

Accesos competitivos concedidos por el R-LRB durante el año 2022

| Código de acceso | Nombre investigador solicitante acceso | Título proyecto | Nodo | Fecha concesión acceso | Tiempo concedido esp. 600 MHz (días) | Tiempo concedido esp. 800 MHz (días) | Tiempo total concedido (días) |
|------------------|--|--|---------------|------------------------|--------------------------------------|--------------------------------------|-------------------------------|
| 22_R-LRB01 | Borja Mateos López | Study of aromatic NOEs In Liquid-Liquid Phase Separation | LRB Barcelona | 12.01.2022 | 0 | 20 | 20 |
| 22_R-LRB02 | José Nieva | NMR Structural characterization of peptides NPRETM and CPRETM derived from SARS-COV-2 S protein | LMR Madrid | 17.01.2022 | 10 | 0 | 10 |
| 22_R-LRB03 | Douglas Laurents | ¹³ C-Detected ¹⁵ N Relaxation in Polyproline II Helices | LMR Madrid | 11.02.2022 | 1 | 5 | 6 |
| 22_R-LRB04 | Gonzalo Pérez Mejías | NMR assignments of Lysine Side-Chains of Hemeprotein CYTOCHROME C | LRB Barcelona | 28.02.2022 | 7 | 0 | 7 |
| 22_R-LRB05 | Francisco Blanco Gutiérrez | Binding of dimeric Gbg protein to Gai3 | LMR Madrid | 01.03.2022 | 0 | 2 | 2 |
| 22_R-LRB06 | Alejandro Fernández Martínez | NMR studies of phosphorylated SRC unique domain | LRB Barcelona | 02.03.2022 | 5 | 0 | 5 |
| 22_R-LRB07 | Jesús García Arroyo | Optimization of recently developed NOE-based experiments to study Liquid-Liquid Phase Separation | LRB Barcelona | 14.03.2022 | 0 | 14 | 14 |
| 22_R-LRB08 | Stase Bielskute | NMR studies of small molecules interaction with an activation domain of the androgen receptor | LRB Barcelona | 21.03.2022 | 20 | 20 | 40 |
| 22_R-LRB09 | Federica Nicolini | Study of the conformation of poly cationic peptides | LRB Barcelona | 28.03.2022 | 6 | 0 | 6 |
| 22_R-LRB10 | Isabel Correas Hornero | Interaction of FORMIN INF2 with CALMODULIN | LMR Madrid | 20.05.2022 | 0 | 12 | 12 |
| 22_R-LRB11 | Juan Dávalos Prado | Estudio químico computacional y diseño de complejos de GA que inhiben la acción de la proteína proteasa MPRO del SARS-COV-2 (covid-19) | LMR Madrid | 08.06.2022 | 1 | 0 | 1 |
| 22_R-LRB12 | Francisco Blanco Gutiérrez | PCNA-FBH1 interaction | LMR Madrid | 08.06.2022 | 0 | 6 | 6 |
| 22_R-LRB13 | Emanuele Buratti | Self-assembly of prion domains studied by relaxation-dispersion and saturation transfer NMR | LMR Madrid | 09.06.2022 | 5 | 9 | 14 |
| 22_R-LRB14 | Andras Lang | Toward an efficient screening test for SRC and drug interaction at the atomic level | LRB Barcelona | 16.06.2022 | 9 | 1 | 10 |

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| 22_R-LRB15 | Ramiro Illanes Vicioso | Structural characterization of the N-terminal domain of the isoform 2 of the ATPASE family AAA+- containing domain protein 3A (ATAD3A2) by Nuclear Magnetic Resonance | LRB Barcelona | 27.06.2022 | 0 | 6 | 6 |
| 22_R-LRB16 | Gustavo Titau Delgado | NMR characterization of a RIP homotypic interaction motif (RHIM) involved in necrosome complex assembly | LMR Madrid | 04.07.2022 | 0 | 6 | 6 |
| 22_R-LRB17 | Borja Mateos López | Characterization of MEC-2 structural propensities and interactions | LRB Barcelona | 12.07.2022 | 20 | 20 | 40 |
| 22_R-LRB18 | Beatriz Macías García | From the lab to the farm: use of extracellular vesicles from follicular fluid to improve equine embryo production in vitro | LRE Bilbao | 16.07.2022 | 0 | 10 | 10 |
| 22_R-LRB19 | Debranj Banerjee | NMR studies of USRC (1-85 CSRC) to investigate the influence of Lys/Arg side chain in membrane-induced dimerization and seeding of long-term project in epigenetics | LRB Barcelona | 18.07.2022 | 2 | 0 | 2 |
| 22_R-LRB20 | Rubén Hervás Millán | Characterization of Herzog phosphatase monomeric structure | LMR Madrid | 24.08.2022 | 0 | 6 | 6 |
| 22_R-LRB21 | Francisco Blanco Gutiérrez | Molecular recognition of FBH1 by PCNA through the APIM motif | LMR Madrid | 29.08.2022 | 0 | 6 | 6 |
| 22_R-LRB22 | Rebeca Serrano Pérez | Metabolomics linked to motility in human spermatozoa: identification of male infertility biomarkers and potentials therapeutic targets | LRE Bilbao | 05.09.2022 | 18 | 0 | 18 |
| 22_R-LRB23 | Valentín Cena Callejo | Nanomedicine for Glioblastoma therapy | LRE Bilbao | 08.09.2022 | 18 | 0 | 18 |
| 22_R-LRB24 | Rosa Antón García | Structural characterization of marginal structures in expanded PHOX2B | LMR Madrid | 08.09.2022 | 0 | 5 | 5 |
| 22_R-LRB25 | Juan Luis Asensio Álvarez | Quantitative evaluation of aromatic complexes with ¹³ C-labelled Glyco-Balances | LMR Madrid | 13.09.2022 | 15 | 2 | 17 |
| 22_R-LRB26 | Mario Cordero Morales | Structural basis of the complex formed by NLRP3 and NLRP1 pyrin domains | LMR Madrid | 23.09.2022 | 5 | 4 | 9 |
| 22_R-LRB27 | Jaime Carrasco Castro | Relaxation experiments of TDP-43's Prion Like Domain | LMR Madrid | 23.09.2022 | 0 | 6 | 6 |
| 22_R-LRB28 | Francisco Plou Gasca | Enzymatic synthesis, characterization and bioactivity of charged oligosaccharides and polyphenol glycosides (GLYCOENZ- | LRE Bilbao | 23.09.2022 | 10 | 10 | 20 |

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| | | PHARMA) | | | | | |
| 22_R-LRB29 | Jesús Garcia Arroyo | Monitoring AR-NTD interactions by arginine-selective experiments | LRB Barcelona | 23.09.2022 | 8 | 8 | 16 |
| 22_R-LRB30 | Martina Delbianco | Breaking the chemical shift degeneracy of Glycans by using 13C probes | LRE Bilbao | 26.09.2022 | 0 | 7 | 7 |
| 22_R-LRB31 | Francisco Corzana Lopez | Directing the immune response through designed nanomaterials | LRE Bilbao | 26.09.2022 | 0 | 7 | 7 |
| 22_R-LRB32 | Ricardo-Diogo Alves Conde | COVID-19 severity affects atherosclerotic risk: a view from NMR-based metabolomics approach | LRE Bilbao | 26.09.2022 | 4 | 0 | 4 |
| 22_R-LRB33 | Maidier Bizkarguenaga Uriarte | Serological analysis of the general population with SARS-COV-2 | LRE Bilbao | 26.09.2022 | 16 | 0 | 16 |
| 22_R-LRB34 | Gonzalo Pérez Mejías | Complete NMR assignment of Lysine side-chains of hemeprotein CYTOCHROME C | LRB Barcelona | 27.09.2022 | 0 | 4 | 4 |
| 22_R-LRB35 | Jesús Jiménez Barbero | NMR of Glycans | LRE Bilbao | 28.09.2022 | 5 | 5 | 10 |
| 22_R-LRB36 | Jon Bilbao García | Identification and validation of non-invasive metabolic biomarkers for diagnosis, subtipado, stratification and monitoring of the progression of non-alcoholic esteatohepatitis (NASH) | LRE Bilbao | 04.10.2022 | 20 | 0 | 20 |
| 22_R-LRB37 | Oscar Francesconi | Glycotweezer | LRE Bilbao | 06.10.2022 | 0 | 10 | 10 |
| 22_R-LRB38 | Stase Bielskute | Small molecules interaction with intrinsically disordered activation domain of the androgen receptor | LRB Barcelona | 10.10.2022 | 20 | 20 | 40 |
| 22_R-LRB39 | Jeroen Codee | The conformation of synthetic zwitterionic Streptococcus pneumoniae type 1 oligosaccharides carrying labile O-acetyl esters ¹ | LRE Bilbao | 14.10.2022 | 0 | 3 | 3 |
| 22_R-LRB40 | Nikolay Nifantiev | Molecular recognition studies of Mannan oligosaccharides from candida albicans by the C-type LECTIN DC-sign | LRE Bilbao | 17.10.2022 | 1 | 3 | 4 |
| 22_R-LRB41 | Anna Bernardi | Molecular recognition studies of Glycomimetics and the C-type LECTINS DC-SIGN AND L-SIGN | LRE Bilbao | 17.10.2022 | 0 | 3 | 3 |
| 22_R-LRB42 | Carla García Cabau | Characterization of the interactions involved in the liquid-liquid phase separation of | LRB Barcelona | 22.11.2022 | 10 | 15 | 25 |

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| | | CPEB4 | | | | | |
| 22_R-LRB43 | Paula Flores Galán | Intramolecular hydrogen bonds: N-acetylneuraminic acid and derivatives | LRE Bilbao | 22.11.2022 | 7 | 0 | 7 |
| 22_R-LRB44 | Luca Unione Arcieri | Glycobact | LRE Bilbao | 29.11.2022 | 0 | 7 | 7 |
| 22_R-LRB45 | Jon Gil Martínez | Modulación química de la ruta biosintética del grupo hemo y su uso terapéutico en porfiria | LRE Bilbao | 30.11.2022 | 0 | 7 | 7 |
| 22_R-LRB46 | M. Ángeles Jiménez López | NMR structural insights into beta-arrestin/CB1 receptor interactions using model peptides | LMR Madrid | 12.12.2022 | 9 | 0 | 9 |
| 22_R-LRB47 | Miguel Garavís | Structural determination of complexes formed by DNA and AT-specific minor groove binders | LMR Madrid | 12.12.2022 | 6 | 0 | 6 |
| 22_R-LRB48 | Alberto Fernández Tejada | Structural studies of synthetic O-GLCNAC glycopeptides and glycoproteins by NMR spectroscopy | LRE Bilbao | 13.12.2022 | 0 | 20 | 20 |