Stanford

Irene Pachon Angona

Postdoctoral Research Fellow, Gastroenterology

Bio

BIO

I studied Pharmacy in the University of Seville, in the south of Spain. After that, I didi one first MSc in Molecular Biology, at CEA in Grenoble (France). However, I realized that I was more interested in chemistry. For this reason, I decided to specialzed in Medicinal Chemistry and Pharmaceutical Innovation with another MSc at the University Grenoble Alpes (France).

In 2019, I received my Ph.D. in Medicinal Chemistry from the University of Franche-Comté in France. My work in the laboratory of Prof. Lhassane Ismaili focused on the synthesis of multi-targeting ligands, using the Ugi and Hantzsch multicomponent reaction, to target different factors involved in Alzheimer's disease as potential therapeutics. I joined Prof. Glenn lab at Stanford University where I am interested in the synthesis of broad-spectrum antivirals that target the host PI-kinases.

PROFESSIONAL EDUCATION

- PhD, University of Franche-Comté, France , Medicinal Chemistry (2019)
- MSc, University of Grenoble Alpes, France , Medicinal Chemistry (2016)
- MSc, CEA of Grenoble, France , Molecular Biology (2015)
- Degree, University of Seville, Spain , Pharmacy (2014)

STANFORD ADVISORS

- Jeffrey Glenn, Postdoctoral Faculty Sponsor
- Jeffrey Glenn, Postdoctoral Research Mentor

LINKS

- LinkedIn: www.linkedin.com/in/irene-pachon-angona

Publications

PUBLICATIONS

- **Synthesis of Hantzsch Adducts as Cholinesterases and Calcium Flux inhibitors, Antioxidants and Neuroprotectives** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*
  Pachon Angona, I., Martin, H., Daniel, S., Moraleda, I., Bonet, A., Wnorowski, A., Maj, M., Jozwiak, K., Iriepa, I., Refouvelet, B., Marco-Contelles, J., Ismaili, L.
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- **Triazolopyridopyrimidine: A New Scaffold for Dual-Target Small Molecules for Alzheimer's Disease Therapy** *MOLECULES*
  Zribi, L., Pachon-Angona, I., Bautista-Aguilera, O. M., Diez-Iriepa, D., Marco-Contelles, J., Ismaili, L., Iriepa, I., Chabchoub, F.
  2020; 25 (14)

- **Design, Synthesis and Biological Evaluation of New Antioxidant and Neuroprotective Multitarget Directed Ligands Able to Block Calcium Channels** *MOLECULES*

Angona, I., Daniel, S., Martin, H., Bonet, A., Wnorowski, A., Maj, M., Jozwiak, K., Silva, T., Refouvelet, B., Borges, F., Marco-Contelles, J., Ismaili, L.
2020; 25 (6)

- **Synthesis of new ferulic/lipoic/comenic acid-melatonin hybrids as antioxidants and Nrf2 activators via Ugi reaction** *FUTURE MEDICINAL CHEMISTRY*
  Pachon-Angona, I., Martin, H., Chhor, S., Oset-Gasque, M., Refouvelet, B., Marco-Contelles, J., Ismaili, L.
  2019; 11 (24): 3097–3108

- **Synthesis, antioxidant and A beta anti-aggregation properties of new ferulic, caffeic and lipoic acid derivatives obtained by the Ugi four-component reaction** *BIOORGANIC CHEMISTRY*
  Benchekroun, M., Pachon-Angona, I., Luzet, V., Martin, H., Oset-Gasque, M., Marco-Contelles, J., Ismaili, L.
  2019; 85: 221–28

- **Donepezil plus chromone plus melatonin hybrids as promising agents for Alzheimer's disease therapy** *JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY*
  Pachon-Angona, I., Refouvelet, B., Andrys, R., Martin, H., Luzet, V., Iriepa, I., Moraleda, I., Diez-Iriepa, D., Oset-Gasque, M., Marco-Contelles, J., Musilek, K., Ismaili, L.
  2019; 34 (1): 479–89