

Welcoming articles covering any area of structural biology, including structures determined using the whole range of complementary methods now applied in structural biology.

Acta D provides a forum for ideas and opinions, and welcomes topical reviews and other forms of commentary.

CCP4 special issues

Molecular replacements

Guest editors: C. Ballard, P. Roversi and H. Walden


Two-way street – complementary methods

Guest editors: C. Ballard, I. Tews and J. Cooper


Advances in experimental phasing

Guest editors: C. Ballard, A. McCoy and T. Schneider

Articles in the news

Interaction of the amyloid precursor protein-like protein 1 (APLP1) E2 domain with heparan sulfate involves two distinct binding modes 


[dx.doi.org/10.1107/S1399004714027114](https://doi.org/10.1107/S1399004714027114)

Advances in membrane protein crystallography: *in situ* and *in meso* data collection 

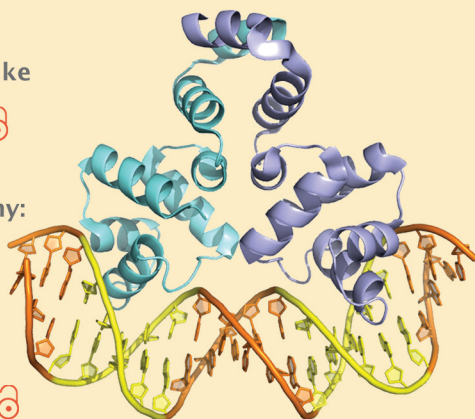
[dx.doi.org/10.1107/S1399004715008317](https://doi.org/10.1107/S1399004715008317)

Protein secrets of Ebola virus

[dx.doi.org/10.1107/S1399004714014710](https://doi.org/10.1107/S1399004714014710)

The difficult question of *Clostridium difficile* 

[dx.doi.org/10.1107/S1399004714009997](https://doi.org/10.1107/S1399004714009997)



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Aims and scope

Acta Crystallographica Section D welcomes the submission of articles covering any aspect of structural biology, with a particular emphasis on the structures of biological macromolecules or the methods used to determine them.

The journal accepts reports on new structures of biological importance, from the smallest macromolecules to the largest complex molecular machines. These structures may have been determined using any structural biology technique including crystallography, NMR, cryoEM and/or other techniques, and should be presented in combination with complementary experimental data that support the conclusions drawn from the structural studies. These complementary data might include binding studies, mass spectrometry, enzyme assays, or analysis of mutants or other modified forms of biological macromolecule. The key criterion is that **articles must present significant new insights into biological, chemical or medical sciences.**

Methods articles may include new approaches to any aspect of biological structure determination or structure analysis but will only be accepted where they focus on new methods that are demonstrated to be of general applicability and importance to structural biology.

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