



	Experiment title: Structural and functional studies of: a) Arrestin, b) β -arrestin...	Experiment number: LS-1816 BAG
Beamline: ID14-3	Date of experiment: from: 08.02. to: 09.02.2001	Date of report: 16.02.2001
Shifts: 3	Local contact(s): Edward Mitchell	<i>Received at ESRF:</i>
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Report:

Due to the low intensity at the beamline (the exposure time per image was 3 to 5 times longer than at the last visit in Oct. 2000; pers. comm. Steffi Arzt) we collected only 5 datasets at the beamline ID14-3. Datasets of special prepared crystals of bacterorhodopsin (ground state and intermediate states) were collected, which took nearly 2 shifts of time at the beamline. During the last shift we recorded the first native dataset of a Peptide Amidase. In addition diffraction tests were made for some new proteins.

Internet publication which includes β -arrestin:

“Heterologe Expression, Kristallisation und Untersuchungen zur Struktur von Bos taurus β -Arrestin und Rattus norvegicus PAR-4". PhD Thesis Ulf Eidhoff (Dec. 2000). See the electronic dissertation on:

<http://www.ulb.uni-duesseldorf.de/diss/mathnat/2000/eidhoff.html>

The abstract is also available in English. For the complete PhD Thesis please download the pdf-document (same internet address).