

Streamlining Data Bank Deposition and Manuscript Submission

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One of the reasons an all-electronic *Acta Crystallographica Section F* was created was to meet the increasing need for rapid publication of structural biology reports. Few have failed to notice the explosive acceleration in depositions to the Protein Data Bank (PDB) in recent years, but unrealized by many is the growing potential for depositions that have not been accompanied by a publication documenting the experiment and its results. Failure to publish means results are inaccessible to abstracting services and thus to the wider biological audience. A strategy to speed publication has emerged from collaborations between the PDB and IUCr Journals: eliminate repetition and streamline submissions by facilitating transfer of data deposited in the PDB to the journal at submission. Transfer of information for publication is through data files with content described in the PDB Exchange Data Dictionary. Deposition tools are available at each wwPDB site to assist in the preparation of these data files. Additional tools such as PDB_EXTRACT are also available to help automate the extraction of data items from popular structure determination software applications. It is hoped that a system combining publication and PDB deposition will reduce the overall effort required to perform both activities. Details and progress of this effort will be described.

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