

Euromar 2007 Poster Panels

Submission Number	Panel Number	Contact Author	Title
286	SM363	Juan Carlos Poveda	UNAMBIGUOUSLY THEORETICAL ASSIGNMENT OF CHEMICAL SHIFTS OF S-METHYL DERIVATIVES OF SULFIDES AND THIOPHENIC COMPOUNDS
290	SM364	Juan Carlos Poveda	ASSIGNMENTS OF CHEMICAL SHIFTS OF METHYL BENZO[b]THIOPHENE SULFONES ISOMERS USING THEORETICAL METHODS AND 1D AND 2D NMR SPECTROSCOPY
292	MS279	Samadi-Maybodi Abdolraouf	Thermodynamic behavior of Cl-adamantane in Zeolite-Y. Study of Host-Guest interaction using ¹³ C NMR Dipolar Dephasing and variable contact time measurements
293	BM25	Alexey Denisov	Solution Structure of the bb' Domains of the Human Protein Disulfide Isomerase
294	BM26	Maruthi Krishna Mohan Poluri	NMR Characterization of Native Energy Landscapes of DLC8 Protein
295	PA321	Desiree Tsao	NMR in the identification of potential lead compounds: fragment based screening approaches at Wyeth Research
296	SM365	Ernani Basso	Medium Effect on the Rotational Barriers of Carbamates and Its Sulfur Congeners
297	IM228	Mladen Barbic	Magnetic Resonance Tomography using Ferromagnetic Spheres
299	IM229	Sergei Rybalko	Susceptibility materials recognition in simulated magnetic resonance imaging
300	MA241	Ramona Orza	Solid-state ¹ H NMR study on chemical cross-links, chain entanglements and network heterogeneity in peroxide-cured EPDM rubbers
302	MA242	Poonkodi Balasubramanian	Solid-state NMR studies of novel stationary phase materials
303	MA243	Poonkodi Balasubramanian	Solid-state NMR investigations on fluorinated host-guest complexes
307	GE1	Sankarampadi Aravamudhan	DISCRETE SUMMATION OF INTER-MOLECULAR CONTRIBUTION TO INDUCED FIELDS WITHIN INNER VOLUME ELEMENTS AND THE CONVERGENCE CHARACTERISTICS AT OFF-CENTRE PROTON SITES WITHIN THE I.V.E
308	BM27	Paul Schanda	Protein folding and unfolding studied by SOFAST real-time 2D NMR
309	IM230	Francois De Guio	Characterization of signal loss due to magnetic susceptibility interfaces in Gradient-Echo imaging by simulation and experiments
312	BM28	Ramon van der Werf	New Methods for NMR structure determination and validation of ribose nucleic acids
313	MS280	DEVIDAS RASKAR	Study of network modification in silver borophosphate glasses by Rotational Echo Double Resonance (REDOR) NMR
315	MS281	Rashmi Deshpande	High resolution solid state NMR characterization of Sodium Aluminophosphate silicate glasses synthesized by Sol-Gel method
316	DY192	Rudra Prosad Choudhury	Exchange dynamics of probe molecules in sub-micron polyelectrolyte capsule dispersions measured by PFG-NMR
318	CA164	Jair Freitas	Na-23 NMR study of sodium species in porous carbons
319	PA322	Brian Cutting	A Rapid Method for Finding High Affinity Glycoprotein Ligands from a Dual, NMR - Chemistry, Approach
320	RE338	Alexander Panich	Long-lived spin echoes in magnetically diluted system: an NMR study of the Ge single crystals
321	MA244	Alexander Panich	Solid State NMR Studies of NanoCarbons
324	BM29	Catarina Paquete	Functional properties of type I and type II cytochromes c3 from <i>Desulfovibrio africanus</i>
325	BM30	Astrid Gräslund	Metal peptide.bion interactions with the Alzheimer A
328	PS305	Vadim Atsarkin	Between ferro- and paramagnetism: multiple quantum transitions in magnetic nanoparticles
329	GE2	Sudha Srivastava	Role of L-arginine in sperm function
330	BM31	Vitali Zielke	"EPR studies on light-induced conformational changes in NpSR11-HtrII reveal new insight into the mechanism of phototransduction "
331	BM32	Michael Overduin	Lipid interaction networks of membrane-associated proteins
332	BM33	Bruno Fonseca	Redox-Bohr effect in the soluble small tetraheme cytochrome c from <i>Shewanella oneidensis</i> MR1
333	GE3	Med Abderrahmane Sanhoury	BERYLLIUM (II) COMPLEXES WITH (R ₂ N)2P(O)OCH ₂ CF ₃ :
334	CO173	Ilya Kuprov	Polynomially scaling spin dynamics simulation algorithm based on adaptive state space restriction
335	MS282	Bibhuti Bibhudutta Das	Reconstruction of a Solid-State High-Resolution Heteronuclear J-Resolved 2-D Spectrum from 1-D Experiments
336	MA245	Jean-Yves Buzaré	²³ Na and ²⁷ Al NMR and electronic structure of fluoroaluminates
338	BM34	Wim Vranken	A global analysis of NMR distance constraints from the PDB
340	RE339	Magdalena Wencka	Free Radicals and their Electron Spin Relaxation in Cellulose
341	IM231	Mahir S. Ozdemir	ABSOLUTE QUANTIFICATION OF CARNOSINE IN HUMAN CALF MUSCLE BY PROTON MAGNETIC RESONANCE SPECTROSCOPY
343	MA246	Teresa G. Nunes	Combinatorial NMR-STRAFI MRI investigation of functionalized methacrylate-based polymers
344	MA247	Petru Pascuta	EPR and magnetic susceptibility studies of Gd ³⁺ ions doped bismuth-germanate glass matrix
345	BS150	Antoine Loquet	High-resolution structure determination by solid-state NMR spectroscopy of the microcrystalline model protein Crh
347	RE340	Renate Auer	Chemistry meets NMR: Selective ¹³ C Protein - Backbone Labeling and NMR Relaxation Experiments involving Adiabatic Fast Passage
348	BM35	Alexander Golovanov	Isotopically-discriminated NMR: see proteins interact.
349	RE341	Jiri Spevacek	NMR relaxation study on polymer-solvent interactions in solutions of thermoresponsive polymers
350	MA248	pascal palmas	Diffusive diffraction measurements in porous media: effect of structural disorder and internal magnetic field gradients
351	GE4	Kyryl Kobzar	Analyses, extensions and comparison of three experimental schemes for measuring (nJCH + DCH)-couplings at natural abundance.
352	GE5	Kyryl Kobzar	Spin state selective Hadamard encoding during transfer periods using multiple selective CW-HCP

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353	IM232	Igor Sersa	MRI of Mechanical Deformations
354	SM366	Ulrich Scheler	Ligand binding and counterion condensation studied by electrophoresis NMR
355	MA249	Ulrich Scheler	Structure characterization of fluoropolymers
356	IM233	Ulrich Scheler	Flow NMR in complex fluids
357	SP408	Eduardo Ribeiro deAzevedo	QUANTUM STATE TOMOGRAPHY FOR GENERAL QUADRUPOLEAR SYSTEMS: THEORY AND APPLICATIONS
360	SM367	José Juan Hernández-Gay	THE CONFORMATIONAL BEHAVIOUR OF GLYCOMIMETICS
361	SM368	Grit Kummerloewe	Variable Angle NMR-Spectroscopy in Stretched Gels: Scaling of Anisotropic Parameters and Measurement of Residual Chemical Shift Anisotropy (RCSA)
362	SM369	Grit Kummerloewe	Stretched Poly(acrylonitrile) as a Scalable Alignment Medium for DMSO
363	BM36	Daniel Cicero	Structural and dynamic determinants of ligand binding in the ternary complex of chicken liver bile acid binding protein with two identical bile salts revealed by NMR
364	PA323	John Griffin	Distinguishing Anhydrous and Hydrated Pharmaceutical Compounds in Pure and Tablet Form using ¹ H DQ CRAMPS NMR
365	BM37	Anna Tamowska	The NMR Insight into Insulin Selfassociation.
367	MS283	Jörg Matysik	CP/MAS NMR on phytochrome Cph1Δ2: Protonation state and dynamics of the tetrapyrrole cofactor
368	CO174	Brent Lefebvre	NMR Chemical Shift Prediction by Atomic Increment Based Algorithms
369	MA250	Sónia Pereira	EPR STUDIES ON PHOTOCURED DENTAL ADHESIVES
371	BM38	Murray Coles	Globally right, locally wrong; errors in automatic structure determination
372	IM234	Maria Baias	Non-invasive spatial tissue discrimination in ancient mummies and bones in situ by portable nuclear magnetic resonance
374	BM39	Ewen Lescop	Novel NMR tools for fast protein resonance assignment and structure determination
375	GE6	Kyryl Kobzar	Pulse design by optimal control theory: minimizing the power requirements and application to universal rotations
376	BM40	Maria Flor Garcia Mayoral	Solution structures of the C-terminal domains of KSRP and NMR-monitored studies of its interactions with target RNAs
378	BM41	Dominique Marion	Optimized 3D-NMR sampling for resonance assignment of partially unfolded proteins
379	MS284	Amy Webber	Better Resolution and Assignment of ¹ H Double-Quantum Correlations in High-Resolution Solid-State NMR by Through-Bond Refocused INEPT Transfer to ¹³ C
380	BM42	Philippe Pelupessy	Measurements of fast hydrogen exchange rates
381	BM43	Burkhard Endeward	PELDOR on Macromolecules and Model Bi-Radicals
382	HS213	Luis agulles pedrós	Study of diffusion coefficient of hyperpolarized gases and their use as a contrast agent in MRI
383	BM44	Rodrigo J. Carbajo	STRUCTURE-ACTIVITY STUDIES OF THE RECOMBINANT SNAKE VENOM PROTEIN JERDOSTATIN
384	MS285	Daniella Goldfarb	A triple resonance experiment for resolving congested ENDOR and ELDOR-detected NMR spectra
385	MA251	Iliia Kaminker	CW EPR and ESEEM spectroscopy probe the formation of the silica layer during the synthesis of the mesoporous material SBA-15
386	SM370	Esther Leon	STRUCTURAL BASIS FOR RECOGNITION OF OPERATOR AND CarS ANTIREPRESSOR BY M. XANTHUS CarA REPRESSOR
387	BM45	Marie Renault	Structure and dynamics of KpOmpA, a membrane protein of the OmpA family, present in the outer membrane of Klebsiella pneumoniae.
389	BM46	Emmanuelle Durand	Diffusion-based NMR methodologies applied to the characterisation of heavy oils
390	BM47	Delia Picone	3D domain swapping of proteins: the unusual case of Bovine Seminal Ribonuclease
391	MA252	Kathryn Washburn	Propagator Resolved Transverse Exchange Spectroscopy
392	MA253	Lars Nordstierna	Molecular adsorption on solid surfaces studied by NMR spectroscopy
393	BS151	Marianne Gaborieau	Investigation of structure and dynamics in starch granules
395	BM48	Weontae Lee	NMR Structure and Dynamics of a 50kda Atypical Orphan Response Regulator Protein
397	MA254	Bernadeta Dobosz	EPR as a useful tool in archaeology of ceramics
398	BM49	Jochen Klages	Solution structure and backbone dynamics of the BMP receptor type I
399	GE7	Eric guittet	Elucidating isomerisation issues in ligand-protein binding by STD NMR and molecular docking
400	SM371	Dusan Uhrin	The INADEQUATE experiment has come of age
401	BM50	Nikolaus P. Ernsting	Fluorescent biolabels in DNA-helices: Determination of structure perturbations by NMR-spectroscopy
402	FR205	M. J. Prandolini	A liquid-state 400 MHz/260 GHz DNP spectrometer
403	DY193	Jean-Marc Iancelin	Discoveries Around NMR of Exchanging Biomolecular Systems
404	SM372	Christina Thiele	(Synthetic) Helically chiral polymers as alignment media for organic compounds
405	RE342	Klaartje Houben	Dynamics and interaction of two (partly) unfolded viral protein domains
407	SM373	Katelijne Gheysen	Rapid identification of monosaccharide units in polysaccharides using a TOCSY pattern matching approach
408	SP403	Rodolfo Héctor Acosta	Intermolecular double-quantum coherences in gases
409	SP404	Paul P. Zänker	Spin echoes in gases in the fast diffusion regime: Changes of amplitude, shape and position
410	DY194	Felix Halbach	Effect of Alignment Media on Conformational Equilibria of Solutes
412	SM374	Davy Sinnaeve	Conformation and self-association of a cyclic lipodepsipeptide investigated by NMR spectroscopy
413	FR206	Fredrik Hallberg	Electrophoretic NMR (eNMR) – methods and applications

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415	CO175	Andriy Marko	Simulation of PELDOR time-traces for rigid spin labelled bio-macromolecules
416	RE343	Daniel Abergel	Prediction of NMR relaxation rates and order parameters of proteins from their structures by a network of coupled rotators
418	MS286	Laurent Delevoye	Resolution improvement through decoupling quadrupolar nuclei with new multiple-pulse sequences
419	PA324	Nessim Kichik	Discovery of novel Prolyl oligopeptidase inhibitors from traditional Chinese medicinal plants by 19F-NMR.
420	BM51	Christian Roumestand	Combining NMR and SAXS data for the resolution of the 3D structure of the complex Akt : TCL1
421	BM52	Adela M. Candel	THE ROLE OF PROLINES IN SH3 BINDING USING A SINGLE-CHAIN QUIMERIC PROTEIN MIMICKING A SH3-POLYPROLINE PEPTIDE COMPLEX
422	BM53	Jose L. Ortega-Roldan	High resolution NMR structure of the third SH3 domain of CD2AP
423	BM54	Susana Gordo	Structural Rescue of Protein p53 Tetramerization by Designed Calix[4]arenes Compounds
424	PS306	Leonor Morgado	Geobacter multiheme cytochromes: e-/H+ networks probed by NMR
425	PA325	Beatriz Jiménez	Structural Studies of the Interaction between Tah1 and Hsp90: Looking for Inhibitors to Modulate Signal Transduction.
426	SM375	François-Xavier Theillet	Conformational behaviour and specific immune recognition of oligosaccharidic fragments of Ag-O of Shigella flexneri 2a.
427	BM55	Raphael Stoll	Structural studies on the MIA protein – implications for malignant melanoma
428	BM56	Yevhen Polyhach	High-field DEER and rotamer libraries improve structural information on spin-labeled proteins
430	IM235	Els Fieremans	quantifying the diffusion in an anisotropic diffusion phantom
431	PA326	Andreas Frank	Phosphorus NMR for ligand based screening of protease inhibitors
432	MS287	Scott Kroeker	Network Connectivity and Homogeneity in Model Nuclear Waste Glasses
434	CO176	Vyacheslav Chertkov	Conformational dynamics of five-membered rings by NMR and ab'initio calculations
435	BM57	Manuel Melo	Structural Characterization of Dengue Virus 2 Fusion Peptide Bound to Detergent Micelles and LUV by NMR
436	BM58	Franz Hagn	Interaction Between Individual Domains of Hsp90 Monitored by NMR Spectroscopy
437	CO177	Marc Delsuc	Modeling of NMR processing, toward efficient unattended processing of NMR experiments.
438	RE344	Mumdooh Ahmed	Secondary structure and dynamics studies of the BG21 isoform of Golli myelin basic protein using NMR
441	MS288	Anuji Abraham	Proton-detected nitrogen-14 NMR by recoupling of heteronuclear dipolar interactions using symmetry-based sequences
442	BM59	Aldino Viegas	The Solution Structure of Hirsutellin A; structure-function relationship of ribotoxins
443	BM60	Salvador Casares-Atienza	Structural–dynamical study of the coupling between the conformational flexibility and ligand binding in an SH3 domain
445	BM62	Anne Dhulesia	Exploring the Energy Landscape of Human Lysozyme towards an Elucidation of the Molecular Mechanism of Systemic Amyloidosis
446	MA255	Jürgen Kolz	Investigation of water dynamics in non-equilibrium swollen ionic hydrogels
447	MA256	Luis Mafrá	Study of Layered gamma-Titanium Phosphate Intercalated with n-Alkylamines Using High-Resolution Solid-State NMR, Powder X-ray Diffraction and Molecular Modeling
450	BM63	Helene Van Melckebeke	Atomic structure of the HET-s amyloid fibrils using solid-state NMR.
451	BM64	Guillaume Bouvignies	High Resolution Determination of Protein Structure and Dynamics using Residual Dipolar Couplings
452	BM65	Xavier Salvatella	Do the fluctuations of the alignment tensor affect the analysis of protein dynamics by RDCS?
453	RE345	Riddhiman Sarkar	Optimization of life-times of singlet-state populations
454	PA327	Ryszard Krzyminiewski	The role of free radicals in inflammatory state studied by the EPR method
455	FR207	Paul R. Vasos	Singlet-State Spectroscopy for the Study of Very Slow Dynamic Processes
456	GE8	Med Taieb Ben Dhia	CHALCOGENOPHOSPHORYL COMPLEXES OF TIN(IV) CHLORIDE:
457	DY195	Barbara Richter	The MUMO (Minimal Under-restraining Minimal Over-restraining) Method for the Determination of Protein Dynamics
458	SM376	Daniel Jana	Solution structure of BMIM.PF6 in DMSO: a PGSE diffusion and NOE combined study
461	SM377	Heiko Möller	Presentation of Sugars by Cyclic Neoglycopeptides - Role of Scaffold Conformation for Multivalent Recognition
463	RE346	Marcel Reese	High Resolution Field Cycling NMR and Relaxometry by Pneumatic Sample Shuttling
465	BM66	Fernando Rodriguez-Castaneda	Solution structure of the CaM/Munc13-1 peptide complex reveals a novel motif of peptide recognition by calmodulin with interdomain motions in the submillisecond time scale
466	HS214	Zaher Salman	Magnetic Properties of Mono-Layers of Single Molecule Magnets using Beta-Detected NMR
467	GE9	Christine Hilcenko	Structure and function of the human SBDS protein
468	RE347	Jozef Kowalewski	13C NMR Relaxation and Exchange Kinetics Studies of Inclusion Complexes of Dichloromethane and Some Cryptophanes
471	BS152	Theofanis Manolikas	Structure Determination of a Uniformly 13C-15N Labeled Microcrystalline Protein
473	PS307	Vasyl Denysenkov	Orientation of tyrosyl radicals in ribonucleotide reductase using high field PELDOR
474	CO178	Gerhard Wagner	Forward Maximum entropy (FM) reconstruction of non-linearly sampled 2D data: Faithful peak quantification and S/N implications in metabolite HSQC and protein NOESY spectra
476	CO179	Silvia Carlotto	A Comparative Study in Different Solvents of CW-ESR Spectra of the Double Spin Labeled Peptide Fmoc-(Aib-Aib-TOAC)2-Aib-OME via ab-initio modeling
477	MA257	Stanislav Vrtnik	Orientation-dependent NMR study of the giant-unit-cell intermetallics beta-Al3Mg2, Bergman-phase Mg32(Al,Zn)49, and xi'-Al74Pd22Mn4
478	MS289	Marek J. Potrzebowski	Structure, Dynamics and Polymorphism of Amino Acids and Small Peptides - Solid State NMR Study
479	BM67	Pau Bernadó	Interpretation of NMR measurements of Highly Flexible Proteins with the aid of SAXS
480	GE10	Nikolaus Nestle	The swiss-cross Helmholtz magnet – a versatile low-field magnet design with large air gap and multidirectional accessibility

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481	GE11	Nikolaus Nestle	Open source NMR spectrometer control software DAMARIS – concept, experiences and perspectives
482	BM68	J. J. Lopez	The structure of the neuropeptide Bradykinin, bound to the G-protein coupled receptor Bradykinin-2 by solid-state NMR
483	GE12	Nikolaus Nestle	Diffusion and apparent longitudinal relaxation in thin excited slices
484	GE13	Nikolaus Nestle	Nuclear spin relaxation and mechanical properties of SBS block copolymers
485	SM378	J. Ignacio Santos	Conformational Analysis of Carbohydrate and Carbohydrate-Protein Interactions. A 3D view by using NMR.
486	SM379	J. Ignacio Santos	Multivalency in Carbohydrate-Carbohydrate Interactions. A 3D view by using NMR.
487	MA258	Tatiana Altshuler	Magnetic Phase Transition in EuB ₆
489	BM69	Yolanda Pérez	STRUCTURAL STUDIES OF THE NATIVELY UNFOLDED C-SRC UNIQUE DOMAIN
490	CO180	Milos Hricovini	DFT studies of chemical shifts and scalar coupling constants. Dependences of one-bond proton-carbon and three-bond coupling constants upon 3D structure of saccharides.
491	PS308	Besnik Kasumaj	Effects of Strong Level Mixing in Nuclear Modulation Techniques
492	PS309	Kristmann Gislason	Determination of Mn(II)-nitroxide distances by PELDOR
493	RE348	Stefan Lijewski	Electron spin relaxation and quantum localization in carbon nanoparticles: electron spin echo studies
494	MA259	Larysa Starovoytova	Reorganization processes during the phase separation of temperature sensitive polymer system
495	BM70	Sik Lok Lam	NMR Investigation of DNA Primer-Template Models: Structural Insights into Dislocation Mutagenesis in DNA Replication
496	BM71	Sik Lok Lam	Structural Roles of CCTG Repeats in DNA Tetranucleotide Repeat Expansions
497	PS310	Aliaksandr Marchanka	TRIPLET STATES IN BACTERIAL REACTION CENTERS INVESTIGATED BY EPR SPECTROSCOPY
498	PS311	Nadica Maltar-Strmečki	HYSCORE STUDY OF 14N SPLITTING FOR THE SECOND STABLE L-ALANINE PARAMAGNETIC CENTER
499	BM72	Sik Lok Lam	Structural Investigation of Hyperoxidized Lesions in DNA Duplexes
500	BM73	Sik Lok Lam	DSHIFT: a Web Server for Predicting DNA Chemical Shifts
502	RE349	Carlos Geraldés	²³ Na Multiple Quantum Filtered NMR Characterization of Na ⁺ Binding and Dynamics in Animal Cells – a Comparative Study and Effect of Na ⁺ /Li ⁺ Competition
503	FR208	Iain McKenzie	Pulsed Radio-Frequency Methods for Muon Spin Resonance
504	CO181	János Rohonczy	Monte Carlo simulation of DNMR spectra of coupled spin systems
505	MA260	Gustavo Monti	CROSS-LINK POINT FUNCTIONALITY INFLUENCE ON ELASTIC PROPERTIES OF MODEL PDMS NETWORKS
507	SP405	Gustavo Monti	CREATION AND RELAXATION OF DIPOLAR ORDER IN LIQUID CRYSTALS PROBED VIA THE EVOLUTION OF MULTIPLE QUANTUM COHERENCES.
508	BM74	Kimmo Pääkkönen	Protein backbone resonance assignment from fractional ¹³ C-labeling data
509	FR209	Doroteya Staykova	Multi-way decomposition of NMR data with coupled evolution periods: tools and applications
510	BM75	Maria Matulova	HUMAN PATHOGEN CANDIDA DUBLINIENSIS: A CELL WALL MANNAN WITH A HIGH CONTENT OF -1,2-LINKED MANNOSE RESIDUES ^b
512	MA261	Naira Ruiz	STRUCTURAL ANALYSIS OF POLYPROPYLENE NANOCOMPOSITES BY NMR SPECTROSCOPY
513	BM77	Anita Joucelyne Marsaioli	Topology of a ternary complex (proparacaine-cyclodextrin-liposome) by 1H NMR (STD)
515	BM78	Nikolaos Kandias	An NMR structural investigation of metallo-chaperones engaged in Copper delivery for thylakoid import.
517	CA165	Olga Lapina	Model ¹²⁹ Xe NMR studies of the porosity of activated carbons and carbon nanotubes
518	BM79	Massimiliano Tittarelli	5-(Pyren-1-yl)-2'-Deoxyuridine Induced Structural Changes in DNA
519	PS312	Ana P. Fernandes	NMR studies of mutated forms of PpcA: a periplasmic multiheme cytochrome involved in metabolic energy transduction
520	RE350	Siegfried Stapf	Dynamics and order in polymer nanofilms by NMR relaxometry
521	HS215	Ryszard Narkowicz	Scalable planar microresonators for EPR experiments
522	BM80	Primoz Sket	An NMR study of ammonium ion (non)movement within the d(G3T4G4) ₂ G-quadruplex
523	BM81	Mirko Cevec	Study of the construct of let-7 miRNA and lin-41 mRNA by NMR
524	MA262	Carmen Tripon	The Influence of 3d Ions on the Structure of Bismuthate Vitreous Compounds
525	RE351	Adrian Cernescu	Relaxation Filtered Hyperfine Spectroscopy (REFINE): Separation of overlapping FeS Spectra in Complex I
526	BM82	M. Angeles Jimenez	NMR STRUCTURAL INVESTIGATION OF VEGF AND VAMMIN DERIVED PEPTIDES
527	MS290	Estela M. Sánchez	ASSESSMENT OF NMR TECHNIQUES IN METABOLIC STUDIES OF TOMATO SAMPLES
528	BM83	Georgios A. Spyroulias	Interaction between Calmodulin and a Calmodulin binding peptide of SK2 Potassium Channels by NMR.
529	PA328	Katharina Wallach	Saturation Transfer Double Difference (STDD) NMR to characterize the binding of HIV glycopeptides to the human seven helix transmembrane coreceptor CCR5
530	CO182	Perttu Lantto	Xe chemical shift by relativistic Breit-Pauli perturbation theory
531	BM84	Blanca López-Méndez	NMR structure of CgNa, a type I toxin from the Sea Anemone Condylactis gigantea: similarities and distinctive structural and functional properties to both type I and II toxins
533	SM380	Dolores Santa María	Fluxional Behavior of Molybdenum Bis- and Tris-pyrazolylborates
534	PS313	Dominik Margraf	Pulsed Electron-Electron Double Resonance: Beyond measuring distances
535	SM381	Pekka Tallavaara	A Novel NMR Method to Determine Nuclear Shielding Anisotropies with ¹³ C Shielding Anisotropy of Methyl Iodide as an Example
536	MA263	Adriana Popa	CORE - SHELL EFFECTS AS SEEN BY EPR IN La ₂ /3Ca ₁ /3MnO _{3-δ} NANOPARTICLES
537	MS291	Jean Paul Amoureux	Direct and Inverse covariance NMR spectroscopy of solids

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538	SM382	Cristina Daolio	Identification and Characterization of Alternaria Mycotoxins Using HPLC-SPE-NMR.
539	MS292	Renee Siegel	Rotary-Resonance Recoupling (R3) phenomenon applied to quadrupolar nuclei in solids
540	SP406	Nicolas Aeby	Homonuclear scalar coupling effects in multiple refocusing pulse sequences
541	RE352	Vladimir Chizhik	Relaxation of H-2, Na-23, and Cl-35 nuclei and peculiarities of hydration shells of Cl- and Br- anions in binary and ternary aqueous solutions
542	SM383	Maria José Villa de Brito	Dynamic behaviour in solution of Mo(II) complexes with 2,2'-dipyridylamine derivatives
543	BM85	Gerd Gemmecker	Domain-selective isotope labeling of large proteins by in vivo intein ligation
544	FR210	Ulrich Günther	Probing DNP enhancement for Biological Samples
545	BM86	Andrea Bodor	Characterization of the 'paddle' region from K+ channels
546	RE353	Arnout Kalverda	Hadamard NMR spectroscopy for relaxation measurements of large (>35kDa) proteins
547	BM87	Michael Overduin	Protein-membrane interaction monitored by NMR: Binding of sphingomyelinase C from Listeria ivanoii (SmL) to membrane mimetic systems
549	BM88	David Pantoja-Uceda	Stiffness in the structure of the two-domain tick carboxypeptidase inhibitor, free and in complex with human carboxypeptidase B
550	GE14	Satoshi Sakurai	DI-MICCS-NMR : Simplified Sample Injection for Flow-Measurement
551	BS153	Jiri Spevacek	Solid-state NMR studies of polysaccharide systems
552	SM384	Dionisia Sanz	Pyrazolo[1,5-a]pyrimidines. Multinuclear magnetic resonance (1H, 13C, 15N and 19F) approach to their structural assignment
553	MS293	Ramona Ioana Chelcea	Dynamic heterogeneities in soft solids by NMR in strongly inhomogeneous magnetic fields
554	MS294	Radu Fecete	Dipolar correlation functions of soft solids by NMR in strongly inhomogeneous magnetic fields
555	BM89	Lukasz Matulewicz	1H NMR spectroscopy of living cells after irradiation
556	SM385	Almudena Perona Requena	NMR spectroscopy studies of the behaviour of (E)-4-[(1H-benzazol-1-ylimino)methyl]pyridin-3-ol in different media
557	PA329	Peter Howe	Off-line LC-NMR for Impurity Identification
558	BM90	Jorge Santoro	Automating the analysis of protein NMR spectra with coupled evolution periods
559	BM91	Jesús Garcia	Interaction between the bacterial nucleoid-associated proteins Hha and H-NS
560	BM92	Anna Cichon	EFFECT OF SHORT- AND LONG-TERM EXPOSITION TO CIGARETTE SMOKE – HIGH RESOLUTION 1H NMR STUDIES OF MICE BRAIN EXTRACTS
561	SM386	Miriam Pérez-Trujillo	Acquisition of complementary HMBC data using MATS (Multiple-FID Acquisition Time Shared) experiments
562	RE354	Pietro Carretta	NMR study of the decoherence time of TbPc2
563	BS154	Christian Gröger	Solid-state 29Si NMR and fluorescence microscopic studies on the silicon metabolism of diatoms
564	BS155	Katharina Lutz	Multinuclear liquid and solid-state NMR spectroscopic characterization of diatom cell walls and their isolated biomolecules
565	HS216	Steven Reynolds	13C DNP of fullerenes
566	MA264	Pierre Florian	Evidencing multinuclear molecular units in silicate and alumino-silicate glasses: an Al-27, O-17 and Si-29 NMR investigation.
568	MA265	Hana Kourilova	NMR Study of Phase Transition in Water-Ethanol Polymer Solutions and Conosolvency Effect
569	SM387	Pau Nolis	A complete set of Time Shared experiments for the simultaneous detection of long range 1H-13C and 1H-15N connectivities.
570	BM93	Miguel Angel Treviño	STRUCTURE AND EPITOPE CHARACTERIZATION OF THE C-TERMINAL DOMAIN OF OLE E 9, A MAJOR ALLERGEN OF OLIVE POLLEN
571	PA330	Maria Margarida Castro	Vanadium Compounds as insulin mimetic agents: chemical and biochemical studies with a pyrimidinone complex
572	SM388	Peter Sandusky	The Role of Carbon Observe Experiments in the Structure Elucidation of Natural Products
573	GE15	Cláudia Souza	STUDY OF SOYBEAN AND CASTOR OIL MIXTURE BY 1H NMR AND CHEMOMETRIC METHODS
574	MA266	Dinu Iuga	Solid State NMR study of Scandium Fluorides
575	SM389	Calin Deleanu	Structure and NMR data for new morpholinyl and piperazyl organoselenium (II) derivatives
576	BM94	Erik Strandberg	Orientation of Antimicrobial Peptides in Lipid Membranes
577	MA267	Giorgia Zandomeneghi	11B MAS NMR Study of Boron Traces in Brucite from the Lost City Hydrothermal Field
578	CA166	Alexandre Torres	HPNMR application for gas solubility determination.
579	SM390	Jan Schripsema	1H NMR for the accurate quantification of cyanobacterial toxins.
580	CO183	Claudiu Filip	Analytical Insights into the Dynamics of Dipolar-Coupled Multi-Spin Systems by Symbolic Computations
581	CA167	J. Alejandro Vidal Moya	Solid State NMR characterization of Ge-AST type zeolites
582	BS156	Kazuo Yamauchi	Structural Analysis of (Ala) in Crystalline Region of Silk Fibroins using Solid State NMR
583	HS217	Kazuo Yamauchi	High Resolution Solid State NMR Probehead for Mass-Limited Samples with Microcoil and 1mm Rotor
584	BS157	Tetsuo Asakura	Lamellar Structures in Poly(Ala-Gly) and Related Polypeptide determined by Solid-State NMR
585	PS314	Thomas Risse	Construction of an ultrahigh vacuum compatible W-band EPR Spectrometer
586	BM95	Renzo Bazzo	The NMR structure of a complex between a phenethylamide inhibitor and the NS3 protease domain of Hepatitis C Virus (HCV) provides insights into the enzyme mechanism and activity
587	BM96	Laure Guilhaudis	Solution structure of human NPFF, an important pain modulation neuropeptide
588	SP407	Ales Mohoric	Spin Echo in modulated gradient and the Diffusional spectra

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589	RE355	Lars Nordstierna	Solute-solvent contact by intermolecular cross relaxation
590	MS295	Ray Dupree	Extraction of NMR Interaction Parameters from Numerical Simulation of Double Rotation NMR Spectra
591	FR211	Norbert Müller	Spin noise NMR spectra
592	BM97	Isabelle Ségalas-Milazzo	Solution structure of extracellular loop III of urotensin-II receptor and NMR characterization of its interaction with urotensin-II
593	BM98	Petros Gkazonis	NMR characterization of a potential bacterial copper chaperone involved in the assembly of CuA center of Thermus Thermophilus
594	IM236	Ursa Mikac	Determination of Moisture Content in Wood by Magnetic Resonance
595	MS296	Gwendal Kervern	New tools for the structural determination of molecular paramagnetic complexes in powder form
596	PA331	Katalin E. Kövér	Molecular recognition and screening using a novel 15N-group selective STD NMR method
597	CA168	Dzhalil Khabibulin	Solid State NMR characterisation of individual compounds and solid solutions formed in Sc ₂ O ₃ -V ₂ O ₅ -Nb ₂ O ₅ -Ta ₂ O ₅ system
598	MS297	Nicolas Mifsud	Chemical exchange and structural disorder in layered silicates
599	PA332	Teresa Carlomagno	The INPHARMA method as a novel and powerful tool for pharmacophore mapping
600	BM99	Clara M. Santiveri	NMR STRUCTURE OF THE N-TERMINAL SH3 DOMAIN OF Nck AND STUDY OF ITS INTERACTION WITH CD3.
601	GE16	Takashi Nakamura	Improvement of magnetic field homogeneity for NMR on bulk superconducting magnet
602	MA268	Mario Engelsberg	Geometry and dynamics of adsorbed water in Na-fluorhectorite clay hydrates
603	MA269	Aurore Rudolf	⁵⁷ Co nuclear magnetic resonance of nanostructures
604	BM100	David Turner	Solution structures of the oxidized and reduced forms of D. desulfuricans cytochrome c3
605	BM101	Oliver Ohlenschlaeger	NMR SOLUTION STRUCTURE OF A TYPE-B METHIONINE SULFOXIDE REDUCTASE
606	CO184	M. Isabel Nieto	Heteronuclear coupling constants studies for the relative stereochemistry determination in 1,2 and 1,3 acyclic nitrogen chiral centers.
607	FR212	Dirk Stratmann	NOENet : Fast assignment of NMR backbone resonances for proteins with known 3D structure
608	GE17	Eurico J. Cabrita	Molecular Interactions and CO ₂ -Phility in Supercritical CO ₂ . A High-Pressure NMR and Molecular Modeling Study of a Perfluorinated Polymer in scCO ₂
609	SM391	Jose Adrian Gavin Sazatornil	Evaluation of alfa- and beta-glucosidases inhibitory activities by Saturation Transfer Difference NMR (STD-NMR) experiments
610	BM102	Manuel Rico	Resonance assignment, solution structure and H/D exchange of eosinophil cationic protein
611	PS315	Pablo J. Alonso	ESEEM STUDY OF S1 AND S2 OF PHOTOSYSTEM II
612	SM392	Fernando López-Ortiz	⁷ Li and ¹ H PGSE Diffusion Measurements on Dinaphthylphosphinamide Lithium Complexes
613	BM103	Raphael Stoll	Preliminary structural characterisation of the 33 kDa protein
614	BM104	Galya Ivanova	Probing diffusion ordered spectroscopy for the analysis of cancer related biological samples
615	BM105	R. Andrew Byrd	A New Strategy for Selective Isotopic Labeling of PHE Side Chains
616	BM106	R. Andrew Byrd	Structural Studies of the N-terminal domain of STAT proteins
617	BM107	Hugo van Ingen	Recognition of K4-trimethylated histone H3 by the TAF3 PHD finger
618	PA333	Krisztina Fehér	Application of isotope edited and filtered STD NMR experiments for ligands with overlapping signals
619	GE18	Luis Fonseca	¹³ C-NMR to monitor online the kinetics of intracellular metabolite pools in response to heat stress: input data for modeling the trehalose cycle in Saccharomyces cerevisiae
620	BM108	David Eliezer	Disorder-to-order transitions in the Parkinson's and Alzheimer's proteins synuclein and tau
621	BM109	Miquel E. Cabañas	Interaction of 6-fluoroquinolones with DPPC liposomes: ³¹ P-NMR studies
622	BM110	Miquel E. Cabañas	³¹ P-NMR studies on the bilayer and non-bilayer phase behaviour of phospholipid model membranes.
623	SM402	Miquel E. Cabañas	VALENCE TAUTOMERIC COMPLEXES STUDIED BY ¹ H-NMR
624	BS158	Kazuhiko Yamada	A solid-state ¹⁷ O NMR study of small biological solids
625	RE356	Giuseppe Pileio	Long-lived spin states: beyond T1 and deeper into relaxation theory.
626	DY196	Zdzislaw Lalowicz	DEUTERON NMR SPECTRA AND SPIN-LATTICE RELAXATION IN (ND ₄) ₂ PdCl ₆ AND (ND ₄) ₂ PtCl ₆ - AN EVIDENCE FOR ORDER-DISORDER PHASE TRANSITIONS
627	DY197	Zdzislaw Lalowicz	DEUTERON NMR STUDY OF D ₂ O COMPLEX MOBILITY IN ZEOLITES
628	PS316	Klaus Zangger	Determination of peptide orientation and location in micelles by paramagnetic relaxation enhancements
629	RE357	Zdzislaw Lalowicz	COUPLED RELAXATION OF THE T AND A+E MAGNETISATIONS OF
630	PS317	Tobias Madl	Structure Determination of Proteins using Paramagnetic Relaxation Enhancements Induced by an Inert and Soluble Paramagnetic Agent
631	BM111	Hans Wienk	Function and allostery of the Epac1 cAMP-binding domain
632	BM112	Nanna Alho	THE NMR STUDY OF INTERACTIONS BETWEEN TIM MONOMERS AND α-HYDROXY KETONES
633	MS298	Hideyuki SHINAGAWA	Field Stabilization of Superconducting Magnet for High Resolution Solid State NMR with External Field-Lock
634	SM393	Sampo Mattila	Characterisation of Metabolic Compounds produced by Endophytic Fungi in Scots Pine with 1D- and 2D- NMR
635	SM394	Pablo Sansores Peraza	STRUCTURAL CHARACTERISATION THROUGH MMR OF NOVEL MONO-, DI- AND TRY-STANNYLPHOSPHAZENES
636	BM113	Birgit Claasen	NMR Spectroscopy of Large Proteins: Human Prolyl Oligopeptidase
637	CO185	Petri Tähtinen	DFT Calculation of Spin-spin Coupling Constants in Phosphorus Compounds
638	GE19	Klaus Strobel	In vivo measurement of spin-spin relaxation time for localized PRESS magnetic resonance spectroscopy (MRS) of lipids

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639	HS218	Rafal Panek	Optimization of dissolution DNP for fast 2D NMR experiments
640	CA169	Jan Meine Ernsting	An improved sapphire high-pressure NMR tube.
641	PA334	ADRIAN PIRNAU	Diffusion and relaxation processes in core – shell nanocapsules
642	PA335	Teresa Tarragó	Identification of traditional Chinese medicinal plants with prolyl oligopeptidase activity using 19F-NMR.
643	MA270	João Antonio Ferreira Martins	Sodium dynamics in different swollen degrees of crosslinked polyacrylate ionic hydrogels
644	BM114	Gyula Batta	NMR Structure and Dynamics of the Antifungal Protein PAF
645	MA271	Emilie BEKAERT	7Li and 31P MAS NMR in lithiated transition metal phosphides.
646	RE358	Juhani Lounila	Characterization of porous materials by the relaxation time of SF ₆
647	PS318	Sergey Milikisiyants	A multi-frequency EPR study of Co(II)S ₄ coordination
648	BM115	Martina Palomino Schätzlein	Determination of the oligomerisation state of short cationic peptides with antimicrobial activity using diffusion NMR
649	MA272	Emilie Bekaert	7Li MAS NMR in lithiated nanosized anatase TiO ₂ .
650	HS219	Giuseppe Annino	Open single-mode resonators at millimeter wavelengths and their application to high-field EPR
651	CO186	Nicolau Cañellas	Affinity propagation algorithms: A new way to classify 1H NMR metabonomics data on serum lipoproteins and metabolic syndrome
652	DY198	Agnieszka Szczygiel	NMR characterization of dispersant - particle interactions in the colloidal dispersions
653	BM116	Jesper Lind	Phospholipid Bilayer Interaction of Dynorphins Investigated with Saturation Transfer Difference Experiments
654	CA170	Qingxia Gong	Diffusion and Relaxation Studies on the Ionic Liquid-CO ₂ System
655	CA171	Teresa Blasco	Investigating the Beckmann rearrangement reaction using porous solids as catalysts by solid state NMR and theoretical calculations
656	BM117	Sofia R. Pauleta	NMR solution structure of the apo-form of the Desulfovibrio gigas orange protein
657	PS319	Donatella Carbonera	Identification by Time-resolved EPR of Chlorophyll – Carotenoid Pairs involved in Triplet-Triplet Transfer in Photosynthetic Antenna Proteins
658	BM118	José Daniel Figueroa-Villar	Structural Studies of PK2 Peptide: A Human Plasminogen Region that Interacts with Yersinia pestis
659	CO187	Jesus Brezmes	A probabilistic approach to the assessment of metabolic syndrome using 1H NMR spectroscopy and Fuzzy Artmap neural networks
660	BM119	Thomas Seiboth	Structural investigations of human papillomaviral E7 oncoproteins
661	IM237	Ernesto Danieli	Single-sided NMR sensor with a moderate static gradient suitable for single-shot profiling
662	HS220	Carlos Pacheco	Structural environments of carboxyl groups in natural organic molecules from terrestrial systems by 2D NMR spectroscopy
663	GE20	José Daniel Figueroa-Villar	Shessloc: A Simple Sequence for the Determination of Selective Simultaneous Short and Long Range Heteronuclear Correlations
664	CO188	Carina Rabelo Martins	NMR, IR SPECTROSCOPY AND THEORETICAL INVESTIGATION ON THE CONFORMATIONAL ANALYSIS OF L-ASPARTATE AND L-PROLINATE METHYL ESTERS
665	BM120	Dorila Piló-Veloso	STRUCTURAL STUDIES OF ANTIMICROBIAL PHYLLLOSEPTIN PEPTIDES BY CIRCULAR DICHROISM AND SOLUTION NMR
666	MA273	Erhard T.K. Haupt	Interaction of Porous Capsules with Molecular Plugs
667	BM121	Rasia Rodolfo	From gene to 3D fold using automated cloning, labeling and fast NMR methods: application to the study of plants microRNA processing protein HYL1
668	BM122	Helena Kovacs	¹³ C-detected experiments for resonance assignment of labelled RNA
669	BM123	Ramon Campos-Olivas	NMR studies of the structure, dynamics and interactions of the 90 kDa homotrimeric human PCNA
670	GE21	Ilka Varnay	Structure Determination of a 95kDa Homo-hexamer
671	BM124	Manolis Matzapetakis	Study of the 480 KDa Ferritin with liquid and solid NMR
672	BM125	Anita Marsaioli	Type IV Protein Secretion Pathway: does Xac use it?
673	DY199	Carolina Silva	CONFORMATIONAL VARIABILITY OF THE ANTICOCCIDIAN PEPTIDE PW2 IN SOLUTION STUDIED BY NMR AND MOLECULAR DYNAMICS
674	HS221	Angel Joaquin Perez-Linde	Efficiency of low temperature dynamic nuclear polarisation
675	MS299	Mihaela Aluas	The Effect of Multiple Contacts upon 1H-1H Magnetization Exchange in Rotating Solids
676	GE22	Ana Rute Neves	Engineering Lactococcus lactis to optimize removal of galactose from dairy products: guidelines from in vivo NMR
677	BS159	Vladimir Ladzhansky	Solid-state NMR structural studies of membrane-bound myelin basic protein
678	IM238	Yanurita Dwihapsari	On the Use of Multiple Spin-Echo Turbo Spectroscopic Imaging for Absolute Quantification of Proton MR Spectra in Patients with Multiple Sclerosis
679	CO189	Miquel E. Cabañas	jMRUI - A program for the time-domain analysis of in vivo MR data
680	BM126	Jose Manuel Perez Canadillas	THE C-TERMINAL DOMAIN OF CSTF-64 FORMS A NEW STRUCTURE CRITICAL FOR mRNA 3'-END PROCESSING.
681	RE359	Mumdooh Ahmed	Solution NMR studies of secondary structure and dynamics of the BG21 isoform of Golli myelin basic protein
682	DY200	Alfred Redfield	Mesodynamics in a Region the N-terminal Domain of Severe Acute Respiratory Syndrome (SARS) Coronavirus Nucleocapsid Protein
683	BS160	Tina Pavlin	Determination of time-dependent diffusion, T ₂ and compartmentation in rat myocardium
684	RE360	Alfred Redfield	Dynamics and Structure of Membrane Phospholipids, and their Interaction with a Phospholipase, using High Resolution Field Cycling Relaxometry
685	GE23	Rosana Gomes	1H NMR SPECTROSCOPY AND MULTIPLE LINEAR REGRESSION (MLR) TO PREDICTE PROPERTY OF BRAZILIAN DIESEL SAMPLES
686	BM127	Fábio Almeida	Structural Studies Of Thioredoxins 1 And 2 From Saccharomyces Cerevisiae During The Interaction With Their Cellular Targets
687	HS222	James Leggett	Extension of a dissolution DNP polariser for improved monitoring and controlling functionality
688	DY201	Eduardo deAzevedo	Intermediate Motions as Studied by Solid-State Separated Local Field NMR Experiments

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689	BS161	Mumdooh Ahmed	Solid state NMR studies of myelin basic protein and its interactions with actin
690	BM128	Maria Concistre'	Double-quantum NMR of the first photointermediate in vision: Bathorhodopsin
691	BM129	Douglas Laurents	Putative Proteins from the Prebiotic Earth: Simple but Specific
692	MA274	Ramona Orza	INVESTIGATION OF PEROXIDE-CURED EPDM RUBBER BY SOLID-STATE NMR
693	SM395	Gonçalo Graça	NUCLEAR MAGNETIC RESONANCE (NMR) SPECTROSCOPY FOR CHARACTERIZATION OF HUMAN AMNIOTIC FLUID AND PRE-NATAL DIAGNOSTICS
694	RE361	Bernhard Brutscher	HET-SOFAST NMR for fast detection of structural compactness and heterogeneity along polypeptide chains
695	HS223	Cristina Gabellieri	Hyperpolarised N-15 choline - potential biomarker for phospholipid
696	BM130	Mikael Feracci	Analyze of interaction between human galectin-1 and sugars by NMR and ITC.
697	HS224	João Rodrigues	APPLICATION OF NMR METHODS FOR THE QUALITY CONTROL OF BEER AND MONITORING OF THE BREWING PROCESS
698	HS225	Nadia Amor	Enhancing MRI and NMR of hyperpolarized ¹²⁹ Xe dissolved in biorelevant liquids by means of hollow fiber membranes
699	BM131	Thomas Hackl	NMR Spectroscopic Characterization of Protein Binding to Hydrophobic Ligands in Aqueous Solution
701	BM132	Antonio Donaire	Function/Structure Relationships in the Unfolded Process of Rusticyanin
702	BM133	Marcus Almeida	Beyond Genomes: Structure and Function of Human Cancer Related Proteins
703	BM134	Simona Tomaselli	Determinants of binding and dynamics in bile acid binding proteins
704	MS300	Rasmus Linser	¹ H detected solid state NMR of diluted spin systems made applicable by paramagnetic relaxation enhancement
705	MS301	Thomas J. Ball	Nuclear Overhauser effect (NOE) enhancement of solid-state ¹¹ -B NMR spectra of borane adducts
708	BM135	Mike Williamson	Solution structure of macromolecules at high pressure based on NMR chemical shift
709	SM396	Alexei Buevich	Structural NMR studies of small molecule dimers: problems, challenges, solutions
710	BM136	Solmaz Sobhanifar	Structural Study of the C-terminal Fragment of Presenilin
711	CO190	José C. Martins	Atomistic prediction and NMR validation of the structure of the Advillin headpiece and its Pro62Ala mutant
712	BM137	Calin Gabriel Floare	The inclusion complexation of desferrioxamine B chelator and beta-cyclodextrin studied by ¹ H NMR
713	SM397	Anne Schuetz	Relative configuration of flexible molecules determined by RDC-enhanced NMR
714	SM398	Bozhana Mikhova	DFT/GIAO/NBO -syn-axial effect in disubstituted dand ¹³ C NMR study of the adamantanes
715	BM138	Pedro M Nieto	THE INTERACTION BETWEEN DC-SIGN LECTIN AND MANNANOSE OLIGOSACCHARIDES STUDIED BY NMR
716	MS302	Gregor Mali	Measuring distances between half-integer quadrupolar nuclei
720	BM139	Carmen Giovana Granados	Structural and activity implications of hydrophobic core mutations in Staphylococcal B Domain
721	MA275	Siri Schauff	Solid-state NMR spectroscopy of phosphonic acids
723	BM140	Natália Carulla	Understanding the mechanisms of amyloid fibril formation. The PI3-SH3 case
724	PA336	Eiso Ab	Target Immobilized NMR Screening (TINS): New Opportunities for Fragment Based Drug Discovery
725	SM399	Peter Haberz	Determination of the Relative Configuration of flexible Diastereomers with Residual Dipolar Couplings
726	HS226	Krzysztof Kazmierczuk	Lineshapes and Artifacts in Multidimensional Fourier Transform of Arbitrary Sampled NMR Data Sets
727	MS303	Janko Luznik	¹⁴ N NQR STUDIES OF STABILIZERS DPA, METHYL- AND ETHYL-CENTRALITE
728	BM141	Senada Nozinovic	The solution structure of the (cUUCGg)-Tetraloop with optimized water refinement protocol and conformational analysis of ¹ J scalar coupling in RNA
729	MA276	Tereza Cristina de Farias Guima	High-Resolution Solid-State NMR Studies of Nanocomposite Materials
730	DY202	Nils-Alexander Lakomek	A second relaxation process in ubiquitin at 110 ns: Is there a concerted motion across the beta-sheet?
731	DY203	Nils-Alexander Lakomek	Methyl Group RDCs Reveal Large-Amplitude Side Chain Dynamics in Ubiquitin
732	IM239	Achim Koch	Parahydrogen Induced Polarization of Drug Compounds for MRI
733	BM142	Isabella Felli	Protonless biomolecular NMR: attractive alternative to the traditional methodology
734	BS162	Christoph Kaiser	Structural Investigation using High Resoluion MAS-NMR methods of the integral, alpha-helical membrane Protein Diacylglycerol Kinase reconstituted into Liposomes
735	SM400	Hiroaki Utsumi	Analysis of the Heterodimeric Capsule - Guest Complexation
736	BM143	Carles Fernández de Alba	Identification of key residues involved in the formation of the nucleoid associated H-NS/Hha regulatory complex
737	BM144	David Castaño Mayán	Thiocyanate induced Chemical Shift Perturbation encodes structural information
738	BM145	Xavier Tadeo	Tuning ProT _L thermostability by a rational modification of the protein hydrating layer
739	BM146	Jascha Blobel	The dynamic character of a low molecular weight Phosphatase studied in an Arginine and Glutamic Acid containing buffer
740	BM76	Tiago Cordeiro	Non-local effects on Hha binding to H-NS
741	CO191	Rainer Haessner	Long term registration of environmental and spectrometer relevant parameters
742	SM401	Sergio Gil Caballero	Enantiodiscrimination by NMR: New modular tweezers with a highly chiral cavity. The di-(R,R)-1-[10-(1-hydroxy-2,2,2-trifluoroethyl)-9-anthryl]-2,2,2-trifluoroethyl phthalates.
None	GE24		

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None	BM148		
None	BM149		
None	BS163		
None	CA172		
None	DY204		
None	HS227		
None	IM240		
None	MA277		
None	MA278		
None	MS304		
None	PS320		
None	PA337		
None	RE362		