

## **Postdoctoral position to investigate cellular responses triggered by CO<sub>2</sub>**

A postdoctoral position is available at the Laboratory of Biochemistry of Radicals & Oxidants at Chemistry Institute USP, São Paulo, Brazil. Carbon dioxide (CO<sub>2</sub>), ubiquitous in the environment and aerobic organisms, reacts with relevant oxygen metabolites to produce redox active metabolites. These metabolites likely influence cellular homeostasis and oxidative stress as we briefly discussed recently (<https://doi.org/10.1007/s12551-021-00860-3>). To better understand these influences, the formation of carbon dioxide redox metabolites in cells and triggered cellular responses will be investigated in the highly collaborative environment of the RIDC Redoxoma (<http://redoxoma.iq.usp.br/>).

This opportunity is open to applicants of any nationality for 30 days after publication. The candidate must have a PhD (less than 6 years) in Biochemistry, Molecular Biology or related areas. Previous experience with cell transformation, protein expression and purification, kinetics and proteomics will be prioritized. Candidates should send a one-page motivation letter, curriculum vitae and a letter of recommendation to Prof. Ohara Augusto ([augusto@iq.usp.br](mailto:augusto@iq.usp.br)).

The selected candidate will receive a PD fellowship from the São Paulo Research Foundation (FAPESP) R\$ 8.479,20/monthly (approximately US\$ 1,800.00/monthly) and a research contingency fund 10% of the annual value of the fellowship to spend in items related to the research activity.

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