**Exploring a Topic of Interest at a Molecular Level**

**Learning Objectives**:

1. To broadly understand/learn more about the topic of interest
2. To identify name(s) (and where possible sequence) of key players relevant to the topic of interest

**Background Research**:

1. WHAT is the topic of interest?
2. What do you know about the research topic?
   1. Get overview of topic
   2. Learn about key players
   3. Learn about important functions and interactions of key players
   4. Learn about conditions for the interactions and functions

Key Resources: Wikipedia, Google Scholar, NCBI (<http://www.ncbi.nlm.nih.gov/>; includes PubMed, PubMed Central, NCBI Books, GenBank, OMIM, Mesh); UniProt (<http://www.uniprot.org/>); PDB 101 (<http://pdb101.rcsb.org/>) to look for relevant Molecule of the Month features.

1. WHO are the key players?

Identify the name(s) of the molecule(s) and domains related to topic of interest

1. HOW do these molecules relate to the topic of interest?