Peer Review:  **Zn in Superoxide Dismutase: An Enigmatic Metal...by A. Bueling.**

1. Does the paper present the selected problem/system/phenomenon clearly and concisely in the Introduction?
   
   *What is the significance of the diffusion rate? What affects the diffusion rate? Does this rate vary with the metal centers? And how does this correlated with the Cu/Zn SOD?*

2. Does the Method section summarize the details of the reviewed/presented/employed experimental techniques and theoretical methods?
   
   *Good, concise and readable descriptions of the various techniques used to explore the molecule.*

3. Were the conclusions clearly presented and supported by the presented Results, Analysis, and Discussion sections?
   
   *Two points in the conclusion: what is the role of Cu/Zn SOD in ALS. It doesn’t demand excess detail, but since it was mentioned, maybe a comment or two about whether it is in excess, minimally present, inactive, or changing the conformation of the protein. Also, author mentioned that Zn is the optimal metal for the protein. Why? Is it stabilization or something else? Have other metals been substituted with same results?*

4. Are the references of the independent study well incorporated in the text and used to support or contrast statements/observations?
   
   *A good mixture of older (1999) and newer and journal references and a multi-disciplinary biblio approach.*

5. Was the independent study carefully prepared regarding text formatting, figures, and tables?
   
   *a. author’s name missing.
   b. page numbers missing
   c. good use of figures and graphs*