

Accesos competitivos concedidos por el R-LRB durante el año 2021

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)
21_R-LRB01	Montserrat Terrazas Martínez	Histone H4 K16 acylations and their impact on histone tail secondary structure	LRB Barcelona	11.02.2021	0	12	12
21_R-LRB02	Adam Carrera Aubesart	NMR structure determination of topoisomers of crotalidicin	LMR Madrid	18.02.2021	6	0	6
21_R-LRB03	Isabel Correas Hornero	NMR structural characterization of peptides derived from the N-terminal region of protein INF2	LMR Madrid	18.02.2021	6	0	6
21_R-LRB04	Dlaurents Douglas Laurents	Three dimensional solution structure of the SARS COV-2 NSP8 N-terminal domain	LMR Madrid	02.03.2021	1	9	10
21_R-LRB05	Nicanor Zalba Olaizola	Modulación química de la ruta biosintética del grupo hemo y su uso terapéutico en porfiria	LRE Bilbao	04.03.2021	10	4	14
21_R-LRB06	Carla García Cabau	Characterization of the interactions involved in the liquid-liquid phase separation of CPEB4	LRB Barcelona	16.03.2021	0	20	20
21_R-LRB07	Javier Oroz Garde	Unveiling the role of hidden oxidative codes in TDP-43 aggregation	LMR Madrid	22.03.2021	0	2	2
21_R-LRB08	Stase Bielskute	NMR studies of androgen receptor LLPS and its interaction with EPI-001	LRB Barcelona	06.04.2021	20	20	40
21_R-LRB09	Marta Gutiérrez Lete	NMR investigations towards understanding glycan molecular recognition processes in vivo	LRE Bilbao	15.04.2021	14	0	14
21_R-LRB10	Ana Poveda Cabanes	GLICOENZ: a platform for the design of efficient biocatalysts in the synthesis of compounds with pharmacological activity	LRE Bilbao	16.04.2021	14	7	21
21_R-LRB11	Ana Poveda Cabanes	Production of hydro-biodegradable polymers by specific microorganisms: biotechnological applications	LRE Bilbao	19.04.2021	7	4	11
21_R-LRB12	Nunilo Cremades Casasin	Pathologically relevant liquid/liquid phase separation by α -synuclein	LMR Madrid	26.04.2021	0	10	10
21_R-LRB13	Subramanian Padmanabhan Iyer	Determination of the NMR solution structures of zinc-bound and zinc-free DDVANT, free and in complex with the ECF-sigma factor DDVS	LMR Madrid	13.05.2021	0	18	18

21_R-LRB14	Blanca Baños Jaime	NMR assignment of lysine side-chains from the N-end RNA binding motif of phosphorylated HUR	LRB Barcelona	18.05.2021	8	0	8
21_R-LRB15	Federica Nicolini	Study of the oligomerisation of different P53 mutants	LRB Barcelona	26.05.2021	20	0	20
21_R-LRB16	Jose Manuel Martín García	Conformational mobility in TASPASE1, an orphan human protease implicated in cancer	LMR Madrid	01.06.2021	5	5	10
21_R-LRB17	Francisco Blanco Gutiérrez	Binding of IGG11 to human G protein GAI3 loaded with GTPGS	LMR Madrid	09.06.2021	0	2	2
21_R-LRB18	Borja Mateos López	Modulation of the androgen receptor activation domain: implications for castration-resistant prostate cancer	LRB Barcelona	29.07.2021	20	20	40
21_R-LRB19	Marc Torrent Burgas	NMR study of antimicrobial heparin-binding peptides	LMR Madrid	02.08.2021	8	0	8
21_R-LRB20	Jon Gil Martínez	Modulación química de la ruta biosintética del grupo hemo y su uso terapéutico en porfiria	LRE Bilbao	23.08.2021	7	7	14
21_R-LRB21	Emanuele Buratti	Chemical exchange and intermolecular interactions to characterize the impact of pathological mutations on the self-assembly of proteins	LMR Madrid	10.09.2021	10	10	20
21_R-LRB22	Ganeko Bernardo Seisdedos	Fine-tuning of HSC70 chaperone activity by the distinctive C-terminal extension of human APG2	LRE Bilbao	13.09.2021	0	14	14
21_R-LRB23	Tania Pereira Ortuzar	Regulation of iron by frataxin in the heme cycle	LRE Bilbao	16.09.2021	5	10	15
21_R-LRB24	Sergio Camero Gigante	NMR characterization of the chemical library targetmol L5700	LMR Madrid	16.09.2021	2	0	2
21_R-LRB25	Jaime Carrasco Castro	Structural characterization of a key fragment in TDP-43's aggregation	LMR Madrid	04.10.2021	6	0	6
21_R-LRB26	Jon Bilbao García	Identification and validation of metabolomic-based non-invasive serum biomarkers that diagnose, subtype, risk stratify and monitor non-alcoholic steatohepatitis (NASH) progression	LRE Bilbao	14.10.2021	18	0	18
21_R-LRB27	Alejandro Fernández Martínez	NMR studies of phosphorylated Src unique domain	LRB Barcelona	21.10.2021	5	10	15
21_R-LRB28	Stase Bielskute	NMR studies of a fragment of the androgen receptor LLPS regulation by small molecules	LRB Barcelona	25.10.2021	20	20	40
21_R-LRB29	Nuria Escaja Sánchez	Structural characterization of I-motifs incorporating fluorescent nucleobase analogs	LMR Madrid	27.10.2021	15	0	15

21_R-LRB30	Roberto Bello Madruga	NMR study of and beta defensin like antimicrobial peptide from panulirus argus and its truncated analog CTPAD	LMR Madrid	05.11.2021	12	0	12
21_R-LRB31	Jesús García Arroyo	Optimization of isotope filtered/edited intermolecular NOESY experiments to study phase separation	LRB Barcelona	09.11.2021	0	10	10
21_R-LRB32	Juan Luis Asensio Alvarez	Development and application of new NMR-based ligand screening methods suitable for nucleic acids receptors.	LMR Madrid	10.11.2021	5	5	10
21_R-LRB33	Gustavo Titau Delgado	Structural and dynamical characterization of a RIP homotypic interaction motif (RHIM)	LMR Madrid	15.11.2021	0	8	8
21_R-LRB34	Carla Garcia Cabau	Characterization of the interactions involved in the liquid-liquid phase separation of CPEB4	LRB Barcelona	01.12.2021	0	5	5
21_R-LRB35	Jose Luis Neira	Exploring drugs against HSRA of H. Pylori	LMR Madrid	17.12.2021	0	2	2
21_R-LRB36	Marcos Gómez Redondo	The two domains of human GALECTIN-8 bind sialyl- and fucose-containing oligosaccharides in an independent manner. A 3D view by using NMR	LRE Bilbao	17.12.2021	20	20	40
21_R-LRB37	Sara Bertuzzi	Molecular recognition of glycans by lectins and beyond: a 3D view by using NMR	LRE Bilbao	20.12.2021	20	20	40
21_R-LRB38	Mariapia Lenza	Deciphering the recognition features of glycans by human lectins at the molecular level	LRE Bilbao	04.01.2022	3	20	23

Durante el año 2021 la ICTS R-LRB ha concedido un total de 38 accesos competitivos distribuidos en 581 días de espectrómetro de RMN. En promedio, se ha otorgado un 26.2% de tiempo anual disponible en los espectrómetros de 600 MHz, y un 26.8% del tiempo anual disponible en los equipos de 800 MHz