

Dr. Fanis Missirlis, Cinvestav, Mexico

Research interests:



I am seeking to understand how the physicochemical differences between the major metal ions determine their participation in the biosphere. How biology senses, regulates, distributes and uses these metal ions in physiology. In the zinc field, in particular, I am trying to describe systemic zinc homeostasis. The main experimental model we use is *Drosophila melanogaster*, where we uncovered tryptophan catabolism as a key player in zinc storage and excretion.