

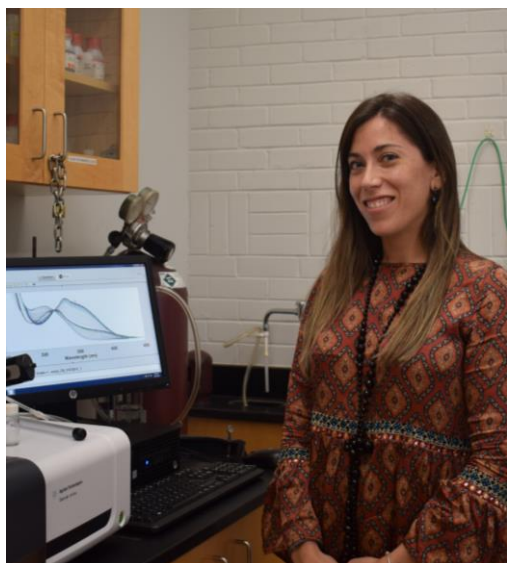
2020 Michael John Page Postdoctoral Fellow Award

The Michael John Page Postdoctoral Fellow Award recognizes a Postdoctoral Fellow who reflects Dr. Page's academic excellence and his passion for life.



Award Ceremony
Wednesday, October 21, 2020
Zoom link will be sent
11:00 - 12:00pm

Dr. Michael John Page



Dr. Lupe Jaraquemada-Peláez
Postdoctoral Fellow, 2020 Award Recipient
Orvig Lab, UBC Department of Chemistry & CBR
Join Lupe as she presents:

"Design: from the Arts to Radiopharmaceuticals"

Thank you to our Sponsors:



**Department of Biochemistry and
Molecular Biology, UBC**

**Michael Page
Endowment**

“Design: from the Arts to Radiopharmaceuticals”

In this talk, I will describe the journey that brought me to Vancouver. From my childhood and early days of studying chemistry in Spain, to designing jewellery and rediscovering my love of chemistry (inorganic of course!) in Sardinia, Italy. In Sardinia's capital, Cagliari, I learned solution thermodynamic methods for studying physiological iron chelation. At UBC, I have brought these skills to explore topics related to metal-based radiopharmaceutical design. I will present a rigid, acyclic chelator ($H_2CHXhox$), synthesized and evaluated for $[^{67}Ga][Ga(CHXhox)]^+$ SPECT/CT imaging. The extraordinary thermodynamic stability, kinetic inertness and *in vivo* pharmacokinetics have revealed this ligand is an excellent candidate for future radiopharmaceuticals.