

## Convocatoria Centros de Excelencia Severo Ochoa y Unidades de Excelencia María de Maeztu 2015

ÁREA: CIENCIAS DE LA VIDA						
Subárea científica	Categoría científica	2011	2012	2013	2014	2015 <sup>(e)</sup>
Agricultural and Biological Sciences	Agronomy and Crop Science	4.52	3.00	1.50	0.31	0.31
	Animal Science and Zoology	4.56	2.69	1.38	0.31	0.31
	Aquatic Science	6.94	4.43	2.14	0.48	0.49
	Ecology, Evolution, Behavior and Systematics	8.07	5.03	2.49	0.55	0.56
	Food Science	6.51	4.10	1.79	0.39	0.37
	Forestry	6.51	4.25	2.04	0.38	0.42
	Horticulture	3.60	1.93	0.94	0.18	0.19
	Insect Science	4.69	2.92	1.62	0.36	0.36
	Plant Science	7.02	4.65	2.28	0.48	0.49
	Soil Science	6.60	4.56	2.13	0.41	0.42
Veterinary	Equine	5.61	3.19	1.51	0.37	0.42
	Food Animals	4.89	2.75	1.33	0.29	0.27
	Small Animals	3.61	2.24	0.95	0.17	0.20
Environmental Science	Ecological Modeling	10.84	7.19	3.24	0.67	0.63
	Ecology	7.60	4.99	2.23	0.51	0.51
	Environmental Chemistry	11.79	7.78	3.44	0.71	0.64
	Environmental Engineering	5.92	4.15	1.96	0.41	0.36
	Global and Planetary Change	11.16	6.84	3.43	0.63	0.72
	Health, Toxicology and Mutagenesis	9.03	5.61	2.51	0.41	0.46
	Management, Monitoring, Policy and Law	5.93	3.85	1.97	0.46	0.42
	Nature and Landscape Conservation	6.22	4.05	2.06	0.43	0.43
	Pollution	8.06	5.81	2.51	0.55	0.49
	Waste Management and Disposal	9.25	5.89	2.42	0.51	0.46
Water Science and Technology	5.97	3.88	1.80	0.37	0.37	

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Biochemistry, Genetics and Molecular Biology	Aging	10.98	7.46	3.73	0.84	0.84
	Biochemistry	12.05	8.09	3.88	0.79	0.78
	Biophysics	9.46	6.43	3.11	0.67	0.64
	Biotechnology	8.79	5.69	2.78	0.59	0.56
	Cancer Research	13.34	8.59	4.26	0.80	0.86
	Cell Biology	14.58	9.50	4.59	0.93	0.96
	Clinical Biochemistry	8.66	5.90	3.01	0.59	0.61
	Developmental Biology	13.14	8.48	4.00	0.79	0.85
	Endocrinology	10.68	7.16	3.45	0.73	0.72
	Genetics	12.18	7.84	3.79	0.75	0.80
	Molecular Biology	12.39	7.99	3.97	0.79	0.83
	Molecular Medicine	12.03	7.79	4.01	0.78	0.81
	Physiology	11.09	7.27	3.63	0.74	0.77
Structural Biology	10.96	6.67	3.24	0.66	0.67	
Immunology and Microbiology	Applied Microbiology and Biotechnology	6.75	4.68	2.37	0.46	0.46
	Immunology	14.94	9.36	4.68	1.01	1.01
	Microbiology	9.31	6.60	3.06	0.58	0.63
	Parasitology	8.70	5.73	2.88	0.57	0.59
	Virology	11.13	7.38	3.91	0.77	0.81
Medicine	Anatomy	6.07	3.88	2.12	0.58	0.51
	Anesthesiology and Pain Medicine	7.18	4.75	2.39	0.55	0.56
	Biochemistry (medical)	8.87	6.04	2.99	0.60	0.60
	Cardiology and Cardiovascular Medicine	9.94	6.86	3.28	0.73	0.74
	Critical Care and Intensive Care Medicine	9.58	6.56	3.43	0.71	0.77
	Dermatology	5.33	3.55	1.76	0.40	0.39
	Embryology	6.92	4.32	1.83	0.40	0.40
	Emergency Medicine	4.25	2.81	1.37	0.33	0.32
	Endocrinology, Diabetes and Metabolism	11.22	7.52	3.74	0.81	0.80

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Subárea científica	Categoría científica	2011	2012	2013	2014	2015 <sup>(e)</sup>
Medicine	Epidemiology	11.21	6.45	3.40	0.76	0.74
	Family Practice	3.75	2.62	1.28	0.34	0.36
	Gastroenterology	8.73	6.11	3.03	0.64	0.63
	Genetics (clinical)	14.03	8.98	4.32	0.84	0.90
	Geriatrics and Gerontology	8.33	5.25	2.57	0.65	0.60
	Health Informatics	2.41	2.24	1.16	0.35	0.26
	Health Policy	5.38	3.46	1.68	0.38	0.41
	Hematology	12.10	7.92	3.91	0.82	0.88
	Hepatology	11.38	7.96	3.98	0.95	0.87
	Histology	6.43	4.39	2.14	0.43	0.47
	Immunology and Allergy	12.91	8.26	4.17	0.97	0.94
	Infectious Diseases	9.75	6.64	3.31	0.70	0.72
	Internal Medicine	10.29	7.07	3.78	0.90	0.87
	Microbiology (medical)	9.92	6.41	3.00	0.63	0.64
	Nephrology	9.27	6.03	2.82	0.65	0.66
	Neurology (clinical)	9.19	5.92	2.83	0.59	0.61
	Obstetrics and Gynecology	6.73	4.27	2.17	0.43	0.44
	Oncology	11.69	7.56	3.73	0.72	0.75
	Ophthalmology	6.08	3.81	1.74	0.35	0.35
	Orthopedics and Sports Medicine	6.68	4.03	1.92	0.38	0.36
Otorhinolaryngology	4.11	2.70	1.22	0.26	0.25	
Pathology and Forensic Medicine	6.55	4.34	2.05	0.40	0.43	
Pediatrics, Perinatology and Child Health	5.59	3.52	1.73	0.37	0.38	
Pharmacology (medical)	7.55	5.26	2.48	0.53	0.55	
Physiology (medical)	11.67	7.62	3.68	0.77	0.79	

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Subárea científica	Categoría científica	2011	2012	2013	2014	2015 <sup>(e)</sup>
Medicine	Psychiatry and Mental Health	8.33	5.26	2.55	0.56	0.55
	Public Health, Environmental and Occupational Health	6.04	3.69	1.85	0.41	0.40
	Pulmonary and Respiratory Medicine	8.48	6.07	3.02	0.64	0.68
	Radiology, Nuclear Medicine and Imaging	6.69	4.20	2.12	0.46	0.44
	Rehabilitation	5.63	3.19	1.68	0.35	0.33
	Reproductive Medicine	8.23	5.24	2.70	0.51	0.56
	Rheumatology	11.32	7.16	3.23	0.78	0.78
	Surgery	5.64	3.70	1.74	0.33	0.33
	Transplantation	9.26	6.08	3.04	0.59	0.64
	Urology	7.38	4.65	2.50	0.55	0.55
Neuroscience	Behavioral Neuroscience	10.60	6.77	3.14	0.63	0.68
	Biological Psychiatry	12.61	7.61	3.77	0.73	0.75
	Cellular and Molecular Neuroscience	12.81	8.39	4.12	0.89	0.89
	Cognitive Neuroscience	13.99	9.20	3.87	0.91	0.94
	Developmental Neuroscience	10.09	6.18	3.18	0.69	0.71
	Endocrine and Autonomic Systems	10.82	7.68	3.41	0.72	0.78
	Neurology	10.95	7.32	3.32	0.70	0.74
	Sensory Systems	8.75	5.24	2.48	0.52	0.51
Pharmacology, Toxicology and Pharmaceutics	Drug Discovery	8.31	5.81	2.81	0.58	0.57
	Pharmaceutical Science	6.44	4.54	2.10	0.38	0.41
	Pharmacology	8.55	5.84	2.94	0.63	0.63
	Toxicology	8.98	5.82	2.95	0.58	0.59

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AREA: MATEMÁTICAS, CIENCIAS EXPERIMENTALES E INGENIERIAS						
Subárea científica	Categoría científica	2011	2012	2013	2014	2015 <sup>(e)</sup>
Earth and Planetary Sciences	Atmospheric Science	9.80	6.33	3.00	0.62	0.68
	Computers in Earth Sciences	7.86	6.35	3.11	0.70	0.64
	Earth-Surface Processes	6.75	4.72	2.26	0.51	0.52
	Economic Geology	4.76	3.25	1.52	0.51	0.44
	Geochemistry and Petrology	6.39	4.28	2.34	0.49	0.49
	Geology	5.89	3.74	1.84	0.48	0.46
	Geophysics	6.63	4.93	2.36	0.53	0.53
	Geotechnical Engineering and Engineering Geology	2.21	1.55	0.68	0.16	0.14
	Oceanography	7.42	4.53	2.32	0.55	0.56
	Paleontology	8.03	5.34	2.55	0.51	0.57
	Space and Planetary Science	9.13	6.68	3.62	0.89	0.91
	Stratigraphy	7.04	4.81	2.28	0.59	0.64
Energy	Energy Engineering and Power Technology	4.23	2.89	1.55	0.43	0.31
	Fuel Technology	5.54	3.54	1.79	0.49	0.37
	Nuclear Energy and Engineering	6.07	3.85	2.00	0.67	0.47
	Renewable Energy, Sustainability and the Environment	9.51	6.58	3.77	0.87	0.71
Computer Science	Artificial Intelligence	3.46	2.22	1.06	0.25	0.23
	Computational Theory and Mathematics	4.15	3.27	1.56	0.31	0.32
	Computer Graphics and Computer-Aided Design	2.87	2.17	1.02	0.15	0.16
	Computer Networks and Communications	1.90	1.35	0.64	0.12	0.13
	Computer Science Applications	4.08	2.71	1.34	0.26	0.27
	Computer Vision and Pattern Recognition	2.74	1.81	0.84	0.20	0.16
	Hardware and Architecture	2.58	1.94	0.92	0.19	0.21
	Human-Computer Interaction	2.64	1.69	0.77	0.16	0.15
	Information Systems	2.72	1.72	0.91	0.16	0.17
	Signal Processing	3.08	2.14	1.14	0.24	0.21
	Software	4.54	2.61	1.25	0.23	0.24

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Subárea científica	Categoría científica	2011	2012	2013	2014	2015 <sup>(e)</sup>
Engineering	Aerospace Engineering	2.49	1.55	0.76	0.16	0.16
	Automotive Engineering	2.52	1.68	0.86	0.18	0.16
	Biomedical Engineering	5.89	4.16	2.45	0.60	0.48
	Civil and Structural Engineering	3.53	2.38	1.28	0.33	0.27
	Computational Mechanics	4.25	2.80	1.31	0.25	0.27
	Control and Systems Engineering	2.80	1.98	1.04	0.21	0.19
	Electrical and Electronic Engineering	3.46	2.53	1.28	0.27	0.25
	Industrial and Manufacturing Engineering	3.15	2.42	1.16	0.26	0.23
	Mechanical Engineering	4.60	3.27	1.74	0.37	0.33
	Mechanics of Materials	5.79	3.94	2.08	0.44	0.39
	Ocean Engineering	2.06	1.81	0.73	0.18	0.18
	Safety, Risk, Reliability and Quality	2.35	1.67	0.81	0.18	0.17
	Media Technology	1.74	1.25	0.86	0.16	0.15
	Building and Construction	3.13	2.02	0.94	0.23	0.20
	Architecture	0.74	0.47	0.19	0.05	0.04
Chemical Engineering	Bioengineering	11.56	7.83	3.57	0.80	0.72
	Catalysis	21.48	14.44	7.08	1.40	1.32
	Chemical Health and Safety	3.14	3.36	2.10	0.18	0.32
	Colloid and Surface Chemistry	24.06	17.10	7.93	1.48	1.45
	Filtration and Separation	10.41	6.94	3.30	0.66	0.56
	Fluid Flow and Transfer Processes	3.05	2.71	1.21	0.33	0.27
	Process Chemistry and Technology	6.88	5.02	2.33	0.66	0.49
Chemistry	Analytical Chemistry	9.23	6.24	2.93	0.59	0.54
	Electrochemistry	12.23	8.29	4.44	0.87	0.79
	Inorganic Chemistry	8.31	6.06	3.02	0.59	0.57
	Organic Chemistry	9.57	6.53	3.30	0.68	0.64
	Physical and Theoretical Chemistry	10.07	6.67	3.46	0.73	0.68
	Spectroscopy	8.70	6.03	2.98	0.56	0.54

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Materials Science	Biomaterials	12.61	8.92	4.31	0.83	0.79
	Ceramics and Composites	10.13	6.20	3.57	0.72	0.65
	Electronic, Optical and Magnetic Materials	6.25	4.28	2.13	0.46	0.43
	Materials Chemistry	8.09	5.54	2.55	0.57	0.50
	Metals and Alloys	6.75	4.40	2.22	0.52	0.44
	Polymers and Plastics	6.94	4.83	2.59	0.52	0.46
	Surfaces, Coatings and Films	9.66	6.34	3.13	0.64	0.59
	Nanoscience and Nanotechnology	16.09	11.12	5.59	1.08	0.97
Mathematics	Algebra and Number Theory	2.28	1.55	0.81	0.17	0.19
	Analysis	3.59	2.48	1.10	0.24	0.27
	Applied Mathematics	3.64	2.42	1.16	0.25	0.27
	Computational Mathematics	5.57	3.85	1.68	0.41	0.40
	Control and Optimization	3.16	2.08	0.92	0.20	0.20
	Discrete Mathematics and Combinatorics	2.35	1.80	0.82	0.20	0.21
	Geometry and Topology	2.87	2.01	1.02	0.20	0.24
	Logic	3.64	1.45	0.99	0.19	0.19
	Mathematical Physics	4.01	2.49	1.45	0.30	0.35
	Modeling and Simulation	4.12	2.65	1.20	0.24	0.25
	Numerical Analysis	5.27	3.27	1.45	0.36	0.37
	Statistics and Probability	5.32	3.27	1.54	0.36	0.36
	Theoretical Computer Science	2.65	1.60	0.83	0.16	0.17

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Physics and Astronomy	Acoustics and Ultrasonics	3.38	1.88	1.06	0.27	0.23
	Astronomy and Astrophysics	8.75	6.82	4.40	1.09	1.09
	Condensed Matter Physics	5.76	4.08	2.10	0.44	0.42
	Instrumentation	3.11	2.82	1.32	0.29	0.28
	Nuclear and High Energy Physics	5.87	5.24	2.88	0.80	0.82
	Atomic and Molecular Physics, and Optics	5.15	4.38	1.92	0.45	0.43
	Radiation	4.99	2.93	1.53	0.31	0.33
	Statistical and Nonlinear Physics	5.12	3.52	1.90	0.39	0.43
	Surfaces and Interfaces	7.29	5.50	2.49	0.47	0.46



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### ÁREA: CIENCIAS SOCIALES Y HUMANAS

Subárea científica	Categoría científica	2011	2012	2013	2014	2015 <sup>(e)</sup>
Arts and Humanities	Archeology (arts and humanities)	2.98	1.73	1.09	0.26	0.26
	Classics	0.40	0.21	0.08	0.01	0.02
	Conservation	1.36	0.76	0.42	0.10	0.08
	History	1.20	0.72	0.34	0.09	0.09
	History and Philosophy of Science	21.87	12.93	7.43	1.33	1.42
	Language and Linguistics	3.03	1.57	0.78	0.19	0.18
	Literature and Literary Theory	0.37	0.24	0.10	0.03	0.03
	Museology	1.30	0.75	0.42	0.13	0.09
	Music	1.97	1.15	0.69	0.16	0.15
	Philosophy	1.72	1.02	0.44	0.13	0.13
	Religious Studies	0.75	0.43	0.19	0.06	0.06
Visual Arts and Performing Arts	0.54	0.33	0.13	0.05	0.05	
Psychology	Applied Psychology	6.44	3.62	1.67	0.38	0.38
	Clinical Psychology	6.63	4.02	1.87	0.41	0.41
	Developmental and Educational Psychology	7.36	4.38	1.95	0.42	0.44
	Experimental and Cognitive Psychology	8.70	5.31	2.47	0.58	0.58
	Neuropsychology and Physiological Psychology	10.44	6.38	2.91	0.59	0.59
	Social Psychology	5.63	3.34	1.48	0.36	0.35
Business, Management and Accounting	Accounting	3.53	3.04	1.23	0.27	0.29
	Business and International Management	2.87	2.08	0.92	0.22	0.20
	Management Information Systems	4.57	3.62	1.31	0.16	0.25
	Management of Technology and Innovation	3.25	2.01	0.86	0.16	0.18
	Marketing	4.72	2.70	1.12	0.21	0.22
	Organizational Behavior and Human Resource Management	4.59	2.48	1.12	0.23	0.24
	Strategy and Management	4.64	2.91	1.42	0.31	0.30
	Tourism, Leisure and Hospitality Management	5.35	3.42	1.40	0.29	0.31
Industrial Relations	1.91	1.63	0.76	0.16	0.15	

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Economics, Econometrics and Finance	Economics and Econometrics	4.35	2.48	1.17	0.30	0.28
	Finance	3.52	2.59	1.17	0.27	0.25
Decision Sciences	Information Systems and Management	3.81	3.41	1.72	0.33	0.34
	Management Science and Operations Research	5.16	3.71	1.58	0.35	0.35
	Statistics, Probability and Uncertainty	4.04	2.16	0.91	0.22	0.23
Social Sciences	Anthropology	3.00	1.92	0.77	0.22	0.22
	Archeology	3.32	2.05	1.16	0.31	0.30
	Communication	3.20	1.75	0.64	0.15	0.15
	Cultural Studies	1.20	0.70	0.31	0.09	0.09
	Demography	3.81	2.48	1.15	0.28	0.27
	Development	4.08	2.44	1.14	0.27	0.27
	Education	3.10	1.76	0.80	0.19	0.19
	Gender Studies	2.71	1.64	0.68	0.19	0.16
	Geography, Planning and Development	3.48	2.25	1.12	0.28	0.27
	Health (social science)	4.88	2.70	1.28	0.30	0.30
	Human Factors and Ergonomics	4.04	2.36	1.38	0.32	0.28
	Law	2.99	1.92	0.86	0.23	0.24
	Library and Information Sciences	3.91	2.26	1.01	0.22	0.23
	Life-span and Life-course Studies	5.12	3.52	1.51	0.37	0.34
	Linguistics and Language	3.00	1.63	0.77	0.19	0.19
	Political Science and International Relations	2.20	1.35	0.59	0.18	0.18
	Public Administration	3.17	1.92	0.90	0.26	0.25
	Safety Research	2.72	2.14	1.08	0.30	0.26
	Sociology and Political Science	3.17	1.95	0.80	0.21	0.21
	Transportation	2.20	1.92	0.97	0.21	0.19
Urban Studies	2.85	1.72	0.75	0.19	0.20	