the ESSENCE of EXCELLENCE
What is the essence of excellence in science?

What is that irreplaceable element?

The essence of excellence in science is people

ICREA brings together a global community of more than 280 researchers and empowers them to strive for excellence, free from political pressures or external influences.

285
ICREA Research Professors

134
in universities

122
in CERCA centres

15
in CSIC centres

14
in other institutions
ICREA is committed to diversity in science, providing opportunities and funding, welcoming researchers from around the world.

**Women at ICREA**

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>2001-2003</td>
<td>16%</td>
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<tr>
<td>2004-2006</td>
<td>17%</td>
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<tr>
<td>2007-2009</td>
<td>18%</td>
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<tr>
<td>2010-2012</td>
<td>18%</td>
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<tr>
<td>2013-2015</td>
<td>19%</td>
</tr>
<tr>
<td>2016-2018</td>
<td>20%</td>
</tr>
<tr>
<td>2019-2021</td>
<td>23%</td>
</tr>
<tr>
<td>2022-2023</td>
<td>24%</td>
</tr>
<tr>
<td>2023</td>
<td>24%</td>
</tr>
</tbody>
</table>

**Non nationals**

- Coming from abroad: 55%
- Non nationals: 40%
The essence of ICREA

Every year, ICREA offers tenured positions to talented researchers from all over the world to come and work in Catalonia.

In fields from philosophy to astrophysics, these positions have become benchmarks of global academic excellence.

ICREAs in every area

- Social & Behavioural Sciences: 38 (13%)
- Humanities: 48 (17%)
- Experimental Sciences & Mathematics: 76 (27%)
- Engineering Sciences: 44 (15%)
- Life & Medical Sciences: 79 (28%)
Citations and impact

One third of the publications from ICREA researchers rank amongst the top 10% most cited

ICREA researchers can pursue their work at the host institutions that best fit their research interests. Full respect for freedom of research allows ICREA scientists to push the frontiers of knowledge and find new paths to progress.

Top 1% most cited researchers worldwide by Clarivate

- Josep Dalmau
  FRCB-IDIBAPS
- Gustavo Deco
  UPF
- Markus Donat
  BSC-CNS
- Frank Koppens
  ICFO
- Josep Maria Llovet
  FRCB-IDIBAPS
- Maurizio Mencuccini
  CREAf
- Sergei Odintsov
  ICE-CSIC

Source: Highly Cited Researchers TM, © 2024 Clarivate
2023 at a glance

There is no real division between pure and applied science. There is only science, which changes the way we understand ourselves and the universe – and transforms the way we live.

JOBS
6.6
Each ICREA funded an average of 6.6 jobs

FUNDS
147M€
Competitive funding raised

BUSINESS
2
New spin-off companies created

Totalling 42 companies with a market value of 310M€ and employing 198 people
ICREA researchers keep raising new funding, creating new research positions, bringing new technologies to market and embodying the essence of excellence in science.

**BS**
6
Funded an average of 6.6 jobs

**EDUCATION**
182
PhD theses defended

**OPPORTUNITIES**
3
New technologies licensed

Totalling **126** technologies licensed to **70** companies
Honours and awards

These are some of the ICREA Research Professors who received awards in 2023

**Eduard Batlle**
Medalla de Oro de Cruz Roja. Premio Constantes y Vitales a la Mejor publicación biomédica del año

**Maria Carme Belarte Franco**
Membre Numerari de l’Institut d’Estudis Catalans

**Cédric Boeckx**
Elected Member of the Academia Europaea

**Xavier Cabré Vilagut**
Frontiers of Science Award 2023 by the Chinese government

**Rebekah Clements**
2023 Vandervort Prize from the Society for Military History

**Josep Dalmau**
The Camillo Golgi Award from the European Academy of Neurology
Manuel Irimia
Premio Fundación Jesús Serra de Investigación Básica

Núria López-Bigas
Premio Fundación Lilly de Investigación Biomédica Preclínica 2023

Daniel Maspoch Comamala
Premio Rei Jaume I de Nuevas Tecnologías

Marco Milán
Elected EMBO Member

Sergey Odintsov
World n8 Highly Ranked Scholar in Astronomy during lifetime and n1 in Spain according to ScholarGPS

Diana Roig
Full Member of the Academia Joven de España

Xavier Ros Oton
Frontiers of Science Award 2023 by the Chinese government

Samuel Sánchez
Premio Constantes y Vitales al Joven Talento en Investigación Biomédica

Arnau Sebé-Pedrós
EMBO Young Investigator
ERC grants awarded

Consolidator grants
- Ruben Durante
  UPF
- Jelena Radjenovic
  ICRA
- Marc Güell
  UPF
- Xavier Ros Oton
  UB

Advanced grants
- Morgan Mitchell
  ICFO
- Emilio Palomares
  ICIQ
- Barbara Rossi
  UPF
- Jeroen van den Bergh
  UAB
- Iñaki Ruiz-Trillo
  IBE-CSIC

Synergy grants
- Wolfram Hinzen
  UPF

One in four ICREA Research Professors has an active ERC grant.
Transparency

Our funding comes from the Catalan government.

We are proud of our transparent record of using it in a careful and considered way to ensure that resources are transformed into what matters most: outstanding science.

97% researchers

79.72% ICREA Research Professors

17.28% ICREA Acadèmia grants

1.1% admin. salaries

1.9% evaluation, selection and running costs

100% Government of Catalonia

55% Universities

37% CERCA centres

4% CSIC centres

4% Other research institutions