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# New solid-state NMR approaches for biology and chemistry

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## Résumé

The ERC project WEAKINTERACT aims at developing new approaches based on solid-state NMR spectroscopy to study complex molecular assemblies in biology (prions, amyloids, infectious systems) and in supramolecular chemistry (hydrogels, nanomachines). The ERC funding was used to purchase a new NMR machine and new electronics for several NMR machines of the NMR platform at the IECB, together with financial support from the Regional Council of Nouvelle-Aquitaine, the CPER, CNRS, IdEx, the Labex AMADEUS, the CBMN and the IECB. This new NMR machine was installed in 2016 and is currently accessible to external academic and industrial users of the Nouvelle-Aquitaine Region.

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