

# Protein Data Bank

## Introduction

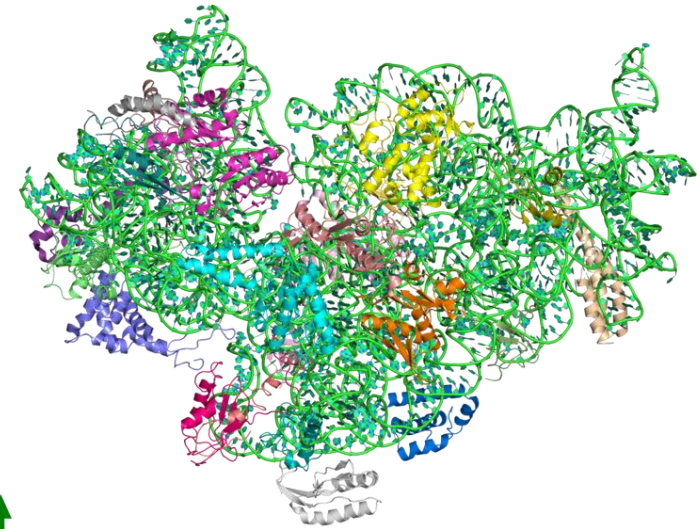
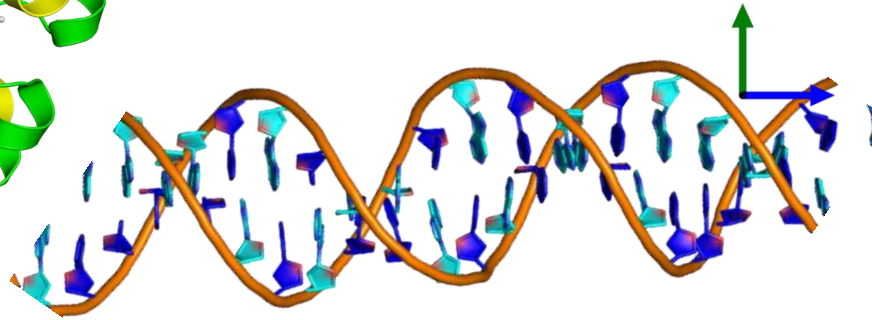
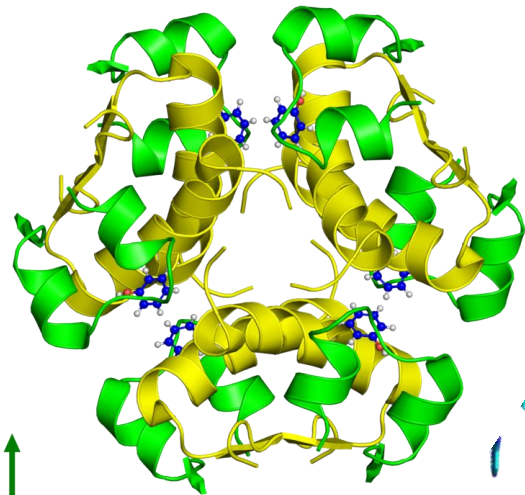
Radka Svobodová

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# What is the **Protein Data Bank (PDB)**?

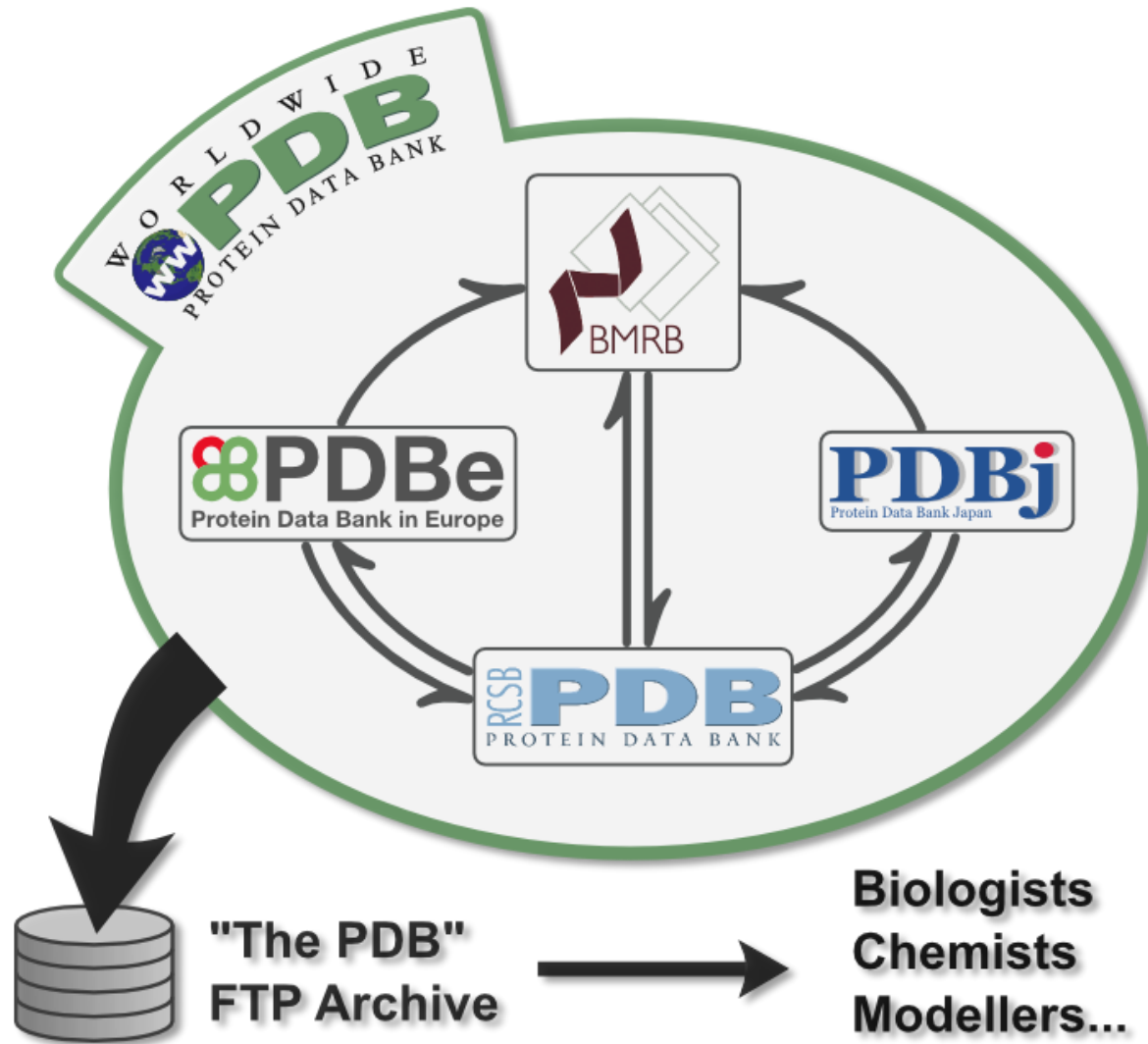
An archive of ***experimentally determined*** 3-dimensional structures of biological macromolecules

Protein, nucleic acids, sugars

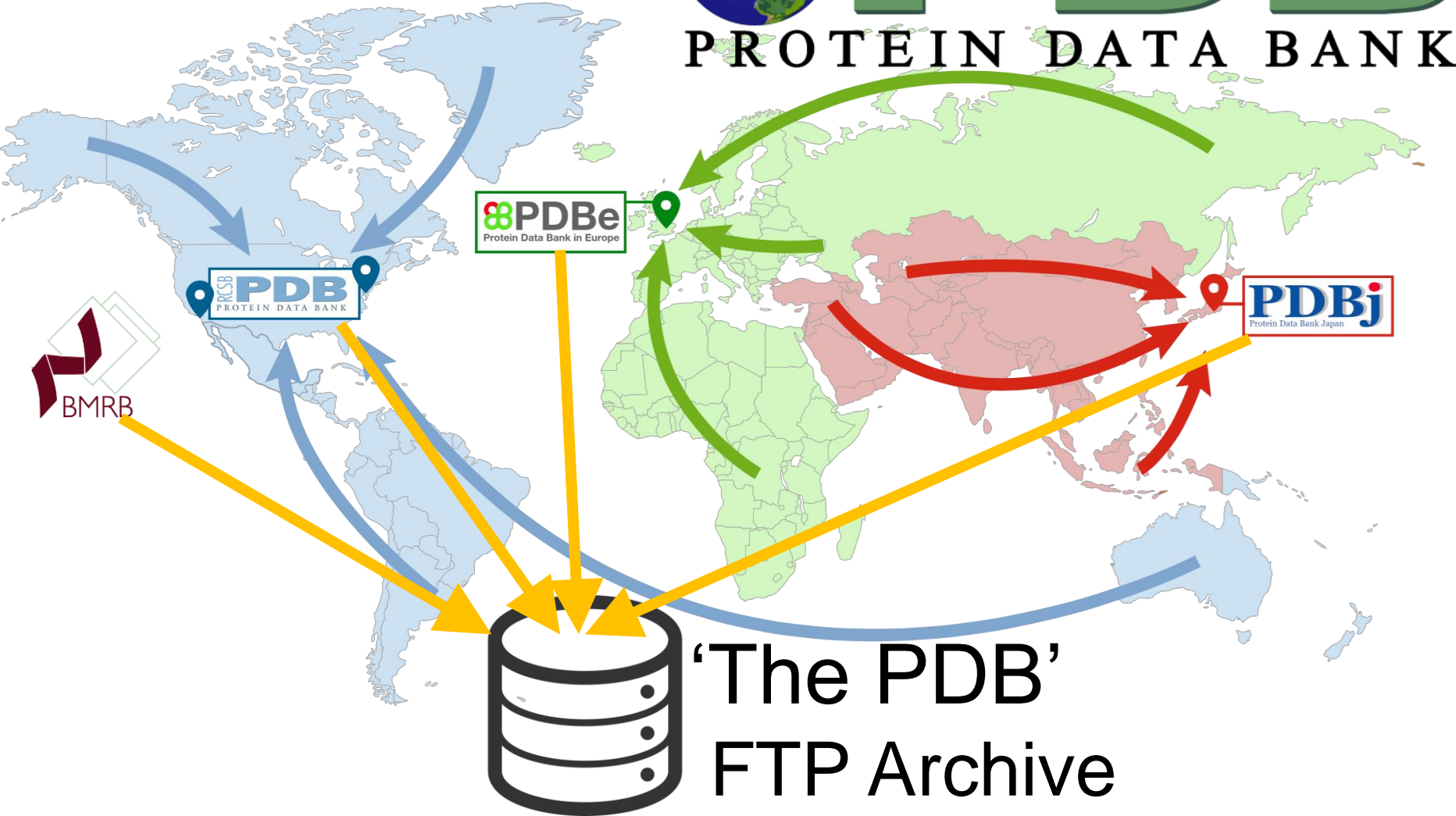


Available to  
anyone  
for free

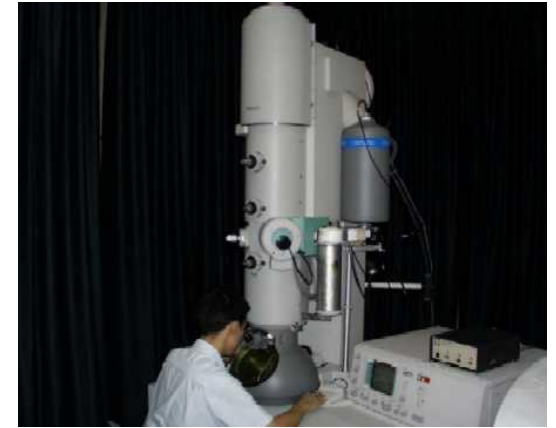
# Worldwide Protein Data Bank - wwPDB



W O R L D W I D E  
**wwPDB**  
P R O T E I N D A T A B A N K



# Methods of solving the structures



88% X-ray  
crystallography

10% solution NMR  
Spectroscopy

1% Electron  
microscopy

‘Other’:  
Fibre diffraction  
Neutron Crystallography  
Solid state NMR

