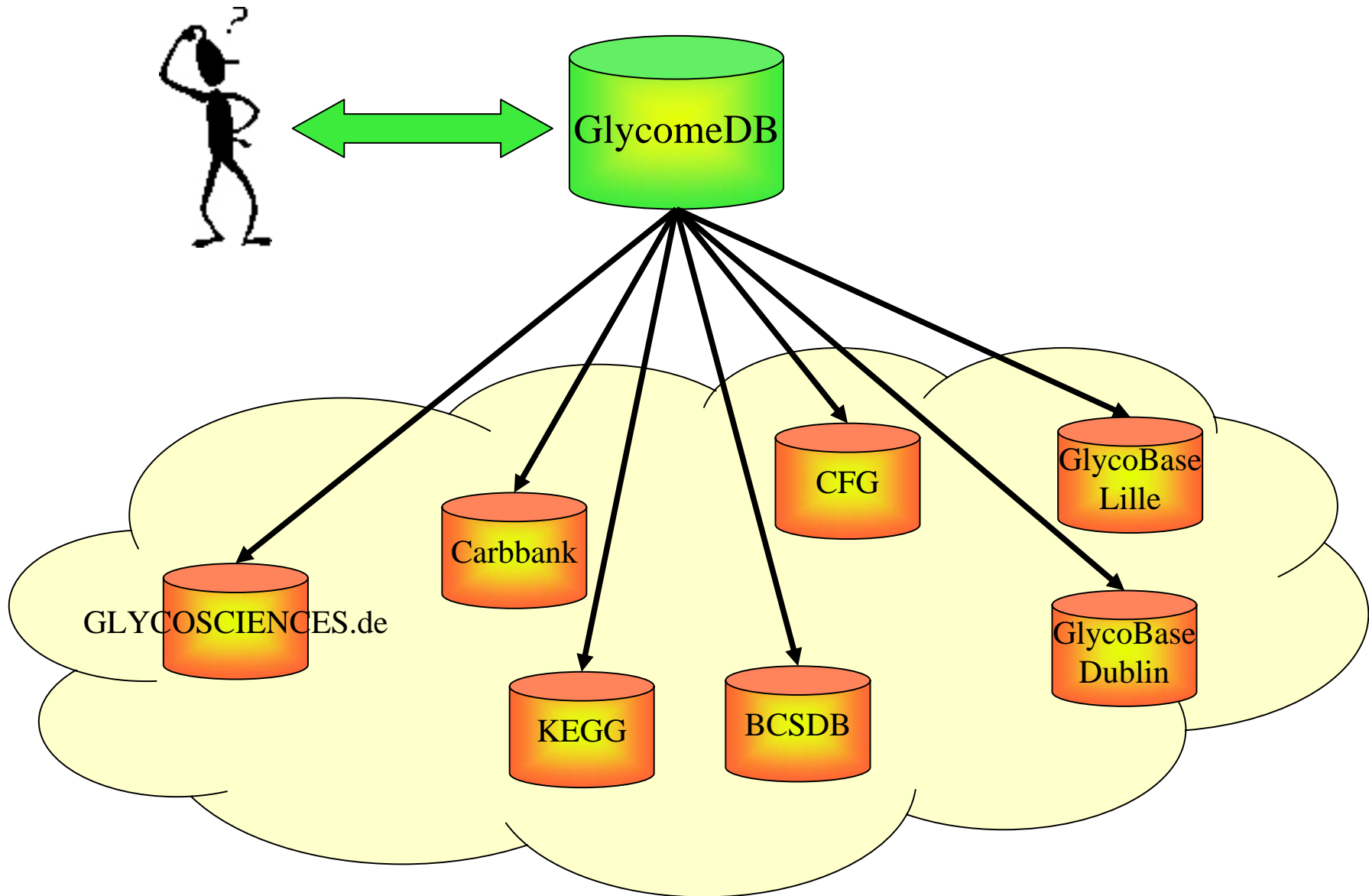
Search in all databases to find all Information

Different data formats

Solution : Integration of data and databases

Make databases speak with each other





Status : Search for all structures in all databases

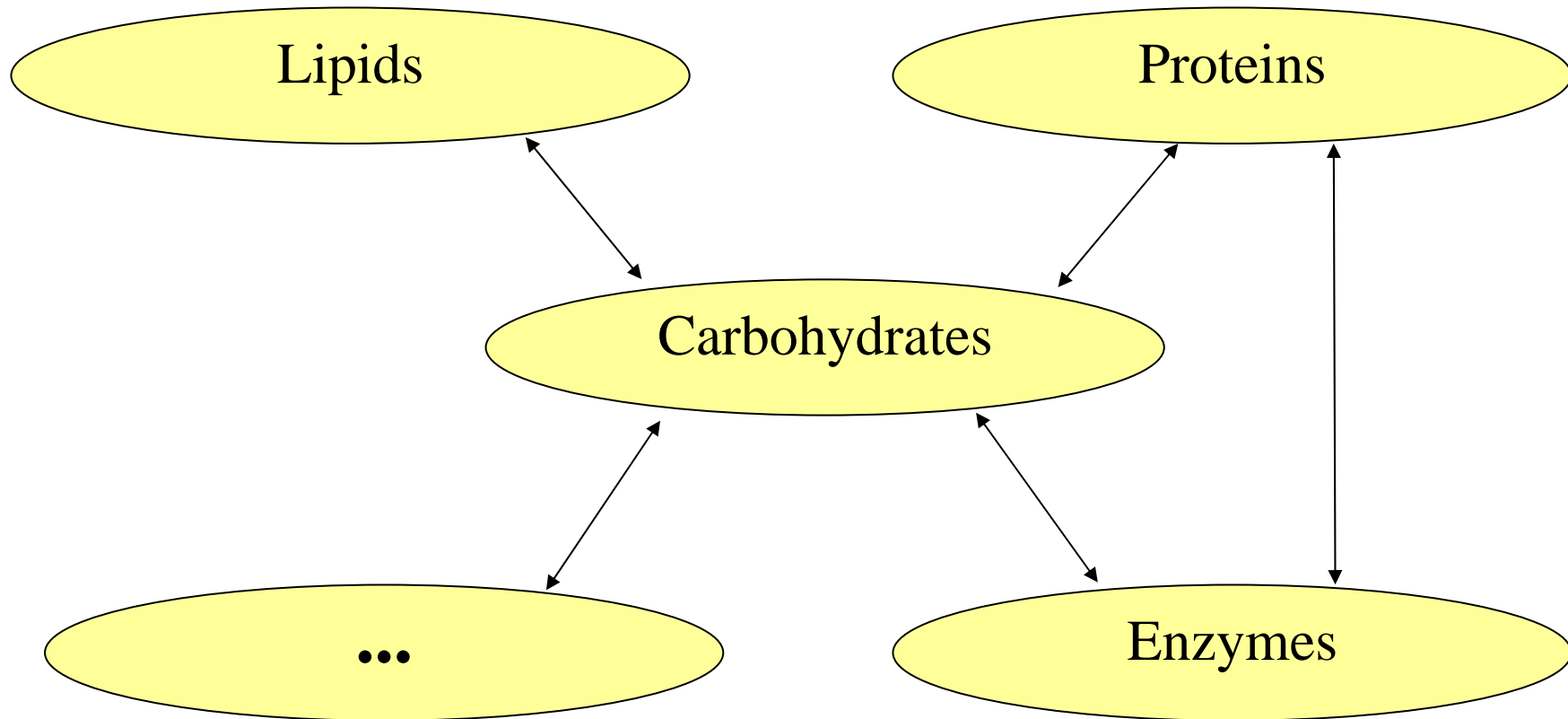
Get all evidences for a structure

BUT : Databases do not speak with each other

Not all information is integrated



Many things to do



Are carbohydrate structure databases important?
(for my work , the community)

What are the next steps to improve carbohydrate
databases ?

Who will take care of this?
(apply for money, hire persons)



Dr. Claus Wilhelm von der Lieth

Co-Worker : Stephan Herget



- EUROCarbDB Team
- OGBI
- GLYCOSCIENCES.de
- CFG
- BCSDB
- KEGG
- GlycoBase (Lille) Group

Sponsored by :

