Archiving integrative structural models – Supplemental Documents

Key publications

1. Paper describing the outcome of the 2014 Integrative/Hybrid Methods Workshop

   A. Sali, H. Berman, T. Schwede, J. Trewhella, G. Kleywegt, S. Burley, J. Markley, H. Nakamura, P. Adams, A. Bonvin, W. Chiu, M. Dal Peraro, F. Di Maio, T. Ferrin, K. Grunewald, A. Gutmanas, R. Henderson, G. Hummer, K. Iwasaki, G. Johnson, C. Lawson, J. Meiler, M. Marti-Renom, G. Montelione, M. Nilges, R. Nussinov, A. Patwardhan, J. Rappsilber, R. Read, H. Saibil, G. Schroder, C. Schwieters, C. Seidel, D. Svergun, M. Topf, E. Ulrich, S. Velanker, and J. Westbrook. Outcome of the First wwPDB Hybrid/Integrative Methods Task Force Workshop. Structure. 2015; 23(7):1156-67. doi: 10.1016/j.str.2015.05.013.

2. Paper announcing the PDB-Dev prototype system for archiving integrative structural models

   S.K. Burley, G. Kurisu, J.L. Markley, H. Nakamura, S. Velankar, H.M. Berman, A. Sali, T. Schwede, J. Trewhella. PDB-Dev: A Prototype System for Depositing Integrative/Hybrid Structural Models. Structure. 2017; 25(9):1317-1318. doi: 10.1016/j.str.2017.08.001

3. Paper describing the development of a new integrative/hybrid methods data dictionary and the PDB-Dev prototype archiving system

   B. Vallat, B. Webb, J. Westbrook, A. Sali, and H.M. Berman. Development of a Prototype System for Archiving Integrative/Hybrid Structure Models of Biological Macromolecules. Structure. 2018; 26(6):894-904.e2. doi: 10.1016/j.str.2018.03.011.

4. Book chapter on archiving integrative models

   H.M. Berman, J. Trewhella, B. Vallat, and J.D. Westbrook. Archiving of Integrative Structural Models. In: Nakamura H., Kleywegt G., Burley S., Markley J. (eds) Integrative Structural Biology with Hybrid Methods, Advances in Experimental Medicine and Biology. 2018; 1105:261-272. Springer, Singapore doi: 10.1007/978-981-13-2200-6_16.

Useful Web Sites (URL)	Description
https://pdb-dev.wwpdb.org	PDB-Dev prototype archiving system
https://github.com/ihmwg/IHM-dictionary	IHM-dictionary on GitHub
http://mmcif.wwpdb.org	PDBx/mmCIF dictionary resources
https://github.com/ihmwg/python-ihm	Python-ihm library
https://github.com/ihmwg/MA-dictionary	Data dictionary for the Model Archive
https://github.com/ihmwg/FLR-dictionary	Data dictionary to represent Fluorescence / FRET experiments