

Publication

Area detectors in structural biology

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An overview of area detectors in structural biology is presented. Development of these detectors is one of the main reasons for the exponential rise in the number of structure determinations of large biological complexes. The different techniques used for structure determination put different demands on area detectors. The techniques used in structural biology, X-ray and electron diffraction and electron imaging are discussed and the requirements for a good detector are highlighted. Furthermore, an overview is given of the current state of the art of high-resolution area detectors.

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