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# A structural biology approach to win the fight against infectious diseases

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Structural biology clarifies the molecular basis of disease processes, guides the rational design of new drugs and vaccines, and improves existing therapeutics. Few Africa-based scientists are trained in structural biology. BioStruct-Africa develops Africa-based structural biologists by organizing workshops onsite at our partner institutions and universities in Africa, followed by online mentoring of the participants to ensure sustainable capacity building (J. Synchrotron Rad. 26, 1843-1850 and Biology Open 11, bio059487).

I will present the significance of structural biology for Africa and, in addition, the recent advances and future perspectives of BioStruct-Africa.

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