

Histidine-containing oligopeptides to reduce copper/amyloid- β toxicity in Alzheimer's Disease

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Personal Group Page

<http://www.bio-inorganic-chemistry-icrea-ub.com/>

ICREA Prof. Patrick Gamez, FRSC

Research team leader

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Overview of honors, memberships and output:

- **1996** Sigma-Aldrich-Fluka French Chemical Society prize for the Ph.D results
- 18 months Marie Curie postdoc fellowship (European grant)
- Vice-President of the Spanish Bioinorganic Chemical Society ([Asociación Española de Bioinorgánica](#))
- Member of the Advisory Board of [Inorganic Chemistry Frontiers](#)
- Associate Editor of [RSC Advances](#) (July 2015 - June 2017)
- [Fellow of the Royal Society of Chemistry](#)
- President founder of the Association Science Squared (Science2; www.sci2.org)
- Founder and Editor-in-chief of Chemistry Squared (Chem2; www.chem2.org), the Chemistry Journal of Science
- Author of **238** publications - h-index: **53** - **11091** citations (WoS)
- **74** oral communications and invited lectures
- ResearcherID: [B-3610-2012](#)

The Gamez Group

Research in the Gamez Group is focused on the exploitation of the variety and richness of [Coordination Chemistry](#) (allowing unlimited combinations between organic ligands and metal ions) to tackle two important health issues, *i.e.* [cancer](#) and [Alzheimer's disease](#).

Keywords

medicinal inorganic chemistry - bio-inorganic chemistry - amyloid-beta - peptide-based drugs - copper - Reactive oxygen species (ROS) - structure-targeted biomolecular recognition - DNA structures - theragnostics - nanoparticles

