**Post-Doctoral Researcher in Surface Modification/Advanced Electrocatalysts Actuation.**

**Within the Dicyt Projects of The University of Santiago of Chile, we are looking for a Post-Doctoral Researcher to work in the Dr. Tasca group.**

The group works towards the development of electrocatalysts for very important reactions as the oxygen reduction reaction, CO2 reduction, N2 Reduction. The studied catalysts range from precious materials such as Pt or Au nanoparticles to biological protein such as laccase enzyme and living bacteria.

**Main Tasks and responsibilities:**

The successful candidate will be mostly involved in the development, synthesis, and characterization of catalytic inks for the oxygen reduction reaction and in the writing of reports and publications with ongoing results.

**Education, Experience, Knowledge and Competencies required:**

PhD in Chemistry, Nanotechnology, Materials Science, or equivalent degrees.

o   Knowledge

Experience in electrochemistry. Preferably with experience in electrocatalysts or bioelectrocatalysts, sensors and biosensors.

Lab chemistry

Experience in microscopic and spectroscopic characterization techniques will be valued

o   Competencies

Fluent English both spoken and written

Teamwork skills

**Summary of conditions:**

o   Full-time work (37,5h/week)

o   Contract Length: 1 year.

o   Location: Faculty of Chemistry and Biology, Universidad de Santiago de Chile

Estimated Incorporation date: As soon as possible.

**Apply by email to****federico.tasca@usach.cl****,**adding

o   A cover letter.

o   A full CV including contact details.

o   2 Reference letters or referee contacts.

Deadline for applications: April 31st.