Representation Pluralism: the Case of Protein Folding

The "problem" of protein folding is couched in terms of physics, structural chemistry, and functional biology. Some have proposed that folding is completely determined by the intra and inter molecular forces acting on the amino acid molecules that make up a protein. Others have have suggested that this generates a paradox. In this paper I will argue that by clarifying the commitments of different perspectives and representational resources, neither the reduction, nor the paradox can be defended.