

# ANNUAL REPORT 2022

From *Apadrina la Ciencia*, thanks to the collaboration of our sponsors, private donations and donations by supportive entities, we have managed to fund a range of projects of social interest and research and carry out relevant activities for science dissemination.

## 2022 ANNUAL REPORT

APADRINA LA CIENCIA



### RESEARCH PROJECT FUNDING

#### VI Call for Ford-Apadrina la Ciencia Contracts



**TWO one-year contracts** have been given to finish the **Ph.D.** research projects. The beneficiaries have been:

- **Rita Sofía dos Santos Severino**, Center for Astrobiology (INTA-CSIC), whose research work focuses on finding universal peptide biomarkers in planetary exploration.
- **Isabel Salado Ortega**, Doñana Biological Station (EBD- CSIC), whose work is developed in the research field of ecology, evolution and conservation biology.

Thanks to the previous Ford-Apadrina la Ciencia contracts, relevant research lines have moved forward and obtained meaningful and impactful results. Rebeca Martínez Haya, from the Chemical Technology Institute (CSIC-UPV), one of the beneficiaries in I Call, has obtained the [Extraordinary Ph.D. Award](#) and Amanda López, from the Spanish National Center for Cardiovascular Research Carlos III (CNIC), the beneficiary in II Call, has published her results in an [outstanding science journal](#) in the research field.

### SUPPORT FOR PROJECTS OF SOCIAL INTEREST

#### IV Edition Ford College Community Challenge - Apadrina la Ciencia

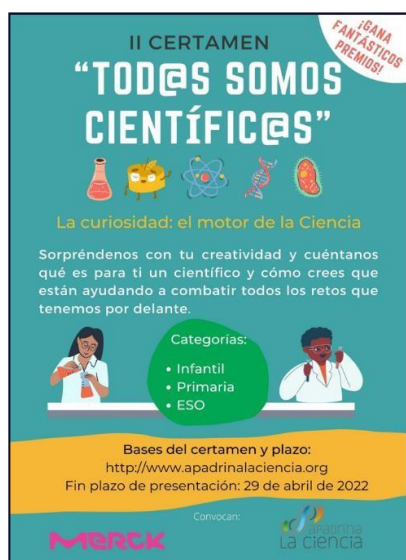
A new call for this fantastic aid by Ford Fund and Apadrina la Ciencia, designed to support **THREE funded projects of social interest led by university students with 5.000€** to develop creative projects responding to local needs on the topic “Improving Lives”.



### DISSEMINATION ACTIONS

#### Session at FITUR TechySostenibilidad

A talk, together with industry experts, on the present and future of sustainable tourism (19/1/22).



#### II Certamen Merck-Apadrina la Ciencia *Tod@s somos científic@s*

An initiative addressed to **3- to 16-year-old** school children to **promote** their **curiosity, reflection, and interest in Science** and our scientists' work in our society as well as to arouse science vocation.

The awarded **prizes -science games** as well as **the visit of scientists to class** to carry out enjoyable, illustrative experiments- are always welcomed by scholars and teachers with enthusiasm.

#### Scientific Experiments in Schools

On the occasion of the II Contest *Tod@s somos científic@s*, organized in collaboration with Merck, we went to **the schools** whose boys and girls won the first prize in each category since one of the rewards was the **visit of the scientific staff to their class to carry out various experiments**, as well as **talks about the scientific career**. We visited Madrid, Villaviciosa de Odón (Madrid) and Loja (Granada).







### Visit of our young winner of the *Tod@s somos científic@s* contest 2021

Christian's family, the **winner** of the first contest *Tod@s somos científic@s*, visited us at the CNB. We were amazed by his knowledge and enjoyed his enthusiasm. He is a great scientist.



### Experiments at CEIP Pedro Duque

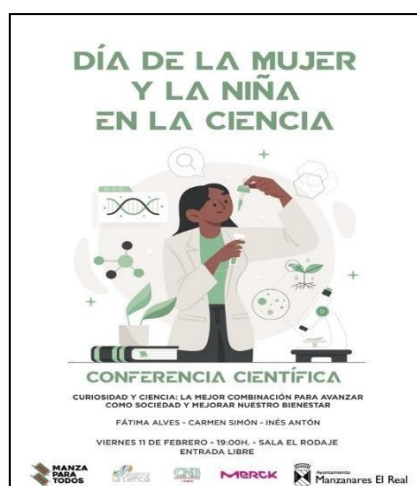
On June 2, we carried out experiments with 4th Primary students at the CEIP Pedro Duque from Vicálvaro, Madrid, where they discovered interesting daily events through experience. Thanks to our sponsor Gema!

## Annual Report 2022

### Participation in the Book Fair in Madrid

We were at the Book Fair in Madrid with two of our solidarity books:

- *Tod@s somos científic@s (We Are All Scientists)*, with experiments for children.
- *Ciencia o Pseudociencia (Science or Pseudoscience)*, a book to distinguish the true from the untrue. One of its co-authors, Inés Antón, signed the books.



### Talk on Curiosity and Science

On February, 11th, the heads of Apadrina la Ciencia had the opportunity to give a scientific talk to celebrate the International **Day of Women and Girls in Science**. The talk was called *Curiosity and Science: the Best Combination to Make Advances as a Society and Improve Our Well-being*.

### Collaboration in the Curiosity Cube by Merck

Apadrina la Ciencia has cooperated with Merck in the **first European visit of the Curiosity Lab**, a retrofitted shipping container that has been turned into a **mobile science lab** to help students **deepen their insight into science and technology**.

The Curiosity Lab was available in various schools in Madrid in the second week of September and in Vallecas (Madrid) and Tres Cantos during the doors open days at the weekend.



Many thanks to our Merck Life Science sponsors for supporting Science!

## Annual Report 2022

### Participation in Juvenalia 2022

For the eighth consecutive year, Apadrina la Ciencia took part in the symbolic children's and youth leisure fair, where, for **6 days**, over **4,500** children carried out **SIX** different experiments with the help of **more than 40 volunteer scientists**. They learnt about Science in a ludic and amusing –but rigorous- way:

- Chemicave
- Microscope and mutant flies
- Gradient sweet rainbow
- Secrets of the heart
- Chromatography flower
- Becoming familiar with viruses





participará un año más en  
**EXPOFAMILY**

**EXPO FAMILY 4**

¡VEN Y DIVIÉRTETE... EN FAMILIA!

**EL EVENTO POR EXCELENCIA PARA DISFRUTAR EN FAMILIA**

Del 20 al 22 de mayo  
**BALUARTE**

**DN**

brandOK

**¡VEN A PASARLO BIEN HACIENDO EXPERIMENTOS CIENTÍFICOS CON NOSOTROS!**

EXPOFAMILY  
Baluarte - Pamplona (Navarra)

**SÁBADO 21**

16:45-17:30 La hora de la Ciencia: ADN. APADRINA LA CIENCIA.

**DOMINGO 22**

12:15-13:00 La hora de la Ciencia: Flor de Cromatografía. APADRINA LA CIENCIA.

17:45-18:45 Arcoiris Dulce APADRINA LA CIENCIA.

### Participation in Expofamily 4

Apadrina la Ciencia took part in this family leisure event with a stand in which young scientists will run amusing educational experiments for children.





### Monthly Participation in the program “Enfermedades Raras” (Rare Diseases) on Radio Libertad

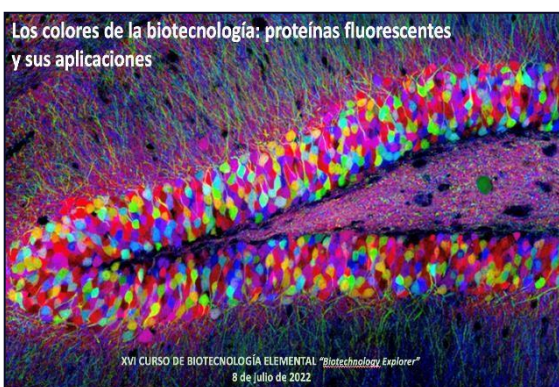
Apadrina la Ciencia collaborates with interesting scientific topics by providing a guest for the program about Rare Diseases, conducted by Antonio G. Armas on Radio Libertad FM.

Our participation has contributed to the program being chosen by a professional jury followed by a popular vote as the winner of the **award Referentes 2020 in the category of radio**.



The podcasts are available at this [link](#).

- Otilia Mó Romero, 14/1/2022. *Knowing Molecules and Their Interactions*.
- Carmen Mora, 8/3/2022. *The Heart, Regeneration and Progenitor Cells*.
- Urtzi Garaigorta de Dios, 27/4/2022. *Identification, Optimization and Characterization of New Antivirals*.
- Ana López San Román, 5/7/2022. *The Company as a School of Values and Virtues*.
- Lluís Montoliu, 13/9/2022. *Color Genes*.
- Carlos Río, 3/10/2022. *Cystic Fibrosis: Symptoms, Diagnosis, Treatment and Fagothrapy*.
- Ester Martín Villar, 22/11/2022. *Secrets of the Squamous Cell Carcinoma*.



### Talk to Secondary and Vocational Training Teachers in the XVI Elementary Biotechnology Course *Biotechnology Explorer*

The course was organized by the Department of Molecular Biology of the Autonomous University of Madrid in collaboration with the Severo Ochoa Department of Molecular Center (CSIC-UAM) in July. One more year, Vice Chairperson Inés M<sup>a</sup> Antón gave a talk called *The Colors of Biotechnology: Fluorescent Proteins and Applications*.



### SOLIDARITY MEMBERS



#### Book Stories in Confinement

The coordinator, **Juan Anselmo de Andrés**, and the other authors have offered **Apadrina la Ciencia** all the **benefits raised by the book**, which has been on Amazon [sale lists](#) since 2020.

#### Colaboration with Intermundial Insurance Company

Intermundial has launched a solidarity campaign for the clients of their go | easy and Easy Trip policies to donate €1 Apadrina la Ciencia.



### SOLIDARITY ACTIONS

#### Solidarity Flea Market at the CNB

MERCADILLO SOLIDARIO. VIERNES 16 DICIEMBRE 2022, Sala A del CNB



On December 16th, we had the traditional Apadrina la Ciencia Christmas flea market at the National Center of Biotechnology. The sale of materials made by our collaborators (educational books, costume jewelry, accessories, T-shirts...) was a big success.

#### Solidarity Christmas Lottery

One more year, thanks to PlayLoterías and our solidarity lottery, we raised donations to **fund research projects for our young scientists and disseminate Science in our country.**





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### Crowdfunding Campaigns

**“Beating COVID-19 through Evidence-based Science”** and **“Science: Our Power to Beat COVID-19”**, TWO crowdfunding campaigns that are intended to support research projects on SARS-CoV-2 and promote initiatives for the communication of research results to the general public. Access to the campaigns [here](#).



Apadrina la Ciencia has worked to disseminate knowledge about COVID-19, not only putting emphasis on prevention measures and highlighting the importance of vaccines but also transmitting basic scientific knowledge about SARS-CoV-2 and the ongoing research on this new virus.

### Award Ceremony Apadrina La Ciencia - Ford Motor Company Fund

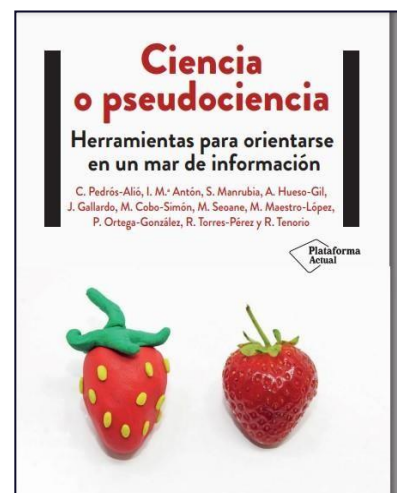
On May 18<sup>th</sup>, the awards were given to the winners of the Ford Community Challenge (Ford3C) 2021 by Apadrina la Ciencia and the Ford Motor Company Fund.



### Presentation of the book *Science or Pseudoscience*

On May 24<sup>th</sup>, this interesting divulgation book by the non-profit organization Apadrina la Ciencia was presented in an event consisting of dialogue and the performance of a short play with journalist Teresa Viejo as the moderator.

A practical guide to make informed decisions against the daily dissemination of alarming, confusing headlines on social networks and the media.



## Annual Report 2022

### Interview in the program “A hombros de Gigantes”

On June 15th, Carmen Simón, Chairperson of Apadrina la Ciencia, talked about the importance of financing and disseminating science and spreading the impact of science on society. Click [here](#).



### Interview in the program “Más de uno” on Onda Cero

Inés M. Antón, Vice Chairperson of Apadrina la Ciencia, was interviewed on June 24th.



### Interview on Radio Televisión Baleares

Carmen Simón, Chairperson of Apadrina la Ciencia, was interviewed on June 29th.

### Interview on the Diario de Baleares

Carmen Simón, Chairperson of Apadrina la Ciencia, was interviewed.

### Apadrina la Ciencia is donated by Social Impact Fund

ALC has been chosen by the videogame developer company Riot Games, based in Los Angeles, as one of the three Spanish NGOs to receive a donation from the Social Impact Fund. The company will devote 3 million euros to 83 non-profit organizations which will receive a minimum of \$15,000 based on the votes cast by 775,000 players. A very funny video was recorded to encourage players to vote for us.



## SOS - ¡WE NEED YOUR HELP!

**No matter how little your help is, you will be contributing to creating a better future for everybody.**

**Be the protagonist. Donate and help us build the future!**

You can do your bit in many ways. Here are some of them:

- **Become a member** with the periodicity and amount you decide.
- **Donate.**
- **Share the posts** on your social networks, blog, etc., **talk about us** and help us reach the maximum number of followers.
- **Share a legacy or inherited goods.**
- **Give a solidarity present.** There is a wide range of options: experiment books for children *We Are All Scientists (Tod@s somos científic@s)*, science T-shirts, science toys...
- **Donate all or part of your wedding, communion presents...**
- **Organize a solidarity event:** flea markets, solidarity races, solidarity rounding... The possibilities are endless!
- **Offer your business collaboration.** A lot of entities have supported us and funded projects this year.

For instance:

- Automobiles: Ford Motor Company
- Laboratories: Merck
- Travelling: Airbnb
- Insurance: Intermundial
- Didactics and toys: Science4you
- Hotels: Petit Palace
- Restaurants: Silk and Soya

Sponsor Science (Apadrina la Ciencia) non-profit association was set up in 2014 and it is supported by more than 280 scientists from all the fields of knowledge and by public and private –both national and international- research organizations to promote scientific research in Spain and social dissemination.

Outstanding work is carried out in Apadrina la Ciencia with four main goals in mind:

- Raising economic resources to support projects by young researchers in Spain.
- Highlighting the importance of investment in science.
- Boosting science vocation among children and youngsters.
- Disseminating research results.

Apadrina la Ciencia was declared a Public Utility Association by the Ministry of Internal Affairs in 2019, so donations are tax-deductible.

Base de la deducción	Deducción
Los primeros 150€	80%
A partir de 150€	35%

Ánimate y ayúdanos a seguir financiando contratos y proyectos de investigación:

**Nº cuenta: ES17 0049 6704 53 2310017199**

Después de la donación envía tu nombre y apellidos y DNI a [apadrinalaciencia@gmail.com](mailto:apadrinalaciencia@gmail.com) para enviarte el certificado de donación.