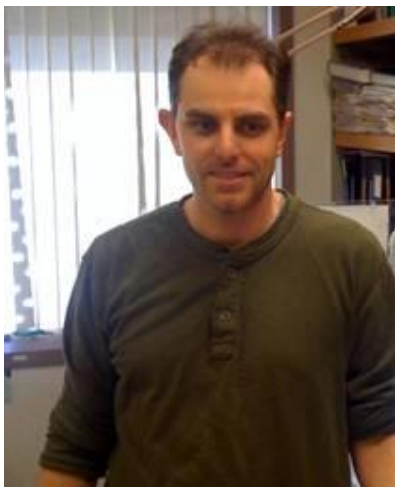


Marcello Forconi, Assistant Professor



Current Research Projects

- Retro-aldol reactions in micelles and enzymes
- Substrate specificity and rate-acceleration of SdsAI, an enzyme capable of degradation of SDS
- Resistance to reactive oxygen species in *Mycobacterium tuberculosis*
- Reaction mechanism of the hammerhead ribozyme
- Functional and structural studies of a short, discontinuous group I intron
- Nucleophilic aromatic substitution as a tool to modify cysteine residues

Teaching Interests

Biochemistry,
Chemical Biology,
Laboratory Classes

Research Interests

Enzyme Function and Structure,
Chemical Modification of Enzymes,
Evolution and Computational Design of Enzyme Function

