

ICREAMEMOIR2022

www.icrea.cat/memoir2022

ICREA

Building an
egalitarian and
sustainable future







A complex world

We live in a complex world that is constantly evolving and presenting us with new challenges, from climate change to public health crises. Science provides a framework for understanding and tackling these challenges through research, helping us to build a more sustainable and equitable future for all.

Committed Scientists

In today's world, scientists must be more committed than ever to using their knowledge and experience to find innovative solutions for society. At the same time, institutions need to provide a favourable environment to carry out their research with independence and integrity, free from political pressures or external influences that could compromise the quality of their work.

New paradigms of knowledge

At ICREA, over 270 committed researchers are advancing new paradigms of knowledge in multiple areas of science, including engineering, mathematics, medicine, social sciences and the humanities.

Like the great thinkers of antiquity, they all share an inexhaustible passion for understanding the problems of our complex world.

276

ICREA Research Professors

130

in universities

116

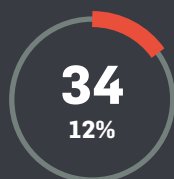
in CERCA centres

16

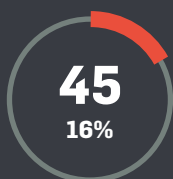
in CSIC centres

14

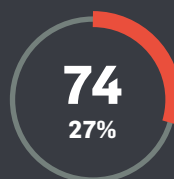
in other institutions



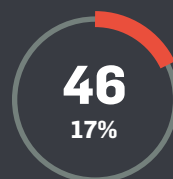
Social & Behavioural Sciences



Humanities



Experimental Sciences and Mathematics



Engineering Sciences



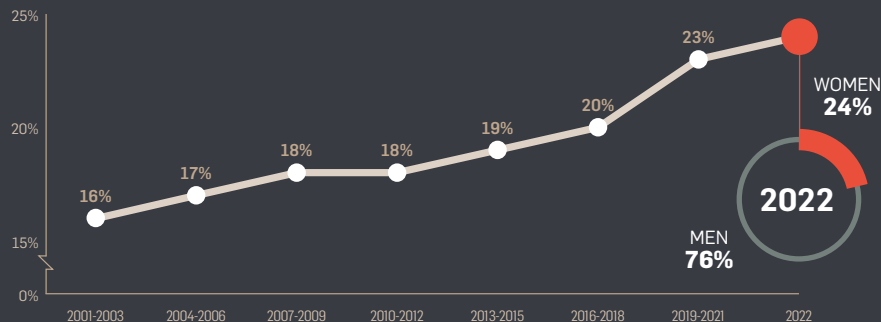
Life & Medical Sciences

56%

Coming from abroad

40%

Non-Nationals







Excellence and freedom for research

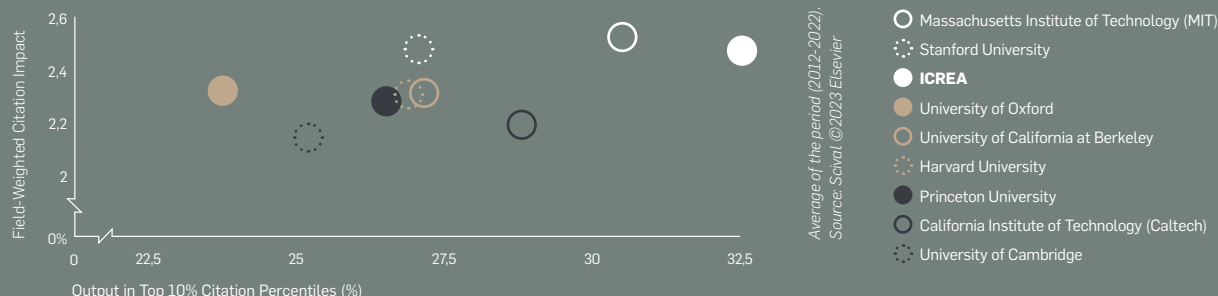
ICREA's mission is to attract and retain outstanding scientists from around the world and help boost the impact and global visibility of Catalan universities and research centres.

ICREA researchers benefit from competitive conditions of employment and can pursue their work at the host institutions which are the best fit for their projects.

An external, independent promotion committee evaluates each researcher's performance regularly over the course of their career.

Full respect for freedom of research means scientists can generate new ideas and approaches that have the potential to transform society and help build a more egalitarian and sustainable future.

Citations and impact



One third of ICREA's publications rank amongst the top 10% most cited worldwide



Eduard Batlle
IRB Barcelona



Josep Dalmau
FRCB-IDIBAPS



Frank Koppens
ICFO



Josep Maria Llovet
FRCB-IDIBAPS



Esteve Corbera
UAB



Markus Donat
BSC-CNS



Ai Koyanagi
ISJD



Maurizio Mencuccini
CREAF

Top 1% most cited researchers worldwide by Clarivate

Source: Highly Cited Researchers™, © 2023 Clarivate

These are a few ICREA Research Professors who received awards in 2022



Salvador Aznar Benitah
Premio de Investigación
Biomédica de la Fundación Lilly



Quique Bassat
Medalla Narcís Monturiol



**Roberto Emparan García
de Salazar**
Medalla Narcís Monturiol



María Escudero Escribano
Miembro de la Academia Joven
de España



Alexander Fidora Riera
Humboldt Research Award



Elena Galea
Elected Member of the Academia
Europaea



Maciej Lewenstein
Premi Nacional de Recerca



Núria López-Bigas
ISCB Innovator Award



Rosemarie Nagel
Fellow of the Econometric Society



Sílvia Osuna
EuChemS Lecture Award



Jelena Radjenović
Premi Nacional de Recerca al
Talent Jove



Marta Reynal-Querol
Premio Rei Jaume I de Economia



Samuel Sánchez-Ordóñez
Premi Fundació Banc Sabadell a
les Ciències i l'Enginyeria



Sergey Tikhonov
Friedrich Wilhelm Bessel
Research Award



Sergio Valenzuela
Elected Member of the Academia
Europaea



Peter Wagner
Elected Member of the Academia
Europaea



Manel Esteller Badosa
Premio Constantes y Vitales
a la Trayectoria Científica en
Investigación Biomédica



Núria Montserrat Pulido
Premio Constantes y Vitales al
Joven Talento en Investigación
Biomédica



Xavier Ros Oton
Miembro de la Real Academia
de Ciencias Exactas, Físicas y
Naturales de España



Andreas Winter
Humboldt Research Award



ICREA's impact in 2022

JOB

6.8

Each ICREA funded an average of 6.8 jobs

FUNDS

139M€

Competitive funding raised

EDUCATION

181

PhD theses defended

BUSINESS

2

New spin-off companies created

OPPORTUNITIES

6

New technologies licensed

Totalling **41** companies with a market value of **294M€** and employing **154** people

Totalling **123** technologies licensed to **67** companies

ERC grants awarded in 2022

(excluding the Proof of Concept scheme)

Advanced Grants



Mar Albà
Life Sciences



Dan Brockington
Social Sciences and Humanities



Tess Knighton
Social Sciences and Humanities



Marta Reynal-Querol
Social Sciences and Humanities



Jordi Sort
Physical Sciences and Engineering



Niek van Hulst
Physical Sciences and Engineering

Synergy Grants



Gustavo Deco



Giorgos Kallis



Albert Pol



Verena Ruprecht

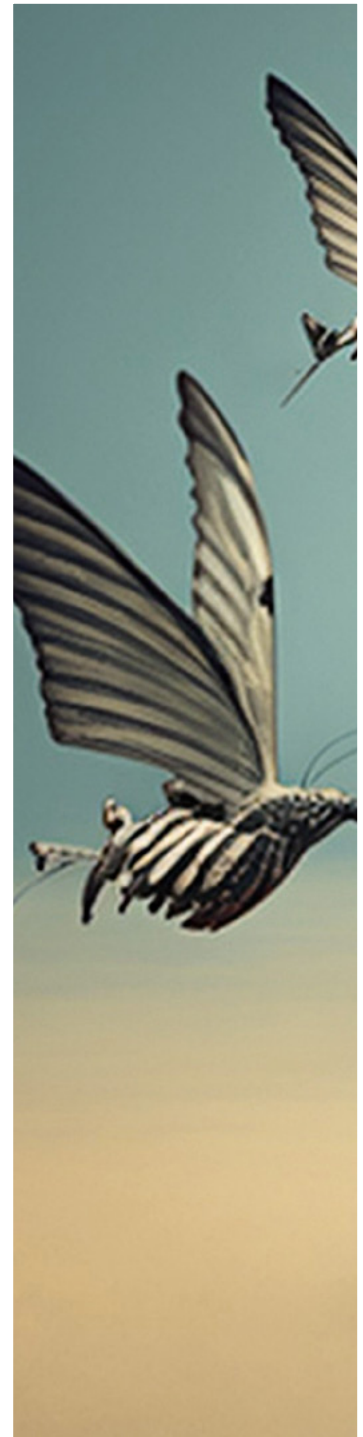


María Victoria Sánchez Vives



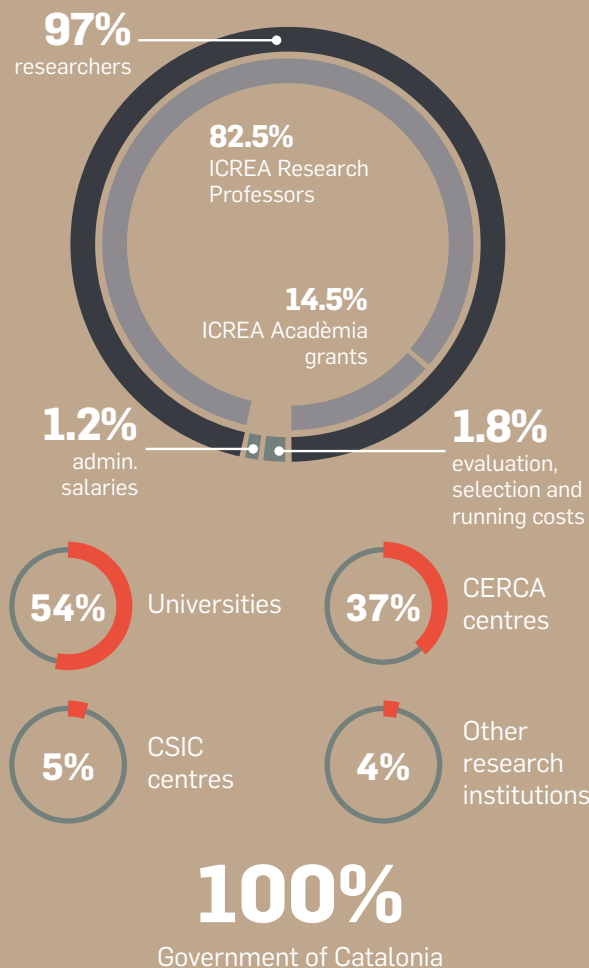
Juan Valcárcel

One in four ICREAs has an active ERC grant



Transparency

We strive to use our budget wisely, investing the funds with utmost care to make sure that our resources are directly turned into the best possible science. Here is a snapshot of our budget structure.







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Generalitat de Catalunya
Government of Catalonia

fcri
Fundació Catalana per a
la Recerca i l'Innovació

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