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Structures





Total Population	4,284,889	
GDP	US\$ 48.73 billion (2015)	
GDP/Capita	US\$ 11,538.829 (2015)	

Gross exp on R&D	HRK 354,205,837 (2015
	US\$ 5.2 million)
Amount of spending on research	0.79% BDP (2014)
(as part of GDP)	
% private, public and charity	Not available
funding (as part of GDP)	



Number of	9308 researchers (MS/MA or/and PhD degrees) in
researchers	2013, fully employed; 767 part-time; 1093 on contract
Number of	- 119 higher education institutions (8 public
research	universities, 2 private universities, 68 univ. schools and
institutions	art academies, 1 university center at a public university;
	4 private polytechnics; 11 public polytechnics, 22
	private colleges, 2 public colleges)
	- 25 public scientific institutes
	- 70 legal entities outside the system of higher
	education and research (National and University
	Library, Croatian Academy of Sciences and Arts, the
	Lexicographic Institute "Miroslav Krleža"), hospitals and
	healthcare institutions with research units, national
	institutes, archives, museums etc.



Processes





Whether a country	Strategy for Education, Science and Technology of the	
has scientific	Parliament of the Republic of Croatia	
strategy		
National bodies	National Committee for Ethics in Research and Higher	
Education – national body appointed by the Parliament		
	of the Republic of Croatia	
OPINION	NATURENAL AS ARXIVELA 2000	

Laws with implication research in Organization structure of research in

OPINION

NATUREĮVoi 454j31 July 2008

CORRESPONDENCE

These letters respond to the Commentary 'Repairing research integrity' by Sandra L. Titus, James A. Wells and Lawrence J. Rhoades (Nature 453, 980-982; 2008).

Integrity: Croatia's standards unusual in much of Europe

SIR — Sandra Titus and her colleagues argue that a failure emulate the standards already in place elsewhere. In Scandinavia, for example, training in good research practice is mandatory for researchers, as it is in the Biomedical Research Park of Barcelona in Spain. Croatia scientists, Titus and colleagues drastically oversimplify the nature of the problem. They assume that most Xavier Bosch Department of Internal Medicine, Hospital Clinic, Villarroel 170, O8036 Barcelona, Spain e-mail: xavbosch@clinic.ub.es





Environment



Number of researchers and others involved in research	Unknown
integrity	
Percentage of postdoctoral	Not available
students who get paid	
positions	
Percentage of grant success	~30% (2014)
for applications to national	
funders	
Budget of funding agencies	CSF: ~ HRK 100 million (2105
	US\$ 12 million)
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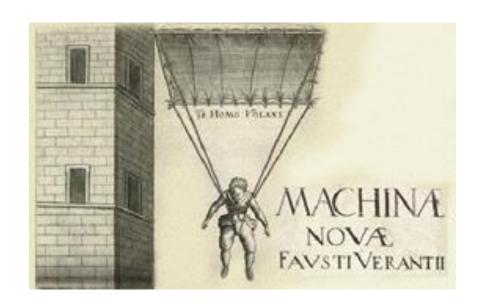


National code of research conduct and how it is disseminated and enforced	Ethics code of the Committee for Ethics in Research and Higher Education
Whether there is training and education in research integrity, whether it is mandatory and for whom, and by whom it is requested if so, and whether such training is evaluated and monitored	No training required
How and by whom investigations of alleged misconduct and undesirable conduct are done, and whether outcomes of proven misconduct are publicly available	Committee for Ethics in Research and Higher Education Institutions
Degree of cooperation between institutions	Not known
Protection of whistleblowers	Not addressed in regulations related to RI
Designated research integrity officers in institutions, whether they are mandatory, and who educates them	Not defined

Whether there is research into research integrity and how much funding is there for it and who funds	None
Annual meetings on research integrity	None
Is mandatory registration of clinical trials and other research and of result	Registration mandatory only for medicines, as defined by the Ordinance on Clinical Trials of Medicines and Good Clinical Practice
Open and accessible data	No



Outcomes





Incentives for institutions or individuals or both based on research outputs, including research assessment frameworks and exercises	Yes for institutions, part of accreditation procedure
Is research integrity part of institutional quality assessment?	Not so far, but possible
Is there research impact assessment and translation of research findings to the community?	Yes
What is the public's perception of research integrity in their country, what is their trust in science?	Low
Is research integrity discussed in the lay press	Yes, in relation to scandals
Are there rewards for collaborative science and incentives for networks	Not known
Efforts to increase the value of research to society and reduce wasteful research.	Not known
Disincentives	Corruption in academia
Resources	None official or systematic

Thank you!



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