



# ESTEBAN PICCININI

CONICET Researcher – National University of La Plata  
Research Leader at GISENS BIOTECH

*Scientist, inventor and entrepreneur*

Nacionalidad: Argentina

Date of birth 16/11/1989

## EDUCATION

2019 | Ph.D. in Chemistry - National University of La Plata - Argentina

2014 | Lic. in Chemistry - National University of La Plata - Argentina

## PROFESSIONAL EXPERIENCE

2022-present	Tenured Scientific Researcher at the National University of La Plata, INIFTA - CONICET). R+D field: Organic Bioelectronics
2019-present	Research Leader at GISENS BIOTECH (Berkeley Skydeck batch 16)
2019 -2022	Postdoctoral Fellowship CONICET
2016-2018	Member as PhD student of the Marie Skłodowska-Curie Research and Innovation Staff Exchange (RISE) HYMADE project – European Union's Horizon 2020
2016-2017	Research and development internship at Austrian Institute of Technology - Vienna, Austria. 12 months. Director: Prof. Dr. Wolfgang Knoll
2014	Research internship at CIC BIOMAGUNE - San Sebastian, Spain. 2 months. Director: Prof. Dr. Sergio Moya
2014-2016	Teaching Assistant in Chemistry - Faculty of Exact Sciences, National University of La Plata
2013-2014	Teaching Assistant Student in Chemistry - Faculty of Exact Sciences, National University of La Plata
2012-2013	Analytical Chemist at LIS Laboratory
2011-2012	Analytical Chemist at the petrochemical analysis company Inlab S.A.

## PROFESSIONAL AWARDS AND RECOGNITION

2023	eAwards (NTT Data Foundation). 1 <sup>st</sup> prize in the regional contest.
2022	MIT Innovator Under 35. MIT Technology Review: <a href="http://www.innovatorsunder35.com/the-list/esteban-piccinini">www.innovatorsunder35.com/the-list/esteban-piccinini</a>
2021	Prof. Doctor Luis Federico Leloir Award for the best doctoral thesis in chemistry in Argentina– University of Buenos Aires (2021)
2021	Recognition for the development tasks carried out to contain the COVID-19 pandemic - National University of La Plata
2019	1st prize in the LATAM 100K Contest - Technological Institute of Buenos Aires (ITBA) and Massachusetts Institute of Technology (MIT) - Accelerate Category (2019) <a href="http://100klatam.org/winners/">http://100klatam.org/winners/</a>
2019	1st prize in the EMPRENDENDOR X Contest - Banco Santander Rio

- 2019 1st prize in the Israel Innovation Awards - MINCYT - Embassy of Israel - Argentine-Israeli Chamber of Commerce (2019)  
<https://www.argentina.gob.ar/noticias/se-entregaron-los-israel-innovation-awards-2019>
- 2019 2nd prize in the Banco Nación Innovative Entrepreneurship Contest
- 2019 Prize in the Prendete Contest -UNICEN - City of Tandil
- 2019 Special award for mentoring and networking in the Startup Competitions Contest – Universidad de San Andrés
- 2018 Award for the best biotechnology project in the IB50k Technological Contest - Instituto Balseiro - CNEA - UNCU  
<https://www.ib.edu.ar/comunicacion-y-prensa/noticias/item/1168-el-balseiro-announcement-the-winners-of-the-ib50k-contest-2018.html>
- 2018 3rd prize in the IB50k Technological Contest - Instituto Balseiro - CNEA - UNCU
- 2018 INNOVAR Award - Ministry of Education, Culture, Science and Technology (MECCyT) - Researchers Category  
<https://laplata.conicet.gov.ar/investigadores-del-conicet-la-plata-fueron-reconocidos-en-the-innovate-awards-2018/>

## PATENTS AND INTELLECTUAL PROPERTY

- 2021 Inventor of the invention patent "Sensors And Systems Based On Two-Dimensional Nanosheet Field-Effect Transistors, Methods Of Preparation And Devices For Their Operation" - PCT ref. N°: PCT/IB2021/054656; United States: US20230236147A1
- 2020 Inventor of the invention patent "Sensor basado en un transistor de efecto de campo (FET) puenteado por una solución electrolítica o muestra biológica, donde el canal del transistor se encuentra recubierto con un film mesoporoso y método de fabricación de transistores de efecto de campo recubiertos con films mesoporosos" – ARG – INPI Ref. N°: P200101500.

## MY 5 MOST RELEVANT SCIENTIFIC PUBLICATIONS (PEER REVIEWED)

- 2022 E. Piccinini, G. E. Fenoy, A. L. Cantillo, J. A. Allegretto, J. Scotto, J. M. Piccinini, W. A. Marmisollé and O. Azzaroni, Adv. Mater. Interfaces, 2102526,  
<https://doi.org/10.1002/admi.202102526>
- 2021 E. Piccinini, J. A. Allegretto, J. Scotto, A. L. Cantillo, G. E. Fenoy, W. A. Marmisollé and O. Azzaroni, ACS Appl. Mater. Interfaces.  
<https://doi.org/10.1021/acsami.1c12142>
- 2020 J. Scotto, E. Piccinini, C. von Bilderling, L. L. Coria-Oriundo, F. Battaglini, W. Knoll, W. A. Marmisolle and O. Azzaroni, Appl. Surf. Sci., 146440.  
<https://doi.org/10.1016/j.apsusc.2020.146440>
- 2018 Piccinini, E.; Alberti, S.; Longo, G. S.; Berninger, T.; Brey, J.; Dostalek, J.; Azzaroni, O.; Knoll, W. The Journal of Physical Chemistry C, 122(18), 10181-10188.  
<https://doi.org/10.1021/acs.jpcc.7b11128>
- 2017 Piccinini, E.; Bliem, C.; Reiner-Rozman, C.; Battaglini, F.; Azzaroni, O.; Knoll, W. Biosensors and Bioelectronics, 92(05), 661-667.  
<https://doi.org/10.1016/j.bios.2016.10.035>

Please, find all my publications in: <https://scholar.google.com/citations?user=w4gtQvAAAAAJ&hl=es>

## LECTURES AT CONFERENCES AND SEMINARS

Please, find all my lectures in: <https://softmatter.quimica.unlp.edu.ar/>

Find more details about my career here: <http://www.linkedin.com/in/esteban-piccinini-851b77164>