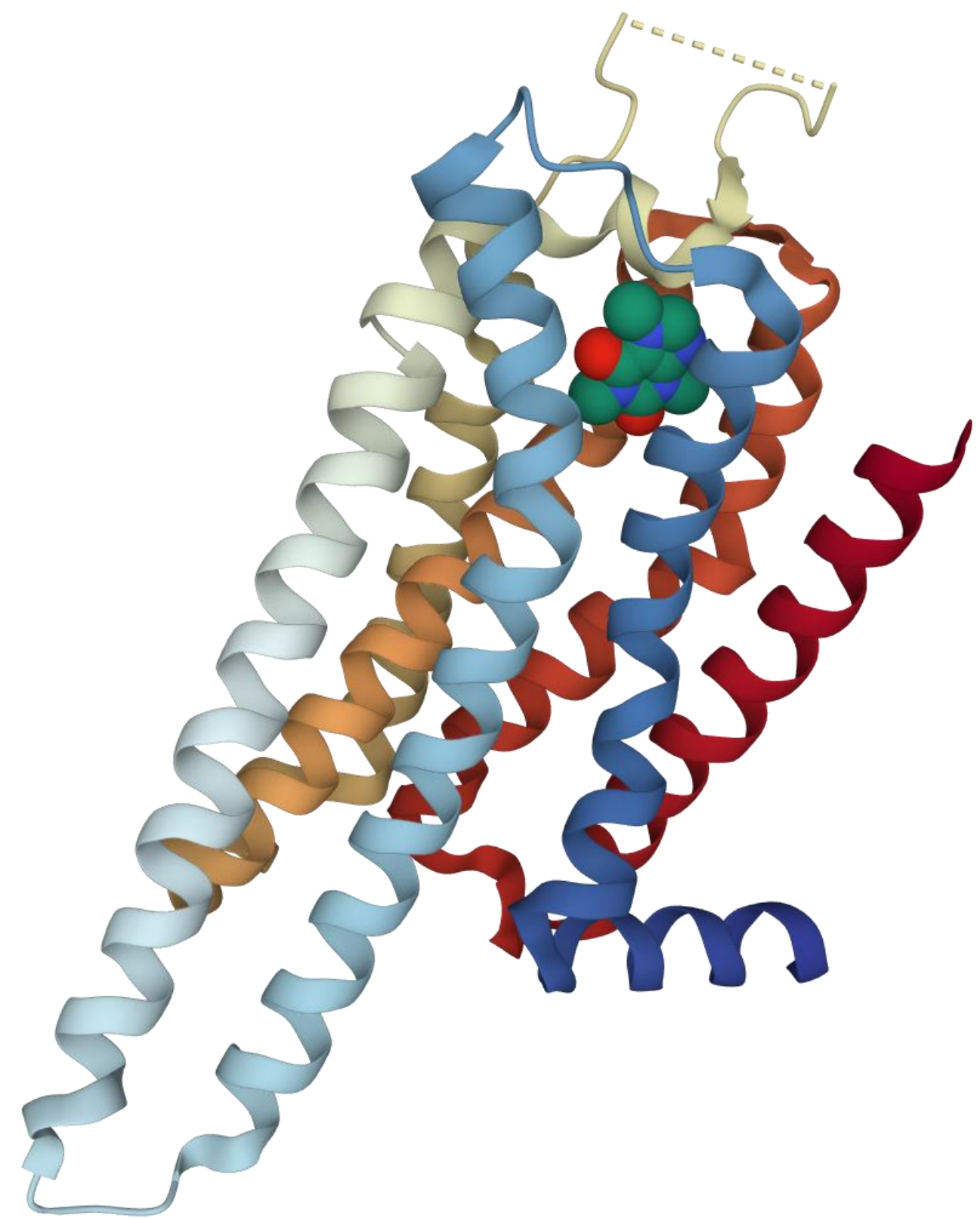


Human adenosine A2A receptor in complex with caffeine



- The A2A receptor is a protein that sits partly outside and inside your cells
- Small molecules (for instance adenosine) bind to the receptor and induce changes in your cells and organs
- In the brain it can regulate the release of dopamine (“feel-good” hormone)
- When you drink coffee, caffeine will bind to and block the receptor and prevent you from feeling tired

Peptide Spectrum Matching – Can you Find the Correct Peptide?

