

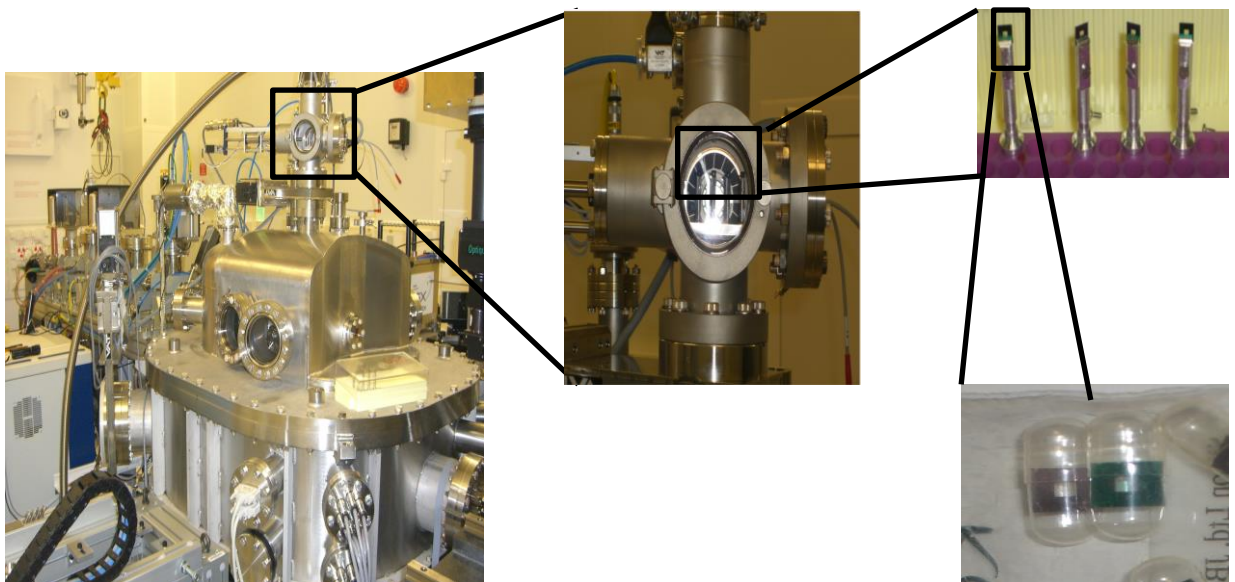


Aprender

Microscopia de Fluorescência de raios-X

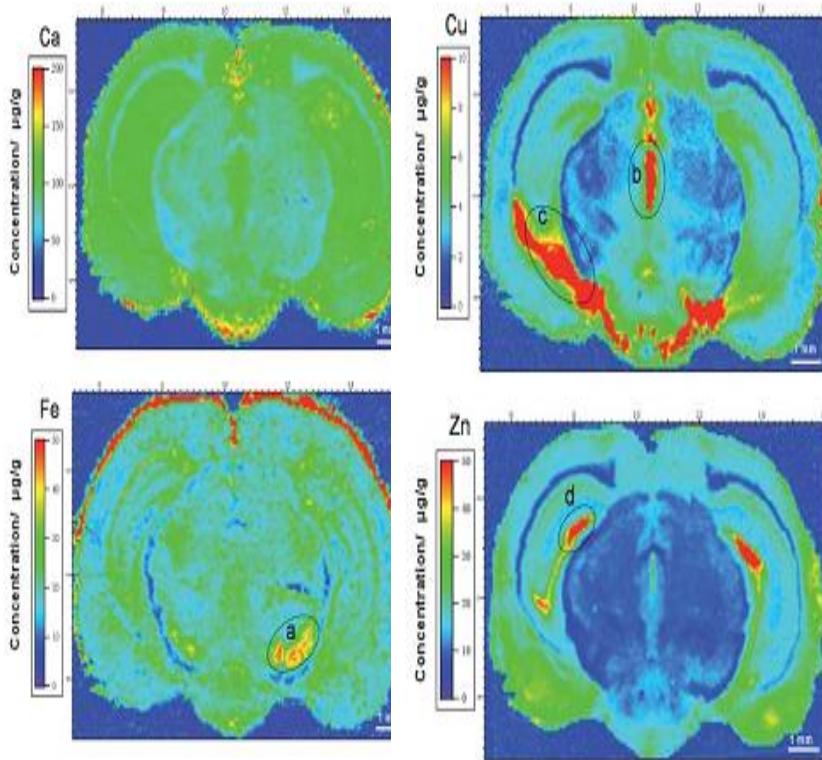
Localiza os metais dentro das células

Onde se faz ? em sincrotrão





Aprender **Secção cerebral de rato com doença de Alzheimer**

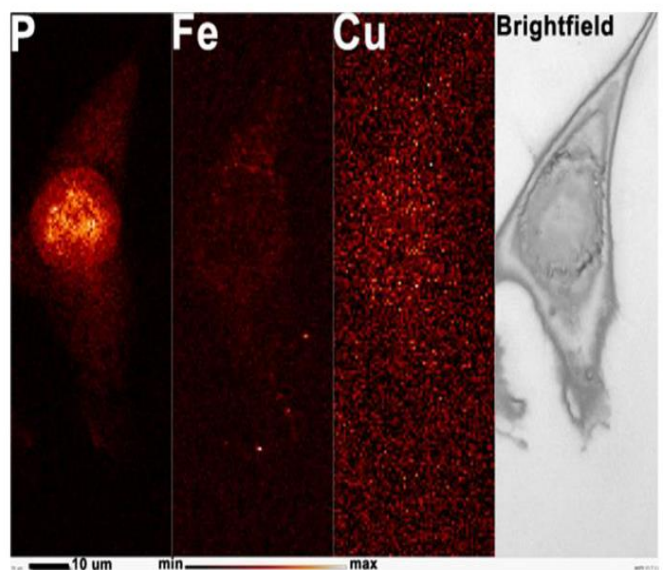


- a. Região da substância nigra
- b. Região do corpo caloso
- c. Região do hipocampo
- d. Região do hipocampo

J Anal At Spectrom. (2010) 25, 328

Localização de metais em fibroblasto humano

P- fosforo
Fe - Ferro
Cu – cobre



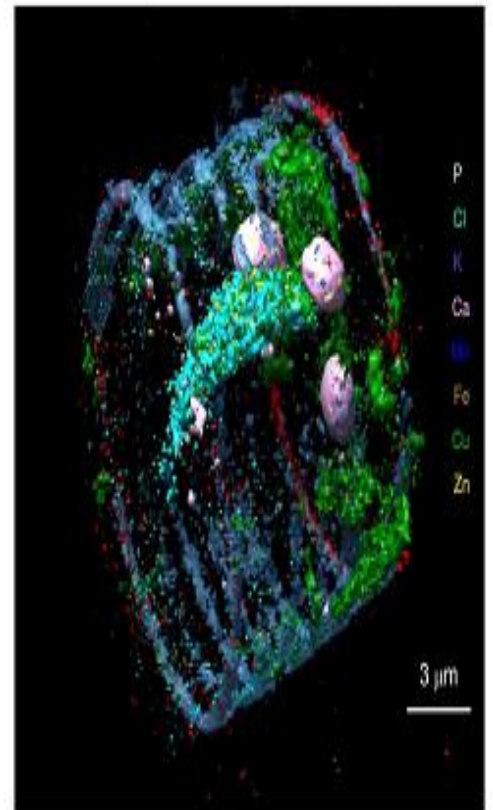
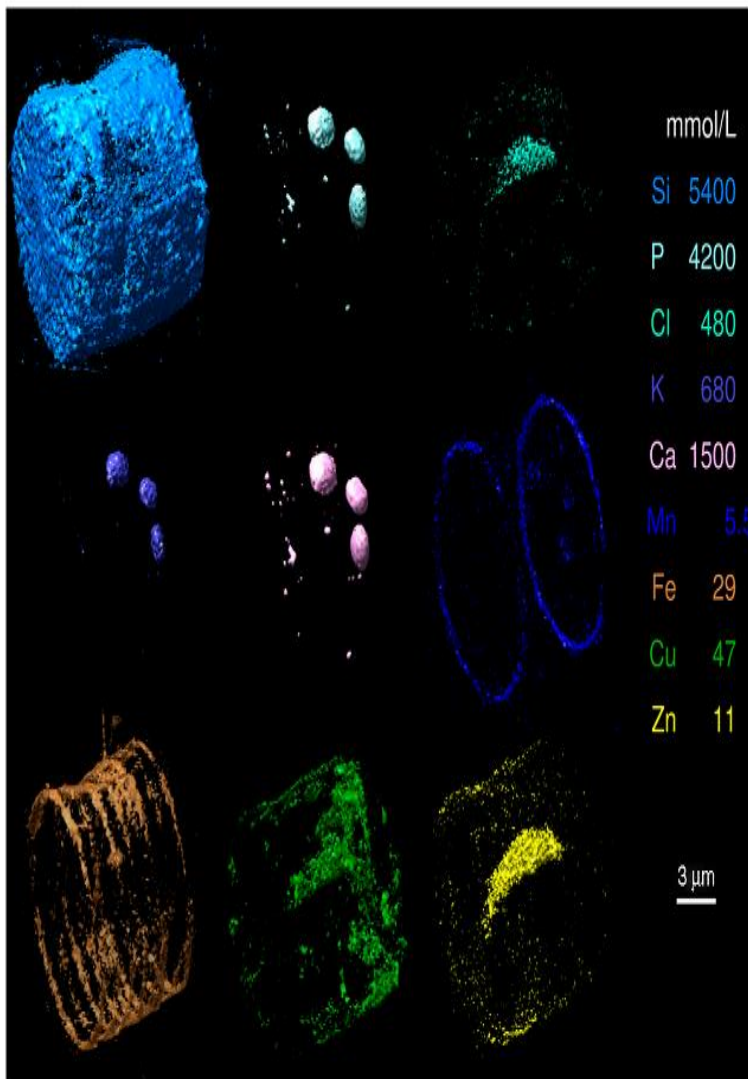
Anal Bioanal Chem. (2013) 405, 1809



Aprender

Cyclotella meneghiniana

Visualização tomográfica da distribuição dos vários elementos



PNAS. (2010) 107, 15676

Intermédio

Química

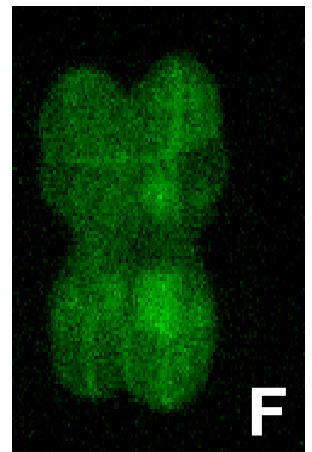
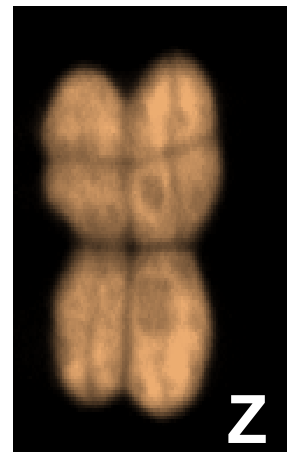
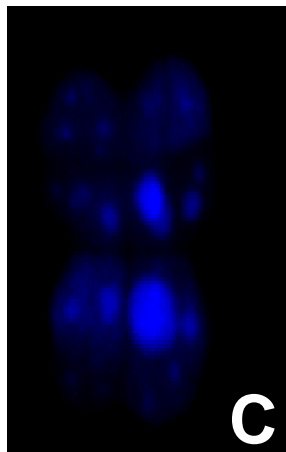
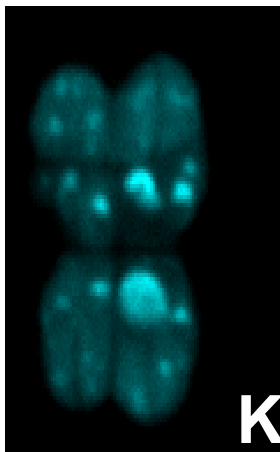
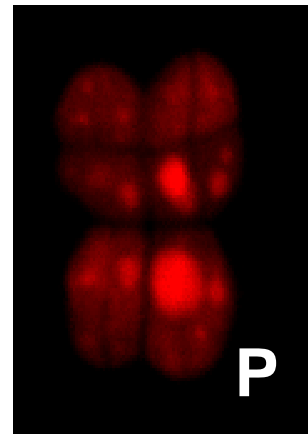
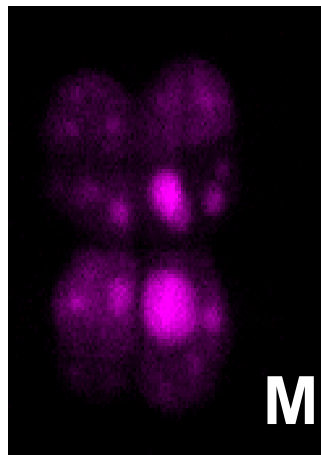
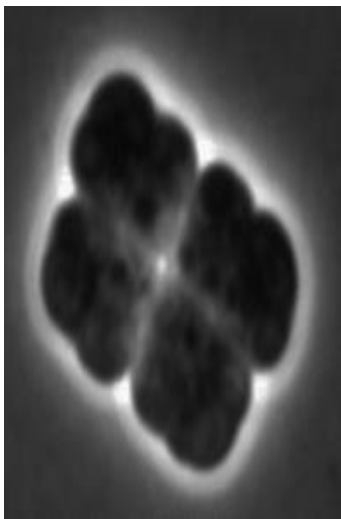
www.itqb.unl.pt/experimenta



Aprender

Deinococcus radiodurans

Bactéria extremamente resistente à radiação



Catarina Pimentel, Claudina R. Pousada Lab

www.itqb.unl.pt/experimenta