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**Lessons learned from other protein families**

Most kinesin researchers agree that there are significant problems with the present system of kinesin nomenclature. The lack of consistent logic and structure make it difficult to compare proteins between organisms and even between labs, inhibiting communication and slowing down the scientific process. However, these difficulties are not unique to the kinesin family. Therefore, to determine how best to rectify the situation, it is useful to first consider the approaches used to solve the nomenclature problem in other protein families. This short talk will examine the advantages and disadvantages of these nomenclature systems, with a focus on the myosin, actin, and histone deacetylase families.