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The role of synchrotrons in African Bio-science?

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Structural information obtained at synchrotrons and cry-EMs at up to the atomic level of resolution for even large macro-molecular biomolecules helps to elucidate the function of the bio system. One can identify drug targets or similar medical interventions. This inspires the design of new drugs. Africa should lead research of this nature finding cures for diseases, especially if these are of particular relevance to Africa. Synchrotrons are extremely important facilities for the imaging of bio-molecules and therefore for initiating the pathway to the development of vaccines.

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