

Regional Biophysics Meeting 2005

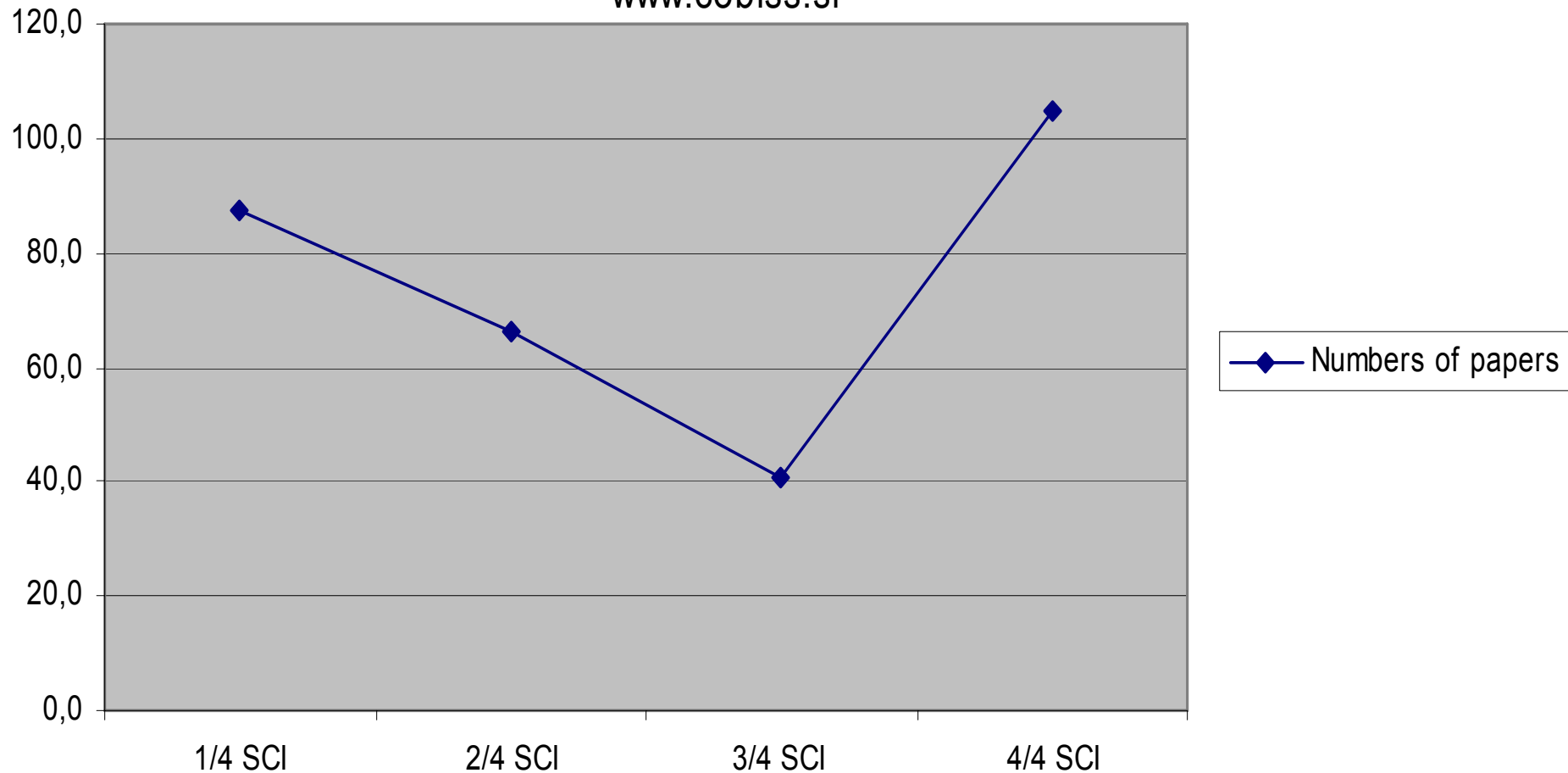
**SLOVENIAN BIOPHYSICS
SOCIETY
AND
INTERDISCIPLINARITY**

**Dr. Franci Demšar,
director of Slovenian Research Agency**

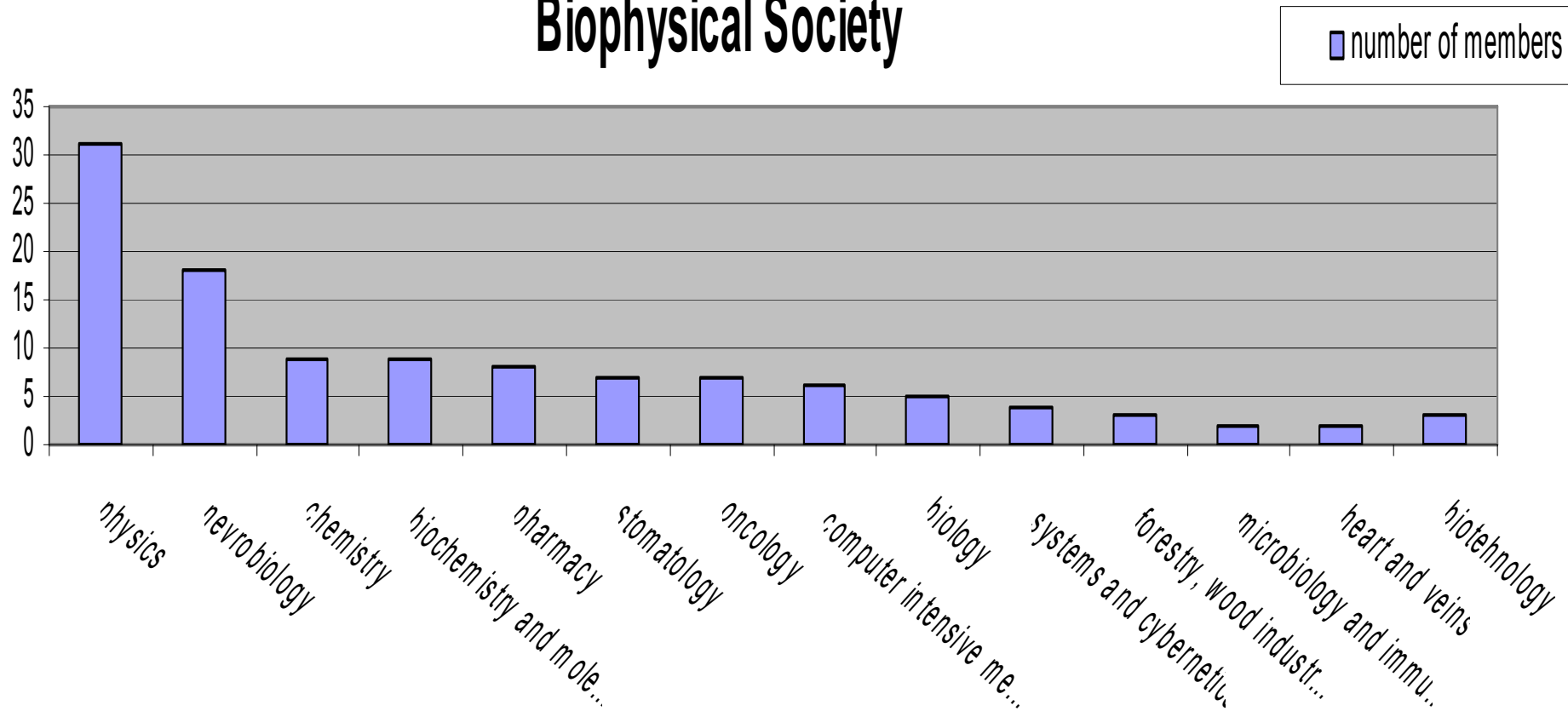


Scientific production of Slovenian biophysists (120), SCI papers, (N=300) 2000-2005

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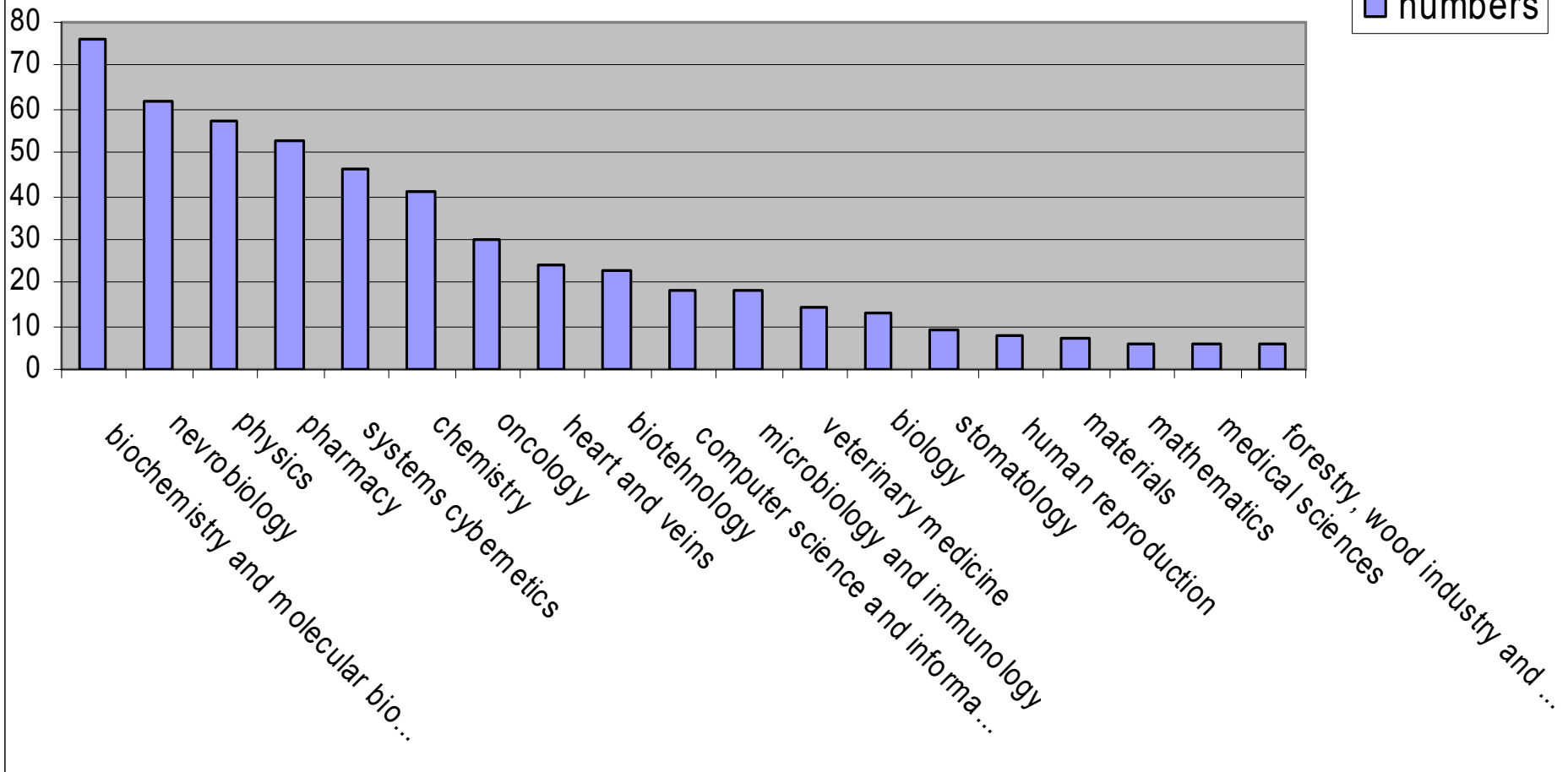


Structure of INTRA - Disciplinary profile of Members of Slovenian Biophysical Society



Structure of INTER - disciplinary profile of Slovenian biophysics co-authors from other sciences, 2000 - 2005

numbers



Scientific production of Slovenian biophysics, 2000-2005

Research fields	1/4 SCI
physics	37
neurobiology	12
chemistry	8
biochemistry and molecular biology	7
systems and cybernetics	5
pharmacy	4
stomatology	4
oncology	3
biology	2
computer intensive methods and applications	2
public health care	1
forestry, wood industry and paper industry	1
heart and veins	1



The top productive Slovenian biophysists by 1/4 SCI papers, 2000-2005

Researcher	Research field	1/4 SCI
ROBERT BLINC	physics	6,12
RUDI PODGORNIK	physics	5,76
BOŠTJAN ŽEKŠ	physics	3,71
VITO TURK	biochemistry and molecular biology	3,44
SAMO KRALJ	physics	3,34
UROŠ SKALERIČ	stomatology	3,00
ANDREJ VILFAN	physics	3,00
DAMIJAN MIKLAVČIČ	systems and cybernetics	2,99
ADOLF MIKLAVC	chemistry	2,83
KLEMEN BOHINC	nevrobiology	2,68
JURKICA KIDRIČ	pharmacy	2,37
MILAN HODOŠČEK	chemistry	2,14
MARJETA ŠENTJURC	biochemistry and molecular biology	2,10



INTRA - and INTER - disciplinarity of Slovenian biophysists by scientific papers, 2000-2005

	Researchers	Research fields	Links	Density
Intra-disciplinarity	118	17	942	8,0
Inter-disciplinarity	575	41	2.299	4,0
International co-authors			435	



Conclusions:

- **Slovenian Biophysical Society** shows the reality of today research – INTERDISCIPLINARITY
- **Slovenian Research Agency** will create mechanisms to stimulate interdisciplinary research

Dr. Franci Demšar,
director of Slovenian Research Agency

