

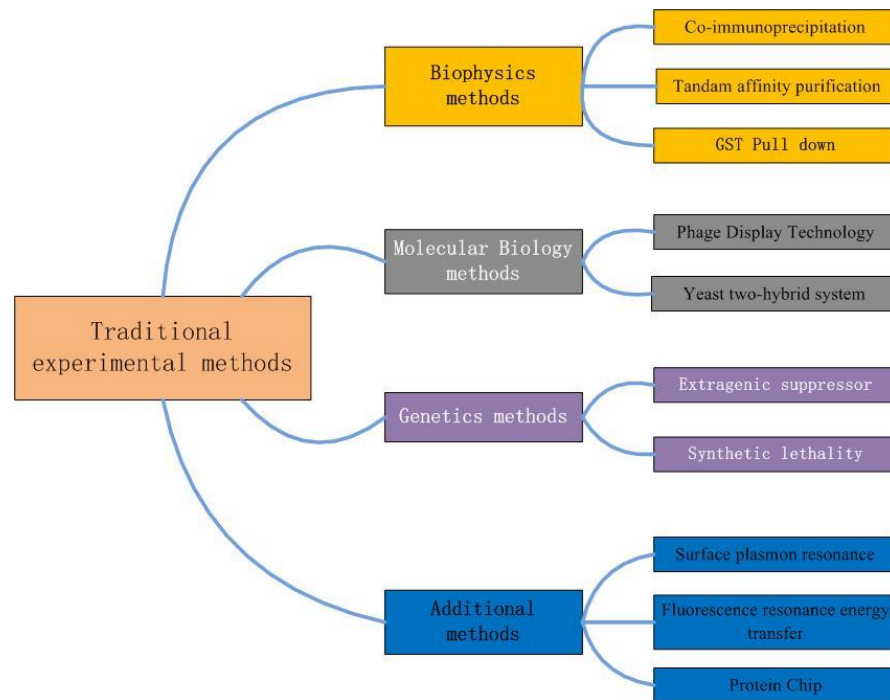
In silico prediction methods of self-interacting proteins: An empirical and academic survey

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Frontiers of Computer Science, DOI: [10.1007/s11704-022-1563-1](https://doi.org/10.1007/s11704-022-1563-1)

Problems & Ideas

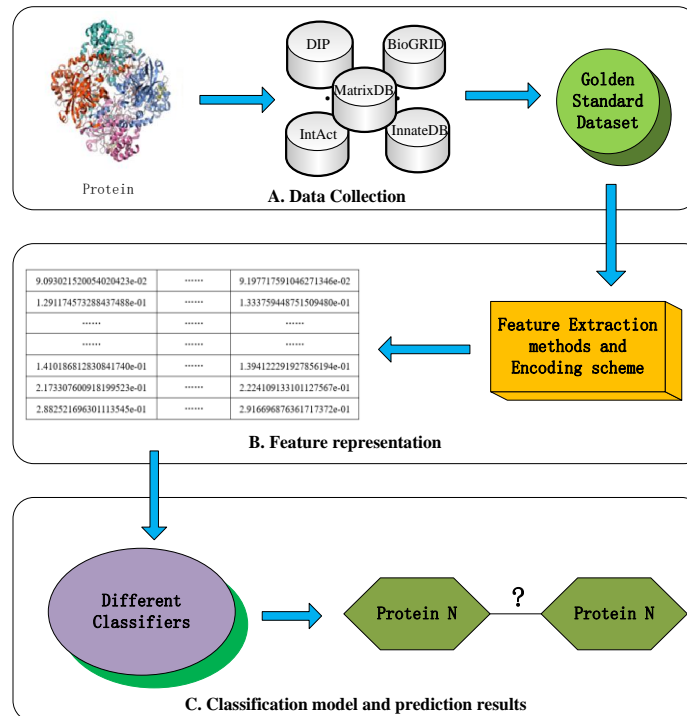
- Problems of traditional biological wet-lab experiments in SIPs:
 - high cost.
 - labor intensive.
- Ideas: to sum up a comprehensive overview of the recent literature with the computational SIPs prediction, to provide important references for actual work in the future.



The traditional biological prediction methods

Main Contributions

- Contributions:
 - Many computational feature extraction methods are briefly described and extracted the useful characteristics based on these techniques as much as possible before analyzing and training these data;
 - Some relatively comprehensive and popular state-of-the-art methods are counted for predicting self-interacting proteins in recent years;



The flowchart of SIPs prediction model