



Slovenian NMR Centre @ National Institute of Chemistry, Ljubljana, Slovenia

Research | 2002

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LIST OF PROGRAMS AND PROJECTS FINANCED BY THE MINISTRY OF SCIENCE AND TECHNOLOGY WHICH COLLABORATED WITH NMR CENTER AT NATIONAL INSTITUTE OF CHEMISTRY IN 2002

National Institute of Chemistry

Programs:

1	Folding in dinamika biomolekularnih sistemov P.I.: Franc Avbelj, program no.: P1-0501-0104
2	Molekularno prepoznavanje v bioloskih sistemih P.I.: Jurka Kidric, program no.: P1-0504-0104
3	Oblikovanje polimerov P.I.: Majda Zigon, program no.: P1-0514-0104
4	Sinteza in strukturne raziskave bioloskih makromolekul P.I.: Joze Kobe, program no.: P1-0515-0104
5	Heterogeni katalizatorji P.I.: Venceslav Kaucic, program no.: P1-0516-0104

Projects:

6	NMR studij strukture nukleinskih kislin in njihovih interakcij s kovinskimi ioni P.I.: Janez Plavec, project no.: J1-3309-0104
7	Peptidni inhibitorji lipopolisaharida P.I.: Primoz Pristovsek, project no.: L1-3353-0104
8	Optimizacija inhibitorjev giraze P.I.: Primoz Pristovsek, project no.: L4-3058-0104
9	Raziskava strukturnih lastnosti in izomorfne substitucije v molekulskih sitih z jedrsko magnetno resonanco P.I.: Gregor Mali, project no.: Z1-3277-0104
10	Sinteza in karakterizacija novih redoks katalizatorjev P.I.: Natasa Novak Tusar, project no.: Z2-3457-0104
11	Substituirani polianilini P.I.: Ida Mav, project no.: Z2-3334-0104
12	Novi katalizatorji za pripravo kemijskih intermediatov P.I.: Barbara Mohar, project no.: Z1-3374-0104

Institute Jozef Stefan

Program:

13	Svetloba in snov P.I.: Martin Copic, program no.: P1-0528-0106
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Faculty of Chemistry and Chemical Technology

Programs:

14	Organska kemija P.I.: Slovenko Polanc, program no.: P1-0503-0103
15	Reaktivni intermediati pri reakcijah oksidacije P.I.: Bozo Plesnicar, program no.: P1-0501-0103

Faculty of Pharmacy

Program:

16	Farmacevtska kemija P.I.: Danijel Kikelj, program no.: P1-0502-0787
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Zavod za transfuzijo RS

Project:

17	Prionske bolezni in njihova diagnostika P.I.: Vladka Curin-Serbec, project no.: L3-3435-0311
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Univerzitetni klinicni center Ljubljana

Project:

18	Pokazatelji vnetja in ³¹P NMR spektroskopske spremembe v eritrocitih kritično bolnih otrok P.I.: Metka Derganc, project no.: J3-3482-0312
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Biotechnical faculty

Project:

19	Lesarstvo P.I.: Franc Pohleven, project no.: PO-541-0481
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International projects

20	Use of NMR Spectroscopy in Combination with Computational Methods on Systems of Biological Interest - EU Center of Excellence Coordinator: Janez Plavec, contract no.: ICA1-CT-2000-70034
21	Evropski projekt v okviru 5. okvirnega programa QoL-2001-3 (odobren) Naslov projekta: ANEPID: Antimicrobial endotoxin neutralizing peptides to combat infectious diseases (zacetek izvajanja v letu 2002) Coordinator: Karl Lohner, Graz, odgovoren za slovensko skupino: Roman Jerala
22	Project FIRCA (NIH): Conformational Consequences of a Membrane Environment P.I.: Dale Mierke, ZDA, za slovensko stran: Simona Golic Grdadolnik, Joze Grdadolnik

23	Conformational analysis and drug membrane interactions of bioactive compounds P.I.: Simona Golic Grdadolnik in Thomas Mavromoustakos, (slovensko-grski bilateralni projekt 99001)
24	Cross-polarisation NMR measurements involving quadrupolar nuclei project PROTEUS 2002 P.I.: Gregor Mali and Francis Taulelle
25	Synthesis, structure determination and spectroscopic investigation of porous materials project PROTEUS 2002 P.I.: Venceslav Kaucic and Frédéric Thibault - Starzyk
26	Bilateralno sodelovanje Slovenija-Italija na področju analize vin (J. Kidric in prof. A. Sacco)
27	Nove metodologije za asimetrično elektrofilno fluoriranje projekt PROTEUS 2002 –2. leto P.I.: Barbara Mohar

Contracts with partners from industry

Krka d.d., Novo mesto

28	Krka d.d., contract no.. II/2-106624/01-02 P.I.: Roman Jerala
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Salonit, Anhovo

29	Pogodba o sodelovanju med Solonitom Anhovo in Laboratorijem za anorgansko kemijo in tehnologijo na Kemijskem inštitutu P.I.: Venceslav Kaucic
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Rhodia Organique Fine, Francija

30	Lactic acid derivatives for fragrances P.I.: Barbara Mohar
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PhosPhoenix SARL, Francija

31	Development of industrial processes based on homogenous catalysis P.I.: Barbara Mohar
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