

## Accesos competitivos concedidos por el R-LRB durante el año 2024

<i>Código de acceso</i>	<i>Nombre investigador solicitante acceso</i>	<i>Título proyecto</i>	<i>Nodo</i>	<i>Fecha concesión acceso</i>	<i>Tiempo concedido esp. 600 MHz (días)</i>	<i>Tiempo concedido esp. 800 MHz (días)</i>	<i>Tiempo concedido esp. 1 GHz (días)</i>	<i>Tiempo total concedido (días)</i>
24_R-LRB01	Borja Mateos López	Characterization of dense phase structural Dynamics. Focus in water content	LRB Barcelona	08.01.2024	20	20	-	40
24_R-LRB02	Pablo Valverde Sánchez	Probing CD28 as checkpoint for T cell co-stimulation in cancer and infection	LRE Bilbao	09.01.2024	20	20	-	40
24_R-LRB03	Ana Arda Freire	Structural elucidation of Staphylococcus Aureus capsular polysaccharides: NMR insights into conformation and antibody interactions	LRE Bilbao	22.01.2024	-	12	-	12
24_R-LRB04	Andras Lang	Characterisation of SH3-SH2 relative orientation in different C-Src constructs using RDC in weakly oriented media	LRB Barcelona	23.01.2024	10	5	-	15
24_R-LRB05	Jesús García Arroyo	NMR study of the homo-oligomerization of steroid-activated nuclear receptors	LRB Barcelona	08.02.2024	20	20	-	40
24_R-LRB06	Bartomeu Mir Morro	Structural determination of a DNA aptamer adopting an imotif structure	LMR Madrid	20.02.2024	10	-	-	10
24_R-LRB07	Jayakrishna Shenoy	NMR spectroscopy for targeted drug discovery in cancer treatment	LRB Barcelona	23.02.2024	10	10	-	20
24_R-LRB08	Gerard Riesco Llach	Calculation of the affinity constant between antimicrobial lipopeptides and lipopolysaccharides by STD NMR	LRB Barcelona	26.02.2024	2	-	-	2
24_R-LRB09	Francisco Blanco Gutiérrez	GA13_GDPEXCHANGE	LMR Madrid	26.02.2024	-	1	-	1
24_R-LRB10	Salvador Ventura Zamora	NMR structural characterization of PACAP, VIP and VIP-NEW	LMR Madrid	01.03.2024	10	-	-	10
24_R-LRB12	Sara Martín Ramos	Use of NMR for the metabolomic analysis of tissues and cells. Methodology optimization and medical applications	LRE Bilbao	06.03.2024	20	-	-	20
24_R-LRB13	Israel Serrano Chacón	A new tetramer database for benchmarking molecular dynamics	LRB Barcelona	20.03.2024	-	20	-	20
24_R-LRB14	Gerard Riesco Llach	Elucidation of the interaction between antimicrobial peptides and lipopolysaccharides by STD-HSQC	LRB Barcelona	03.04.2024	3	-	-	3
24_R-LRB15	Ana Soriano Lerma	Study of resveratrol as a G-quadruplex ligand	LMR Madrid	15.04.2024	3	-	-	3
24_R-LRB16	Alejandro Fernández Martínez	Study of post-translational modifications of C-Src kinase	LRB Barcelona	15.04.2024	-	14	-	14

24_R-LRB17	Sara Martín Ramos	Use of NMR for the metabolomic analysis of tissues and cells. Methodology optimization and medical applications	LRE Bilbao	15.04.2024	8	-	-	8
24_R-LRB18	Levente Zodi	NMR characterisation of polyglutamine tract mutants	LRB Barcelona	18.04.2024	-	-	14	14
24_R-LRB19	Francisco Blanco Gutiérrez	Kinetics of GDP-GTP exchange by the protein Gai3 bound to ligands	LMR Madrid	19.04.2024	-	1	-	1
24_R-LRB20	Douglas Laurents	Characterization of catalysis by modified polyproline II helix assemblies	LMR Madrid	22.04.2024	3	-	-	3
24_R-LRB22	Antonia Mielgo Vicente	Structural and conformational analysis of a bifunctional Brønsted base catalyst	LRE Bilbao	26.04.2024	4	-	-	4
24_R-LRB24	María Macías Hernández	Structural and dynamical characterization of SMAD4 variants detected in the Myhre syndrome using CRYO-EM and NMR spectroscopy	LRB Barcelona	02.05.2024	-	-	5	5
24_R-LRB25	María Mayoral Muñoz	Supramolecular polymerization of paramagnetic diruthenium species	LMR Madrid	06.05.2024	3	-	-	3
24_R-LRB26	Miguel Mompeán García	Conformational exchange of self-assembling proteins in lipidic environments	LMR Madrid	06.05.2024	5	10	-	15
24_R-LRB27	Alejandro Fernández Martínez	Study of natural abundance C-Src molecule by NMR	LRB Barcelona	09.05.2024	-	-	3	3
24_R-LRB28	Jayakrishna Shenoy	NMR spectroscopy for targeted drug discovery in cancer treatment	LRB Barcelona	10.05.2024	10	10	-	20
24_R-LRB29	Israel Serrano Chacón	Expanding the structural RNA database for force fields advancement	LRB Barcelona	21.05.2024	-	-	10	10
24_R-LRB30	Gustavo Titaux Delgado	Conformations of RHIM-containing polypeptides in the presence of lipid nanodiscs	LMR Madrid	05.06.2024	-	10	-	10
24_R-LRB31	Borja Mateos López	Characterization of stabilizer fold compounds based on polyglutamine scaffolds	LRB Barcelona	13.06.2024	14	14	-	28
24_R-LRB32	Francisco Blanco Gutiérrez	Kinetics of GDP-GTP exchange by the protein Gai3 bound to ligands	LMR Madrid	08.07.2024	-	2	-	2
24_R-LRB33	Sara Martín Ramos	Optimized standard operating procedures for 31P-NMR metabolomics on tissular extracts	LRE Bilbao	08.07.2024	9	-	-	9
24_R-LRB34	M. Ángeles Jiménez López	NMR structural characterization of the interaction between the CRIP1A protein and the C-terminal tail of the human cannabinoid receptor CB1R	LMR Madrid	16.07.2024	12	8	-	20
24_R-LRB35	Miquel Pons Vallés	Structure determination of BCL XL using NMRTIST and data measured at 1 GHZ	LRB Barcelona	19.07.2024	-	-	14	14
24_R-LRB36	María Mayoral Muñoz	Supramolecular polymerization of paramagnetic diruthenium species	LMR Madrid	25.07.2024	2	-	-	2

24_R-LRB37	Arnau Domínguez Zoroa	BIS-pyrimidine clamps for the detection of SARS-COV-2 MRNA	LMR Madrid	05.09.2024	3	-	-	3
24_R-LRB38	Fátima Escobedo González	Conformations and dynamics of the C-terminal domain of TDP-43 in the presence of lipid nanodiscs	LMR Madrid	06.09.2024	4	6	-	10
24_R-LRB39	Sara Martín Ramos	Optimized standard operating procedures for 31P-NMR metabolomics on tissular extracts	LRE Bilbao	12.09.2024	10	-	-	10
24_R-LRB40	Ganeko Bernardo Seisdedos	Deciphering the biophysical landscape of CHCHD10 and TDP-43 interaction in neurodegeneration using NMR	LRE Bilbao	17.09.2024	-	14	-	14
24_R-LRB41	Nishu Yadav	Structural analysis of carbohydrate foldamers	LRE Bilbao	25.09.2024	-	5	-	5
24_R-LRB42	Iris Bermejo Ruíz	Structural exploration of GD3 ganglioside-covid spike protein interaction and SIGLEC-7 role in inhibition of viral infection	LRE Bilbao	27.09.2024	14	14	-	28
24_R-LRB43	Jesús García Arroyo	NMR study of the N-terminal activation domains of nuclear receptors	LRB Barcelona	02.10.2024	14	14	-	28
24_R-LRB44	Juan Luís Asensio Álvarez	Chemical strategies for the study of antifreeze glycopeptides: NMR-based structural analysis of a library of non-natural glycopeptides	LMR Madrid	11.10.2024	10	-	-	10
24_R-LRB45	Nicolás Nuland Azuaga	Structural basis of TDP-43 recognition by human DNAJ co-chaperones	LMR Madrid	15.10.2024	-	8	-	8
24_R-LRB46	Ángela Franco Fernández	Structural characterization of the drosophila chaperone funes	LMR Madrid	18.10.2024	-	5	-	5
24_R-LRB47	Rosa Antón García	Study of the interplay between two distinct polyalanine tracts in PHOX2B	LMR Madrid	18.10.2024	-	7	-	7
24_R-LRB48	M. Ángelez Jiménez López	NMR structural characterization of the interaction between NHERF-1 and the cytoplasmic domain of ICAM-1	LMR Madrid	21.10.2024	-	7	-	7
24_R-LRB49	Stase Bielskute	Allosteric modulation of an intrinsically disordered proteins by a drug-like small molecule	LRB Barcelona	29.10.2024	-	-	14	14
24_R-LRB50	Stase Bielskute	Allosteric drug preferentially binds to the oligomeric form of an intrinsically disordered protein	LRB Barcelona	05.11.2024	14	14	-	28
24_R-LRB51	Borja Mateos López	Characterization ERBETA activation domain	LRB Barcelona	02.12.2024	14	14	-	28
24_R-LRB52	Jayakrishna Shenoy	Leveraging NMR spectroscopy for small-molecule modulation of intrinsically disordered proteins in oncology	LRB Barcelona	03.12.2024	10	10	-	20
24_R-LRB53	Carla García Cabau	Characterization of HOXA9 disordered domain	LRB Barcelona	13.12.2024	-	-	14	14

**Accesos competitivos denegados por el R-LRB durante el año 2024**

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24_R-LRB11	María Mayoral Muñoz	Supramolecular polymerization of paramagnetic diruthenium species	LMR Madrid	01.03.2024	20	10	-	Denegado
24_R-LRB21	Antonia Mielgo Vicente	Structural and conformational analysis of a bifunctional Brønsted base catalyst	LRE Bilbao	24.04.2024	4	-	-	Denegado