

LETTERS OF ENDORSMENT OF PROF. MARÍA VALLET REGI FOR
LÓREAL-UNESCO FOR WOMEN IN SCIENCE INTERNATIONAL
AWARDS 2023, NOMINATED BY PROF. JOAQUÍN GOYACHE GOÑI,
RECTOR OF UNIVERSIDAD COMPLUTENSE.

- *Director General of UNESCO (1987-99) and President of the Foundation for a Culture of Peace from 2000, Federico Mayor Zaragoza.*
- *Secretary General of Innovation of the Ministry of Science and Innovation of the Spanish Kingdom, Teresa Riesgo.*
- *Director General for Research and Technological Innovation of the Regional Government of Madrid, Ana I. Cremades.*
- *President and Board of Trustees of the Rei Jaume I Awards Foundation, Javier Quesada.*
- *Director of Lilly Spain Foundation, José A. Sacristán.*
- *President of Tatiana Pérez de Guzmán el Bueno Foundation, Teodoro Sánchez-Ávila.*
- *President and Board of Spanish Royal Society of Chemistry (RSEQ), Antonio M. Echavarren.*
- *President of the Federation of European Materials Societies (FEMS), Anna Zervaki.*
- *President and Board of Spanish Society of Materials (SOCIEMAT), Juan J. de Damborenea.*
- *President of International Union of Pure and Applied Chemistry (IUPAC), Javier Garcia.*
- *President of Royal Academy of Engineering (RAING), Antonio Colino.*
- *President and Board of Royal National Academy of Pharmacy (RANF), Antonio L. Doadrio.*
- *Scientific Director of Center for Biomedical Research Network (CIBER-BBN), Ramón Martinez.*

Federico Mayor Zaragoza

Federico Mayor Zaragoza, Professor of Biochemistry and Molecular Biology at the University of Granada (1963-1972) and Autonomous University of Madrid (1973-2004), Minister of Education and Science of Spain (1981-1982) Co-founder of the Severo Ochoa Molecular Biology Center of the UAM and CSIC (1975 -), initiator of Neonatal Screening for molecular diseases (1968 -), Director General of UNESCO (1987 – 1999) and President of the Foundation for a Culture of Peace (2000 -),

Declares:

That he knows from many years ago the most relevant human, scientific and academic pathways accomplished by Prof. María Vallet-Regí, becoming an outstanding international figure in nano-biochemistry.

Therefore:

Supports her nomination for the l'Oreal-UNESCO for Women in Science International Awards 2023 – a great world recognition of excellence-presented by Prof. Joaquín Goyache, Rector of the Complutense University of Madrid.

Madrid, 19th of May of 2022.

A handwritten signature in black ink, consisting of a tall, thin vertical stroke followed by a series of connected loops and a final downward stroke.

Federico Mayor



L'Oréal-Unesco for Women in Science International Awards 2023

Madrid, May 23rd, 2022

TO WHOM IT MAY CONCERN

As Secretary General of Innovation of the Ministry of Science and Innovation of the Spanish Kingdom, it is my pleasure to support the nomination of **Prof. María Vallet** for the L'Oréal-Unesco for Women in Science International Awards 2023, presented by Prof. Joaquín Goyache, as President of the Universidad Complutense de Madrid.

Prof. Vallet has been the recipient of many important awards, both national and international. In particular, she was awarded in 2011 with the National Award in Research "Leonardo Torres Quevedo" for her scientific and knowledge transfer contributions, and in 2019 with the Medal to the Merits in Research and University Education. These are the top distinctions given by the Ministry of Science and Innovation in the fields of research.

Sincerely,

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Prof. Teresa Riesgo
Secretaria General de Innovación
Ministerio de Ciencia e Innovación
Paseo de la Castellana, 162. 28071 Madrid (Spain)
Teresa.riesgo@ciencia.gob.es

Madrid, 17 de mayo de 2022

L'Oréal-Unesco for Women in Science International Awards 2023

It is my pleasure, as Director General for Research and Technological Innovation of the Regional Government of Madrid, to support the nomination of Prof. Maria Vallet for the L'Oréal-Unesco for Women in Science International Awards 2023 presented by Prof. Joaquín Goyache, Rector of the Complutense University of Madrid. Prof. María Vallet is an inspirational leader for researchers, an active role model for schooled girls and a pioneer in the biomaterials related field. Her outstanding research career has received the Research Prize of the Regional Government of Madrid in two different modalities, namely the Miguel Catalán 2013 Prize and the Margarita Salas 2021 Prize. She is an extraordinary scientist.

Sincerely,

LA DIRECTORA GENERAL DE INVESTIGACION
E INNOVACION TECNOLOGICA



Ana Isabel Cremades Rodríguez

Valencia, 10th May 2022

To whomever it may concern,

On behalf of the President and the Board of Trustees of the Rei Jaume I Awards Foundation, I would like to express our support for the candidacy of Professor María Vallet Regí at the proposal of the President of the Complutense University of Madrid, Professor Joaquín Goyache for Women in Science International Awards 2023 in Physics, Mathematics and Computer Science.

Professor Vallet, a scientist of excellence, has received the Rei Jaume I Basic Research Award 2018. In her extensive professional career, it is worth mentioning her extensive achievements in the field of inorganic chemistry,

His pioneering work in the field of mesoporous ceramic materials with biomedical applications stands out, particularly in the regeneration of bone tissue.

Dr. Vallet also stands out for her extraordinary ability to communicate and disseminate science in society.

Yours sincerely



Javier Quesada
Executive President


11th May 2022

Dear Members of the Jury:

It is an honor for Lilly Spain Foundation to support **María Vallet-Regí** nomination for the 2023 L'Oréal-UNESCO *For Women in Science International Awards*.

María Vallet-Regí was member of the scientific board of Foundation Lilly Spain 2016 – 2021 and currently collaborates in several of our scientific initiatives. Her outstanding and extensive research work, with a clear multidisciplinary approach, has positioned her as an international leading researcher and pioneer in the field of ceramic materials applied to medicine. Due to all her contributions to biotechnology and medicine, she has been awarded many important national and international prizes, such as the Lilly Foundation Award for Distinguished Scientific Career in 2016 Jaime I Basic Research Award 2018 or the George Winter Award 2019, among many others.

Therefore, Maria represents the values of excellence and eminence that this award recognizes and consequently we unconditionally support her candidacy.



José A. Sacristán
Lilly Spain Foundation Director

Madrid, 9 de mayo de 2022

A quien corresponda,

La Fundación Tatiana Pérez de Guzmán el Bueno avala la candidatura de D^a María Vallet Regí para el "L'Oreal-Unesco for Women in Science International Awards 2023" en Ciencias Físicas, Matemáticas y Ciencias de Computación por la región de Europa, presentada por el Rector de la Universidad Complutense de Madrid, D. Joaquín Goyache Goñi.

María Vallet Regí no sólo es una de las científicas más eminentes de España, sino que además es un referente para todas las mujeres, especialmente las jóvenes. Por todo ello, recibió en 2017, nuestro Premio "Julio Peláez a las Pioneras de la Física, la Química y las Matemáticas", en su segunda edición. El premio, con una dotación de doce mil euros, se concede anualmente. En aquella edición, el Jurado estuvo compuesto por:

- Francisca García Caballero, investigadora del CSIC y Vicerrectora de Postgrado e Investigación de la Universidad Internacional Menéndez Pelayo.
- Santos González Jiménez, doctor en Matemáticas, Catedrático de Álgebra de la Universidad de Oviedo y director de la Cátedra de Inteligencia Analítica Avanzada de dicha universidad.
- María Rosario Heras Celemín, doctora en Ciencias Físicas e investigadora principal y jefa de la Unidad de Eficiencia Energética en la Edificación del CIEMAT.
- Eloísa López Pérez, doctora en Ciencias Físicas y profesora emérita de la Facultad de Física de la Universidad Complutense de Madrid.
- María Pilar López Sancho, doctora en Ciencias Físicas y profesora de investigación del CSIC, en el Departamento de Teoría y Simulación de Materiales del Instituto de Ciencia de Materiales de Madrid del CSIC.
- Nazario Martín León, doctor en Ciencias Químicas y catedrático de Química Orgánica en la Universidad Complutense de Madrid. Es Director Adjunto del Instituto IMDEA-Nanociencia de la Comunidad de Madrid.

- Antonio Pérez Sanz, catedrático de Matemáticas. Ha trabajado en Historia de las matemáticas, didáctica, tecnologías de la información y de la comunicación aplicadas a las matemáticas y divulgación científica.
- Avelino Corma Canós, doctor en Ciencias Químicas, fundador, exdirector e investigador del Instituto de Tecnología Química, centro de investigación mixto creado en 1990 por Universidad Politécnica de Valencia (UPV) y el Consejo Superior de Investigaciones Científicas (CSIC).

El Jurado consideró que María Vallet Regí es reconocida como pionera en el campo de los materiales cerámicos mesoporosos con aplicación en biomedicina. Su trabajo descubrió, por vez primera, las aplicaciones biomédicas potenciales de estos materiales (Chem. Mater. 13,308-311, 2001; 1529 citas). Abrió una línea de trabajo que ha conducido al desarrollo de un nuevo campo de investigación (más de 5.500 artículos).

Además de su labor investigadora, María Vallet se ha convertido en una de las embajadoras más relevantes del papel de la mujer en la Ciencia en España. Siempre tiene una generosa disponibilidad para colaborar con cualquier iniciativa que se dirija hacia ese objetivo, tanto con instituciones públicas o privadas y medios de comunicación. En este sentido, desde hace unos años ha pasado a formar parte del Jurado del Premio “Julio Peláez a las Pioneras de la Física, la Química y las Matemáticas” de nuestra Fundación.

Como resumen, desde la Fundación Tatiana Pérez de Guzmán el Bueno nos sentimos muy honrados de poder avalar la candidatura de María Vallet Regí, no sólo por su prestigio científico y su compromiso social, sino sobre todo por su calidad humana.

Un cordial saludo,


Teodoro Sánchez-Ávila Sánchez-Migallón
Presidente
Fundación Tatiana Pérez de Guzmán el Bueno

Tarragona, May 10, 2022

L'Oréal-Unesco for Women in Science International Awards 2023

As the President of the Spanish Royal Society of Chemistry (RSEQ), and on behalf of the RSEQ Board, it is my pleasure to support the nomination of Prof. Maria Vallet for the L'Oréal-Unesco for Women in Science International Awards 2023 presented by Prof. Joaquín Goyache, President of the Complutense University of Madrid.

Prof. María Vallet has been the recipient of many important national and international awards, including the Gold Medal of the RSEQ in 2011, the most prestigious award of the RSEQ.

Sincerely,



Prof. Dr. Antonio M. Echavarren

President

Spanish Royal Society of Chemistry (RSEQ)

Institute of Chemical Research of Catalonia (ICIQ)

Barcelona Institute of Science and Technology

Av. Paisos Catalans 16

43007 Tarragona (Spain)

London, 10 May 2022

To Whom It May Concern

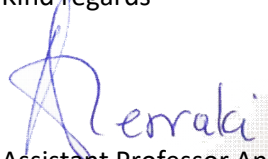
Professor María Vallet-Regi

The Federation of European Materials Societies is honoured to support the nomination for Professor María Vallet-Regi for the L'Oréal-UNESCO For Women in Science International Awards.

Professor Vallet-Regi is recognised as a pioneer in the field of ceramic materials applied to medicine, who also suggested the introduction of drugs into the pores of mesoporous silica materials, which inspired thousands of publications worldwide, involving mesoporous silica nanoparticles for drug delivery.

In 2019 Professor Vallet-Regi was awarded the FEMS Materials Innovation Medal which is presented to distinguished scientists or engineers to recognise outstanding contributions to technological development and innovation based on exceptional contributions in materials science and engineering. As a recipient of a FEMS prestigious award, she was also invited to give one of the plenary talks at FEMS EUROMAT 2019 held in Stockholm.

Kind regards



Assistant Professor Anna Zervaki
FEMS President

Dr Juan José de Damborenea González, President of Spanish Society of Materials (SOCIEMAT) and Research Professor of the Spanish National Research Council (CSIC) at the National Center for Metallurgical research (CENIM)

TO WHOM IT MAY CONCERN

On behalf of the Spanish Society of Materials (SOCIEMAT), I am pleased to express our full support to Professor María Vallet-Regi for the "L'Oréal-UNESCO For Women in Science International Awards" 2023, in the category of Physical Sciences. Prof Vallet-Regi is an outstanding researcher with a long professional career and enormous prestige in the field of Materials Science and Engineering and more specifically by her contributions to Biotechnology and Medicine. I have had the pleasure of meeting her since mid-nineties, she always deeply impressed me by how warm, intelligent, and brave she is.

There is no point in repeating here facts and figures that prove her outstanding scientific-technical production, which are reflected in her more than 800 internationally through specialist publications and scientific lectures, in her patents (12) and research projects (more than 100) as well as relevant awards as the "Materials Innovation Prize" given by the Federation of European Materials Societies (FEMS, 2019).

Prof Vallet-Regi has spent much energy towards promoting international research cooperation to reduce the gap between Academia and Industry. She has always been aware of the need to work together to other colleagues from over the world, supporting for scientific cooperation between researchers across the world. She also tries her best to address the current societal problems, devoting a great deal of effort and time to eliminate the gender gap in research.

If the philosophy of "L'Oréal-UNESCO For Women in Science International Awards" is to acknowledge people whose work is highly significant, Prof Vallet-Regi has proven merits that make her worthy of being awarded.

In role of President of the Spanish Materials Society (SOCIEMAT), my support is unequivocal and I have absolutely no hesitation in recommending her for this prestigious award.

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Prof. Juan J. de Damborenea González



Alicante, 10 de mayo de 2022

Prof. Joaquín Goyache Goñi
Rector, Universidad Complutense de Madrid
Avenida de Séneca, 2, 28040, Madrid, Spain

Dear Prof. Joaquín Goyache Goñi,

I am delighted to support the candidacy of Prof. María Vallet-Regí for the “L’Oréal-UNESCO For Women in Science Awards” in the Physical Sciences, Mathematics and Computer Science category. I had the privilege to know the candidate for many years, as she is one of the leading scientists in the field of mesoporous materials, in which I have been working for the past thirty years. Because of her many contributions to materials science, biocompatible matrices, and drug delivery, she has received numerous prestigious awards. In 2013, she was presented with the IUPAC Distinguished Women in Chemistry and Chemical Engineering Award. Established in 2011, by the International Union of Pure and Applied Chemistry (IUPAC) this award acknowledges and promotes the work of women chemists and chemical engineers worldwide. Awardees are selected based on excellence in basic or applied research, distinguished accomplishments in teaching or education, or demonstrated leadership or managerial excellence in the chemical science.

I enthusiastically support Prof. María Vallet-Regí’s nomination for the “L’Oréal-UNESCO for Women in Science Awards” because she epitomizes what this award truly means and because I am sure that she will contribute to encourage international scientific cooperation and the development of cross-cultural networks.

Sincerely,

Prof. Javier García Martínez
President of the International Union of Pure and Applied Chemistry



REAL ACADEMIA de INGENIERÍA
Presidente

L'Oréal-Unesco for Women in Science International Awards 2023

PR-C-22029

Madrid, 13th, May 2022

To whom it may concern,

As the President of the Spanish Royal Academy of Engineering (RAING), it is my pleasure to support the nomination of Prof. María Vallet for the L'Oréal-UNESCO for Women in Science International Awards 2023 presented by Prof. Joaquín Goyache, President of the Complutense University of Madrid.

Prof. María Vallet is Vice-President of the RAING and belongs to the Strategic Council of the mentoring program "Women and Engineering" of the Academy.

Sincerely,

Antonio Colino Martínez



REAL ACADEMIA NACIONAL
DE FARMACIA
Presidencia

L'Oréal-Unesco for Women in Science International Awards 2023

Dear Sir/Madam:

As the President of the Spanish Royal Academy of Pharmacy (RANF), and on behalf of the RANF Board, it is my pleasure to support the nomination of Prof. Maria Vallet for the L'Oréal-Unesco for Women in Science International Awards 2023 presented by Prof. Joaquín Goyache, President of the Complutense University of Madrid.

Prof. María Vallet is full member of our Institution, medal 42, since 2011 and she has been the recipient of many important national and international awards, including the Gold Medal Carracido of the RANF in 2022, the most prestigious award of the RANF.

Sincerely,

In Madrid, 10th May, 2022



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DOADRIO (R:
Q2868018I)

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Antonio L. Doadrio Villarejo
President of the Spanish Royal Academy of Pharmacy

Subject:

L'Oréal-UNESCO For Women in Science (FWIS) International Awards (2023 edition)

Letter of support for the candidature of Prof. María Vallet Regí

Valencia, May 10th 2022

I, undersigned, currently Scientific Director of CIBER-BBN, with identity document 24322893W and postal address in Valencia, Universidad Politécnica de Valencia, Camino de Vera s/n, 5M building, representing CIBER-BBN (Centro de Investigación Biomédica en Red en el área temática de Bioingeniería, Biomateriales y Nanomedicina),

DECLARE THAT:

I am aware that Prof. Joaquín Goyache Goñi, Rector of Complutense University of Madrid, has presented the candidature of Prof. María Vallet Regí to the 2023 edition of L'Oréal-UNESCO For Women in Science (FWIS) International Awards.

In my role of Scientific Director of CIBER-BBN, it is for me a great honour to give enthusiastic support to this candidature.

Research Group in Intelligent Materials (GIBI) lead by Prof. Vallet Regí belongs to CIBER consortium since its creation in 2007 and has achieved during this period an outstanding performance in terms of scientific production, a remarkable level of multidisciplinary collaboration with other research groups within the consortium and a continuous and deep involvement in all the scientific and dissemination activities promoted by CIBER-BBN.

Prof. Vallet-Regí is an unavoidable reference for the International scientific community in the areas of biomaterials for bone regeneration, bioceramics with antimicrobial applications and stimulus-response systems for gene transfer, osteoporosis treatments and solid tumors. Prof. Vallet Regí is a worldwide recognized pioneer in the field of mesoporous ceramic materials applied to biomedicine. Her work highlights the importance of multidisciplinary science as a source of creativity and ideas. The research interest of Prof. Vallet focuses towards nanocarriers in stimuli-responsive systems, making converge bioceramics for bone regeneration and drug delivery, with the fight against infection.

In addition to the undeniable quality of her research works, I would also like to remark her motivation to understand that successful research has to be carried out under a collaborative focus. It is to be highlighted the collaboration of her research group with the clinical environment, which gives a major social impact to her discoveries.

Along her fruitful career Prof. Vallet-Regí has always been on the frontier of knowledge, opening roads that many others have followed. As a proof of her important contributions to the fields of biomaterials and nanomedicine, Prof. Vallet Regí has received a number of awards coming from a wide range of International scientific institutions, which makes her one of the top current female scientists in Spain. Prof. Vallet Regí has to be seen as an example of perseverance and human quality for future generations of scientists.

Last, but not least, I want to mention also her social commitment as a scientist to disseminate the work done in laboratories to society, with the certainty that citizens need to understand the work done by scientists in order to support science as a key factor in the development of a society.

For all the above reasons, Prof. Vallet Regí is a truly outstanding candidate for the 2023 L'Oréal-UNESCO For Women in Science (FWIS) International Awards.

I remain at the disposal of L'Oréal-UNESCO Awards organization for any further information they may require.



Ramón Martínez Mañez
CIBER-BBN Scientific Director