

## Preliminary Experiment Report

**Experiment Title:** XANES and EXAFS Solution Studies of Insulin Mimetic Vanadium Complexes

**Experiment number:** CH-645

**Beamline:** BM 08

**Date of Experiment:** from the 5<sup>th</sup>-8<sup>th</sup> March 1999

**Shifts:** 12 shifts

**Local contact:** Dr. Francesco D'Acapito

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### Report:

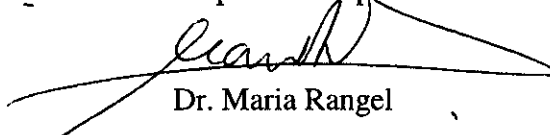
The work done on BM08 concerning this project was initiated on ID26. The resubmission of the project was for ID26 but the beam time was allocated for BM08 maintaining the same number of shifts. The experimental characteristics of these two beam lines are quite different and of course due to those conditions we were not able to perform both the XANES and EXAFS measurements for lack of time.

The XANES measurements were performed successfully and a collaboration was established in order to analyze the results using the Italian programs. In fact one of the researchers (Maria Rangel) spent three weeks on GILDA as a visitor on July. The stay was very fruitful and the analysis of the results is in progress. A detailed report of the work will be presented later.

Finally we would like to add that we got very good assistance from the beamline scientists and technicians and also very good support in the Chemistry Laboratory.

27<sup>th</sup> August 1999

Proposer of experiment CH-645



Dr. Maria Rangel