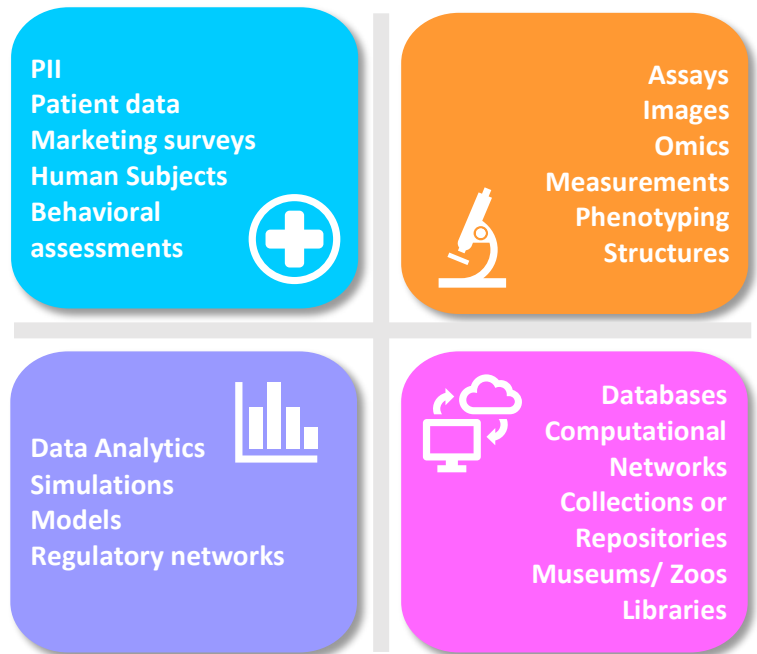


The 4 Quadrants

Scope: The scope of biological data sharing is enormous. To organize discussions around biological data sharing, the IWGBDS developed a four-quadrant framework that describes general stakeholder groups within the wide biological data sharing community. Please note that the descriptive terms within the quadrants are not all-inclusive but give a sense of each group. The IWGBDS recognizes that there are many ways to stratify the biological data sharing community but have selected this framework to focus discussion and maximize our time together at the workshop.



Action Item

- As part of the workshop, you will be asked to self-identify with at least one of these groups.

Commentary: At the workshop, you will also be given several opportunities to comment on how well biological data sharing is working between the four quadrants. As an example, if a researcher wants to compare their determined protein structure to other similar proteins they have a great resource in The Protein Data Bank. Thus, for this use case, the biological data sharing is working well between the biological structural researcher (upper right orange quadrant) and the database resource (lower right pink quadrant). Conversely, if a researcher wanted to correlate human microbiome data with incidence of depression, that would be a more difficult connection to make as there is not a clear connection between patient data (upper left blue quadrant) and the microbiome researcher (upper right orange quadrant).

Action Item

- Prior to the workshop, please give some thought to examples of biological data sharing between the quadrants, how well it is or is not working, and why.