List of Publications
A. Published

Papers 1 and 2 form the basis of majority of the thesis. A large amount of text in chapter 2 and 3 is based on these manuscripts.


B. Papers In Revision

Paper 1 in this section forms the basis of major part in Chapter 4.

1. Amit Kumar Yadav, Dhirendra Kumar, Debasis Dash*. Learning from decoys to improve the sensitivity and specificity of proteomics database search results. (Plos ONE)

C. Papers Communicated/In Preparation

*Paper 1 is a review related to chapter 4.*

1. **Amit Kumar Yadav**, Yasset Perez-Riverol, Debasis Dash. Understanding the metrics of confidence assessment in high throughput shotgun proteomics.

2. Dhirendra Kumar, **Amit Kumar Yadav**, Debasis Dash. Proteogenomic re-annotation of Bradyrhizobium japonicum reveals large number of unannotated proteins.