**Dorinês Rosário, SciLife Master’s programme student**

**Project work in Molecular Life Science**

**Project Plan**

**Project:** STRIDE Sheet predictor.

**Project Points:**

1. Extract the feature from your database;
2. Create cross-validated sets;
3. Train a SVM using single sequence information;
4. **Add evolutionary information by running psi-blast and extracting the information;**
5. **Train a SVM using multiple sequence information;**
6. **Optimize the performance of the SVM;**
7. Analyze the results and compare it to previous work;
8. **Set up a web-server;**
9. Review the state of art for your predictor;
10. Write a report.

**Project Plan timeline:**

* Soft deadline and hard deadlines for the project planning.

