

## CV – Paula Sebastián Pascual



Name: Paula Sebastián Pascual

Affiliation: Department of Chemistry, KTH

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Profiles: [Paula Sebastián - Google Académico](#), ABH-5533-2022.

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### Current position

- *Tenure Track Assistant Professor in Electrocatalysis and WISE fellow* Jan 2024 – present  
Department of Chemistry, KTH Royal Institute of Technology (Sweden)

### Previous positions

- *Assistant Professor and later principal investigator* Nov 2022 – Dec 2023  
Department of Chemistry, University of Copenhagen, UCPH (Denmark)
- *Postdoctoral researcher* Nov 2018 – Oct 2022  
University of Copenhagen (UCPH), Department of Chemistry, Center for High Entropy Alloy Catalysis, Denmark (Advisors: Prof. M. Escudero Escribano 2018-2022 & Prof. J. Rossmeisl 2022)

### Higher education degrees

- *PhD* in Electrochemistry. Science and Technology, Alicante University (Spain) 2018-07-20  
Supervisors: Prof. Juan Miguel Feliu Martínez and Prof. Elvira Gómez
- \*Research stays:
  - 1) Xiamen University (China) (3-months, 2014)  
Supervisor: Prof. Bingwei Mao
  - 2) Massachusetts Institute of Technology MIT (USA) (3-months, 2016).  
Supervisor: Prof. Yang Shao-Horn as supervisor
- *MSc* in Electrochemistry. Science and Technology, Barcelona University (Spain) 2013-07-23
- *BSc* in Chemistry, Valencia University (Spain) 2012-07-26
- \*BSc research project developed in Leiden University (Netherlands) (2011-2012)  
Supervisors: Prof. Marc Koper and PhD Matteo Duca

### Research grants and projects (as main applicant and principal investigator)

- Villum Young Investigator grant (starting grant)  
(Villum Fonden, Denmark) 2023 – 2027
- WISE Fellowship starting grant package  
(Wallenberg Initiative Material Science for Sustainability) 2024 – 2027
- Vr Starting grant  
(The Swedish research council) 2025-2028

### Research grant as participant

- *DFF project-1 (Named postdoc of the project. PI: Prof. M. Escudero-Escribano)*  
(Danmarks Frie Forskningsfond) 2021-2023

### Selected awards and distinctions

- Young Talents in Electrochemistry under the age of 40 in Spain (GEE.RSEQ) 2024
- Villum Young investigator 2023, Denmark (Villum Fonden) 2023

- ISE travel award (International Society of Electrochemistry, ISE) 2020
- V “Antonio Aldaz” award for best Spanish Ph.D. thesis in Electrochemistry (GEE.RSEQ) 2020
- XXVII “San Alberto Magno” award for best Ph.D. thesis Alicante region, Spain (RSEQ) 2020

### Supervision

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- 3 PhD students at UCPH, 1 at KTH (co-supervisor) 2021 – present
- 3 MSc students at UCPH (co-supervisor) 2021 – 2024
- 1-year Villum Research Assistant at UCPH (main supervisor) 2023–2024
- 1-postdoc researcher at KTH (main supervisor) Dec 2024

### Teaching

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- Organic Chemistry (KemiONat) 2021, 2023  
UCPH, lab demonstrator, assistant teacher
- Analytical Chemistry 2024, 2025  
KTH, teacher and lab demonstrator
- Chemical Equilibrium 2025  
KTH, assistant teacher, lab demonstrator

### Positions of trust

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- Board member and chairperson of the Danish Electrochemical Society, DEF 2022, 2023  
(<https://www.electrochemistry.dk/>)
- Evaluator in two PhD defences from:  
Alicante University, Spain, Uppsala University, Sweden 2024

### Organization activities

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- Organizer of the annual meeting in Electrochemistry, Denmark 2023  
(Danish Electrochemical Society, DEF)
- Symposium organizer at MATSUS24, materials for sustainable development, Spain 2024  
(NanoGe conferences)

### Conference and lectures. Selected invited talks

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- 2024 MRS Fall Meeting & Exhibit (confirmed talk), Boston (USA) 2024
- IUPAC World Chemistry Congress 2023, The Hague (Netherlands) 2023
- Youth talks, young scientist shaping the future, vol.18, ican-x.com, online 2023
- NanoGe Fall Meeting, Spain 2022
- Imparted seminars at DTU Energy (Denmark) and at KTH university (Sweden) 2023-2024

### Scientific activity

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H-index: 26; Scientific publications: 41; Citations: >2550 (Google Scholar, 2024-11-18).

- Manuscript reviewer of journals in physical chemistry, electrochemistry and materials science:  
ACS Catalysis, Nature Communications, Nature Catalysis, Nature Synthesis, ACS sustainable chemistry & engineering, Electrochimica Acta, Electrochemical science advances, ChemElectroChem...

### Hobbies or other interests

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- Kitchen is my second lab
- Hiking, exploring nature, exploring small towns
- Going to cafés, “tapeo”, a good beer and a good conversation
- Yoga, Gym, salsa, listening to podcasts, some sports