

50 years of D11

A history of SANS
at the ILL



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D11, the stimulus for early biology at ILL

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Following a period of strong development of the contrast variation method using H₂O/D₂O exchange on physical-chemical and readily available soluble protein samples, D11 hosted a number of challenging experiments in biology—in particular on protein-nucleic acid interactions. Important results were obtained on the inner structures of plant viruses, ribosomes and chromatin. A study of aminoacyl-tRNA synthetases interactions with their tRNA substrates established in-beam structural biochemistry on D11.

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