

INAUGURAL SCIENTIFIC WORKSHOP

BioSpecNet Consortium

Workshop on NMR-Based Structural Biology

- **November 3rd, 2026 - University of Milan,**
Via Golgi 19, Room G10
- Open to researchers and students

Bruker Avance NEO 800

High-Field NMR Facility

MORNING SESSION

10:30 – 12:45

10.00 Welcome & registration

10:30 Opening Remarks — *BioSpecNet Consortium Directors*
Facility presentation ·

10:45 *Technologies and applications making NMR more accessible in Life Science Research*
Rainer Kuemmerle, PhD — Bruker Biospin, Fällanden, Switzerland

11:15 *The remarkable versatility of NMR in drug discovery*
Alvar Gossert, PhD — Biomolecular NMR Spectroscopy Platform ETH, Zürich, Switzerland

11:45 *NMR-guided characterization and targeting of the HMGB1•CXCL12 Fuzzy Complex: from molecular mechanism to therapeutic opportunities in malignant Mesothelioma*
Giovanna Musco, PhD — IRCCS Ospedale San Raffaele, Milan, Italy

12:15 *Molecular switches in motion: NMR insights into G-Quadruplex DNA regulation*
Janez Plavec, PhD — Slovenian NMR centre, Ljubljana, Slovenia

12:45 ——— Lunch Break ———

AFTERNOON SESSION

14:30 – 16:00

14:30 *Solid-State NMR in pharmaceutical science.*
Michele Remo Chierotti, PhD — University of Torino, Torino, Italy

15:00 *NMR in small molecule therapeutic discovery: a powerful ally*
Gregg Siegal — ZoBio, Leiden, The Netherland

15:30 *Methods of quantum chemistry and NMR spectroscopy in structural analysis of glycosaminoglycan molecules*
Milos Hricovini, PhD — Slovak Academy of Science, Bratislava, Slovakia

16:00 ——— Facility Tour & Networking at the Ronzoni Institute ———

SCIENTIFIC COMMITTEE

Prof. Luigi Lay
Dr. Marco Guerrini
Dr Andrea Stevenazzi
Dr. Christian Steinkuhler

ORGANISING COMMITTEE

Dr. Aureliano Gaiassi
Sig. Cesare Cosentino
Dr. Michela Parafioriti
Dr. Barbara Vergani

REGISTRATION: <https://forms.cloud.microsoft/e/iZQH4VCsay>