

**Invitation to participate to the International NMR Inter-Laboratory Comparison
IS-NMR-ILC 001_2022 organized by Innovative Solutions
Spin Off Company of the Technical University of Bari**

Dear NMR users,

I warmly invite you to participate to the new International NMR Interlaboratory Comparison organized by Innovative Solutions. For details, please download "IS-NMR-ILC Scheme", "Call for participation to IS-NMR-ILC 001_2022".

This comparison is organized and funded by Innovative Solutions S.r.l. in the framework of the project IPERDURUM (*Project title: "Filiera frumento duro: innovazione varietale, qualità e tracciabilità delle produzioni pugliesi", CUP: B39J20000160009 funded by Regione Puglia under the Programma di Sviluppo Rurale (PSR) 2014-2020 Puglia – Misura 16 "Cooperazione" – Sottomisura 16.2 – "Sostegno a progetti pilota e allo sviluppo di nuovi prodotti, pratiche, processi e tecnologie" – DdS n. 94250037697*).

Since 2012, with the aim to encourage the use of NMR in official methods, Innovative Solutions embarked on the organization of NMR inter-laboratory comparisons (NMR-ILCs) according to ISO/IEC 17043:2010 and reference normative therein. NMR-ILCs provide objective standards for individual laboratories, allow them to compare analytical results from different laboratories and represent a way to check the quality and the accuracy of the analytical job.

I wish to recall the successful editions of the International NMR Interlaboratory Comparisons IS-NMR-ILC 001_2012, IS-NMR-ILC 001_2014 and IS-NMR-ILC 001_2016. Results of these three ILCs gave the following publications on peer review journals:

- Food Analytical Methods 13(2020)530–541 (<https://doi.org/10.1007/s12161-019-01664-8>)
- Talanta, 214 (2020) 120-855 (<https://doi.org/10.1016/j.talanta.2020.120855>)
- Analytical Chemistry, 87 (2015) 6709-6717 (<https://doi.org/10.1021/acs.analchem.5b00919>)

Also in this occasion, we expect to publish the results of the ILC (IS-NMR-ILC 001_2022). The authorship will include all the participants according to the rule 1 NMR spectrometer, 1 co-author name.

Best regards

The Coordinator
Vito Gallo