**Summary of Project Activities – Cloud-based Bioinformatics Tools**

The Cloud-based Bioinformatics Tools project was the first NeCTAR eResearch Tools project to be signed up with the contract commencing in mid-May, 2012. Since then the project team has completed the first set of milestones, which included the deployment of a hosted instance of the Atlassian online project development and support tools and the integration of the Australian Access Federation single sign-on capability into the system. We also conducted our first Steering Committee meeting on the 11th of June, 2012.

The core system has now been in production in Melbourne for 3 months on NeCTAR Server Program hardware, providing Subject Management functionality to the LifePool breast cancer research project. Initial user feedback has been very positive and we are preparing to deploy additional modules for this project, including the Clinical/Phenotypic Data management module and the Laboratory Information Management System (LIMS). We have also had NSP servers configured for three other projects which should be in production shortly.

Work has been progressing well on the Invoice and Billing module with a new developer at Melbourne University taking responsibility for this work. Meanwhile we have accelerated development of the Data Extraction for Analysis module as this has become a higher priority for the other groups that we are in the process of transitioning to the new software. Unfortunately this reprioritisation of resources combined with some team member absences means that the full testing of the existing system under load will be deferred by about four weeks.