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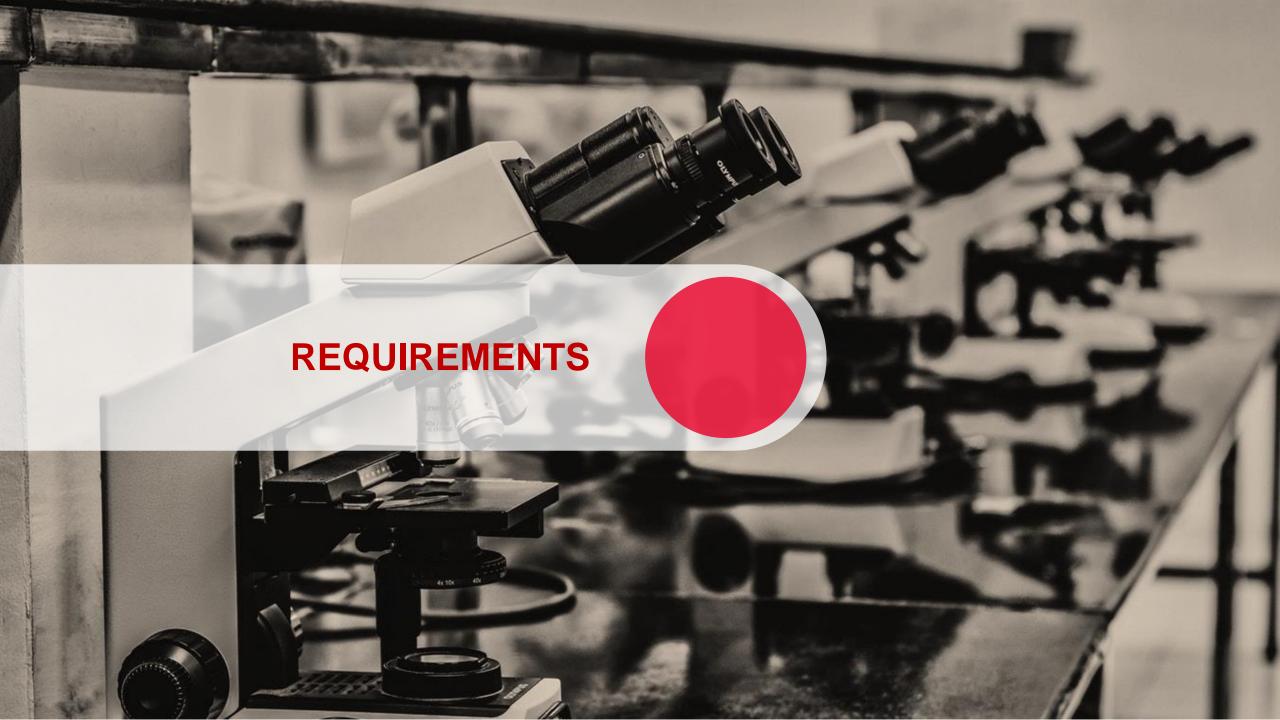
- 1. Requirements
- 2. Research costs
- 3. Administrative information
- 4. Mobility
- 5. Training
- 6. Communication & Dissemination
- 7. Useful links











#### **AS A PHD STUDENT**

- Enrolment: each academic year, in due time (taxes are paid by the COFUND programme).
- Pass the annual evaluation of your research work: PlaInv + DAD (<u>remember the dates!</u>).
- Comply with the requirements of your PhD programme with regards to teaching and research duties.









#### AS A MFP-COFUND FELLOW

- A minimum 3 months stay abroad international distinction of the PhD title.
- Create an ORC-ID.
- Participate in dissemination and communication activities organised by the COFUND Project.
- Do at least 30 hours of transversal skills training, during the 3 years (\*VERSA Project included).
- For non-Spanish/Catalan speaking fellows, we strongly encourage your participation in language
   courses, either within the university, or outside (can be paid by the programme).
- We recommend you to become a member of Marie Curie Alumni Association (MCAA). Register here (indicate the grant agreement number 945413).











- Up to 7,500€ per year.
- They are offered by the University towards the development of the project.
- They are managed by the thesis supervisor.
- The spending must be discussed with the thesis supervisor, and approved by him/her.
- Includes items such as: enrolment in the PhD programme, computer, lab material, software licenses, participation in conferences, payment for articles submission, secondments, etc.
- The funds are administered by the <u>UGAD</u> unit: they check the eligibility of the costs, at the request of your supervisor.











- How to access to digital services of the URV (Intranet, Email, Virtual Campus, electronic journals, etc.)
  - Username (NIF/NIE/passaport)

Ex. NIF: 12345678-L

Ex. NIE: X-12345678-L

Ex. Passaport: T-AB123456789

Password (birth date: DD-MMM-AA)

Ex. 02-MAI-78

Intranet: <a href="https://intranet.urv.cat/">https://intranet.urv.cat/</a>









magement programme for the award of 50 doctoral fellowships

Universitat Rovira i Virgili

C/ de l'Escorxador, s/n, 43003 Tarragona

Q9350003A

CIF: Q9350003A

Compte cotització S.Social: 43100123265

(1) Personal	l inform	ation
(1) I el sona		

Treballador/a:	
NIF:	
Núm.afiliació a la S.Social:	
Cat. o grup professional:	
Grup Cotització:	
Data d'ingrés:	

l	D 14 1		01/00/0010 20/00/0010	** * * *	2.0	
Tipus de paga:	Paga Mensual	Període de liquidació:	01/09/2019 - 30/09/2019	Nre. total de dies:	30	

Meritacions			Deduccions	(3) DEDUCTIO	ONS	
Sou base (2) Basic pay		1.998,79	Quota contingències comunes (Treb.) (4,70%) (4) Social Security tax		93,94	
			Quota atur (Treballac	dor) (1,60%)	(5) Unemployment tax	31,98
			Quota formació professional (Treb.) (0,10%) (6) Quota for professional train		<b>ng</b> 2,00	
			Quota IRPF (17,31%	)	(7) Quota Personal income tax	345,99
-					return	
Total meritacions:	(8) Gross salary	1.998,79 €	Total deduccions:			473,91 €

Import líquid total a percebre (Total Meritacions - Total Deduccions):

<u>Common contingencies</u>: to cover periods when you are unable to work due to common illnesses, non-work-related accidents, retirement, maternity or paternity leave, risk during pregnancy and the need to care for a newborn child during the first year of its life.

Income tax (IRPF): The amount of income tax is calculated over your income during the financial year (which runs from January to December) and is a progressive tax (the greater your income, the higher the percentage you pay in income tax). How to change your IRPF.

(9) Net salary









1,524.88

Management programme for the award of 50 doctoral fellowships

Important Dates: 1 April to 30 June 2023 - for the year 2022

#### (A) Financial consultant (Gestor)

- Apply for an online digital certificate from Social Security
- http://www.seg-social.es/wps/portal/wss/internet/CertificadosDigitales/51671

### (B) Finance Ministry (Hacienda)

- NIE
- IBAN of your account number
- The cadastral reference of the apartment you live in, and the DNI number of the owner (should be in the renting contract). Web: <a href="https://www1.sedecatastro.gob.es">www1.sedecatastro.gob.es</a>
- · Monthly rent amount
- The IRPF certificate that URV has sent you

#### (C) Yourself

- https://www.agenciatributaria.es/AEAT.internet/en\_gb/Renta.shtml
- Choose Cl@ve / digital certificate / reference number
- Video "Renta 2022 Conoce el Portal de Renta 2022"



**Personal Income** 

Tax Declaration









#### INTERNATIONAL SECONDMENTS

- Mandatory secondment (from 3 to 6 months) at a Higher Education Institution or research center
  in a country other than Spain (consecutive or nonconsecutive; in one or different centers,
  academic and/or non-academic).
- This mandatory secondment will provide the fellow with the <u>International Doctor Distinction</u>. The fellow can choose a partner organization that supports the programme, for their secondment or they can suggest a different entity for it.
- Remember to inform HR: (Sol·licitud de permisos per estades d'investigació i/o estudi personal docent i investigador laboral) <a href="http://www.urv.cat/media/upload/arxius/treballar-urv/tramits/PDI/permisos\_pdi/model\_solicitud\_permisos\_PDIL\_mes\_10\_dies.pdf">http://www.urv.cat/media/upload/arxius/treballar-urv/tramits/PDI/permisos\_pdi/model\_solicitud\_permisos\_PDIL\_mes\_10\_dies.pdf</a>









#### **CO-TUTELLE**

An agreement between URV and another university that enables the student to obtain a double doctoral degree. The doctoral students have a thesis supervisor at each university and must spend time studying at each university.

### **Requirements:**

- Documentary proof of secondment (>6 months)
- Agreement between URV and the other university regarding all aspects of the thesis (research stays, defense, training, legal aspects between countries).

More info: <a href="http://www.doctor.urv.cat/en/doctoral-at-urv/convenis/">http://www.doctor.urv.cat/en/doctoral-at-urv/convenis/</a>









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### TRAVEL INSURANCE

Additional compulsory accident insurance for **URV** students

> Included in your registration fee, for each academic year

Max. 90 days, up to 6.000€, travelling outside Spain

**Accident Insurance for** mobility programs

> 52,25€ up to 30.000€ for 6 months 67,90€ up to 30.000€ for 12 months 102,9€ up to 55.000€ for 6 months 118,8€ up to 55.000€ for 12 months 133,65€ up to 105.000€ for 6 months 188,10€ up to 105.000€ for 12 months

For 6 or 12 months, up to 30.000€/55.000€/105.000€ travelling outside Spain

You can find all the info here: Intra net/Assegurances per als estudiants (accidents, mobilitat, repat riació)/Cobertures de les pòlisses d'assegurances

#### **European Health Insurance** Card

https://ec.europa.eu/social/main.jsp? catId=563&langId=en

People from non-EU countries who are legally residing in the EU and are covered by a state social security scheme are also eligible for a card. NOT in: Denmark, Iceland, Liechtenstein, Norway and Switzerland.











- The PhD candidates will be provided with an extensive research training, complemented with a comprehensive transversal skills package: <a href="https://www.urv.cat/en/research/support/programmes/marti-franques/cofund/fellowship/training/">https://www.urv.cat/en/research/support/programmes/marti-franques/cofund/fellowship/training/</a>
- Requirement: do at least 30 hours of transversal training, for the 3 years of your contract.
- All courses will be announced by email (name.surname@urv.cat) and will be advertised here:
   <a href="http://www.ice.urv.cat/moduls/doctorand/cursos.php">http://www.ice.urv.cat/moduls/doctorand/cursos.php</a> (use this link for registration).









## TRANSVERSAL SKILLS - TRAINING COURSES

Thinking ahead – career options and planning for PhDs

Writing Scientific Articles

Presentation skills

The literature review process in Science & Technology

The literature review process in Social Sciences

Using posters to communicate research

Your first conference

Social impact of research

Research ethics

Gender in research

Research data management

How to innovate in your research project

Career planning for the last 2 years of PhD

Going on with your thesis

Communicating research to the media and the public

A toolbox for improving creativity in research

Recruitment interviews and selection – a practical guide

Applying for academic jobs

Applying for industry jobs

Finishing your thesis











#### **ACKNOWLEDGEMENT OF EU FUNDING**

- You are obligated to explicitly acknowledge that your action has received EU funding. So, be sure to include the following sentence in your papers, posters, thesis, book chapters or other products of your research:
  - This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 945413 and from the Universitat Rovira i Virgili (URV).
- Moreover, both the EU emblem and the Universitat Rovira i Virgili logo should be used in visual materials, such as posters or websites.
- **Disclaimer**: Any dissemination of results must indicate that it reflects only the author's view and that the Agency is not responsible for any use that may be made of the information it contains.







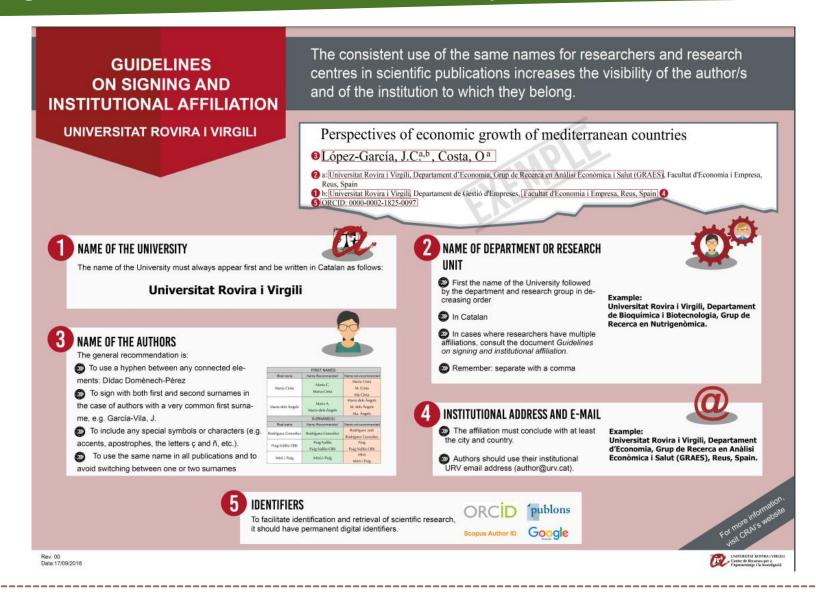


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#### **URV AND AUTHORS VISIBILITY**

Check out the Guidelines on signing and institutional affiliation:

- https://www.crai.urv.cat/media/uploa d/domain\_2232/arxius/crai/recerca/l nfografia%20directrius%20definitiva %20final%20\_ANG.pdf
- https://www.crai.urv.cat/media/uploa d/domain\_2232/arxius/crai/anglesw eb/directriussignatura%20angles.pdf













#### ositori sur v cat

# MARTÍ I FRANQUÈS COFUND PLUS

#### Management programme for the award of 50 doctoral fellowships

#### **DISSEMINATION**

- "Art. 29.1 The fellows must disseminate their results by disclosing them to the public by appropriate means".
- <u>ComCiència</u> organises transversal activities of scientific disclosure, aimed at a wide range of public. Such as Science Week,
   European Researchers' Night, Summer Lab, "Vols saber què investigo?", among others.
- At least 1 outreach activity during the 3 years.

#### **ALIGNMENT WITH OPEN SCIENCE POLICY**

- "Art. 29.2 The beneficiary **must ensure open access** (free of charge online access for any user) to all peer reviewed scientific publications **and data** relating to its results".
- Open Access + <u>URV Institutional Repository</u> (repositori@urv.cat).
- URV Internal Call: <u>OPEN Ajuts per publicar articles científics en accés obert</u>
- Thanks to the agreements signed with the publishers ACS, Elsevier, Springer Nature and Wiley the authors of the URV can publish for free in open access in some of their journals. Check out here.









### Management programme for the award of 50 doctoral fellowships

### **OUTREACH ACTIVITIES - Dissemination of your research**

















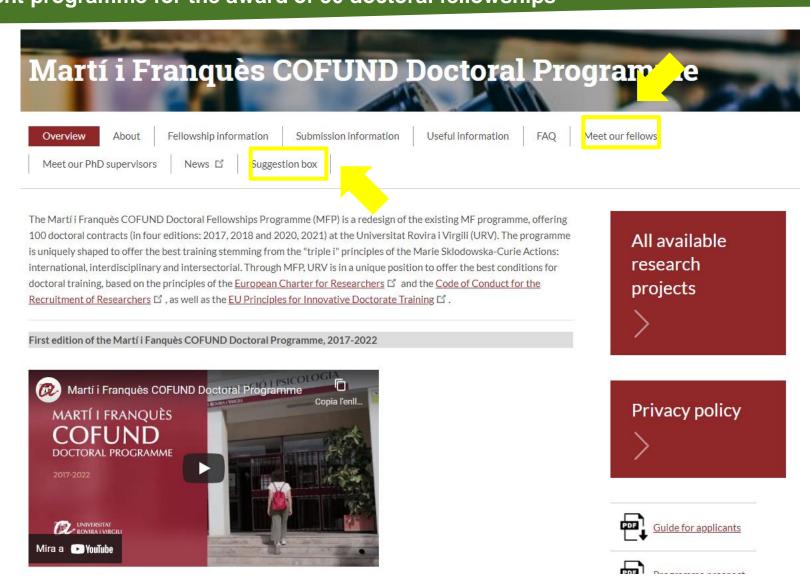












WEB PAGE www.urv.cat/cofund









#### Management programme for the award of 50 doctoral fellowships



Optimal design and optimization of sustainable chemical processes



Study and Development of Ternary System of Organic Solar Cells based on non-Fullerene small Molecules Acceptors

Alfonsina Abat



Financial performance of airline industry: How big is the difference between accounting and market



2D Nanomaterials for Gas sensing and Energy



Bio-inspired nanochannel platforms for the detection of pathogens in the early stages of blood stream infections



Challenging Conventional Wisdom on Waiting Behaviour



Data Processing and Analysis for Metabolomic Studies



Co-creation of public services: drivers, mechanisms of citizens engagement and social inclusion



Coalescence dynamics of emulsions stabilized with insect proteins using microfluidics





PhD Programme: Technologies for Nanosystems, Bioengineering and Energy

arch group: MinoS - Microsystems and Nanotechnologies for Chemical

upervisor: Eduard Llobet Valero



Aanchal Alagh joined the <u>Amity Institute of Nanotechnology</u> ☐ (India) in 2011 as a dual Bachelor's and Master's student in Nanotechnology. The five-year course gave her insight into the fascinating applications and remarkable scope of nanomaterials. In 2016, she got an opportunity to work at the Institut de Ciència de Materials de Barcelona ☑ , UAB, for her master's thesis on "Growing a homogeneous layer of ferromagnetic core-shell nanocubes for arsenic removal from water". This experience aided her in gaining practical knowledge in the field of nanoparticle synthesis through PVD method and exploring it for water purification application. Also, she presented her work through Poster presentation in Nanoselect NOE-Annual meeting in Girona, Spain. Later, in 2017 she joined the Department of Metallurgical Engineering and Materials Science of the Indian Institute of Technology in Bombay. She worked on Development of icephobic coatings for aerospace applications (project funded by BOEING). She was awarded with first prize for her poster on "A New Generation Self-Cleaning Coatings for Universal Applications" in the 13th International Symposium on Surface Engineering and Paint Coatings & EXPO 2017 held in Pune, India. She also got an opportunity to work as an exchange student in chair of Inorganic Chemistry at University of Cologne in Germany through DAAD scholarship. Here she worked on synthesis of spinel nanoparticles and incorporated them in the developed hydrophobic coating for enhanced results and properties. Also depositing thin layers of hydrophobic cotings using PECVD.

#### Contact

- A Departament d'Enginyeria Electrònica, Elèctrica i Automàtica
- ✓ alagh.aanchal@urv.cat
- ORCID E

#### Project: 2D Nanomaterials for gas sensing and energy

On one hand, the aim of the thesis is to synthesis mono and dicalcogenides using mechanical and chemical exfoliation techniques, emphasising more on deposition by chemical vapor deposition for Gas sensing application, this will be followed by a detailed study of chemical composition, morphology and study of the defects present in the nanomaterials obtained and / or synthesized. Her focus is to emphasis more on the scalable synthesis of these 2D nanomaterials, either directly or by transferring them later, to different application substrates. While on the other hand, she will also work on the development of detection devices of functional gases (configurations of field effect or resistive transistors) that uses the developed materials and works as a gas sensor.

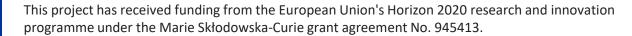
#### Open Access publications

- González, Ernesto, Juan Casanova-Chafer, Aanchal Alagh, Alfonso Romero, Xavier Vilanova, Selene Acosta, Damien Cossement, Carla Bittencourt, and Eduard Llobet, 2021, "On the Use of Pulsed UV or Visible Light Activated Gas Sensing of Reducing and Oxidising Species with WO<sub>3</sub> and WS<sub>2</sub> Nanomaterials". Sensors 21, no. 11: 3736. View full-text □ .
- Aanchal Alagh, Fatima Ezahra Annanouch, Khaled Al Youssef, Carla Bittencourt, Frank Güell, Paulina R. Martínez-Alanis, Marc Reguant, Eduard Llobet, PdO and PtO loaded WS2 boosts NO2 gas sensing characteristics at room temperature. Sensors and Actuators B: Chemical. Volume 364, 2022. 131905. View full-text □ .

#### Outreach activities

- European Researchers' Night 2019: "Ciència amb nom de dona".
- European Researchers' Night 2020: "The paths of water".











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#### SOCIAL MEDIA <u>www.twitter.com/cofundURV</u>























- COVID-19. Information and effects for the URV community:
  - https://www.urv.cat/en/ly/coronavirus/
- Welcome Guide (HR). Guide intended to help new staff to integrate into the URV:
  - https://www.urv.cat/media/upload/arxius/treballar-urv/acollida/WelcomeGuideURV\_PDI.pdf
- International Student's Survival Guide (I-CENTER)
  - http://www.urv.cat/international/media/upload/arxius/Mobility/Guia/Survival%20Guide%20201
     819.pdf
- Come at the URV
  - https://www.urv.cat/en/research/support/pre-award/come-at-urv/









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