

Curriculum Vitae

Name Célia Maria da Cruz Fernandes
Date of birth 28 June 1961
Place of birth Fajão, Pampilhosa da Serra
Nationality Portuguese
Home address Rua Cidade de Porto Amélia nº14, 1800-114 Lisboa, Portugal

Work History

Feb 2009 Researcher at Instituto Tecnológico e Nuclear, Estrada Nacional 10, 2686 Sacavém, Portugal
Sept. 99 – Feb 09 Research Assistant, Instituto Tecnológico e Nuclear, Sacavém, Portugal
Sept. 95 – Sept 99 Research Trainee, Instituto Tecnológico e Nuclear, Sacavém, Portugal
Sept. 90 – Sept 95 Technician - Technical career, INETI, Radioisotopes Department, Sacavém, Portugal
Oct. 86 – Sept. 90 Fellowship, INETI, Radioisotopes Department.

Scientific Career History

2009 PhD Graduation in Pharmaceutical Chemistry, (Faculdade de Farmácia da Universidade de Lisboa) "Complexos de Re e Tc e compostos iodados relevantes para a Conceção de Radiofármacos" (Prof. Isabel Santos)
1999 MSc degree in Pharmaceutical Chemistry (Faculdade de Farmácia da Universidade de Lisboa), "Complexos de ^{99m}Tc com Aminoácidos e Dipéptidos" (Dr Luciana Catela Patrício and Prof Rui Moreira).

Important professional Memberships

Since 1987 Sociedade Portuguesa de Medicina Nuclear

Relevant Publications

1. Daniel Can, Bernhard Spingler, Paul Schmutz, Filipa Mendes, Paula Raposinho, Célia Fernandes, Fabrizio Carta, Alessio Innocenti, Isabel Santos, Claudiu T. Supuran, Roger Alberto. [(Cp-R)M(CO)₃] (M=Re or ^{99m}Tc) Arylsulfonamide, Arylsulfamide, and Arylsulfamate Conjugates for Selective Targeting of Human Carbonic Anhydrase IX. **Angew. Chem.**, 2012, DOI:10.1002/ange.201107333.
2. Filipa Mendes, Lurdes Gano, Célia Fernandes, António Paulo, Isabel Santos. "Studies of the myocardial uptake and excretion mechanisms of a novel ^{99m}Tc heart perfusion agent". **Nucl Med Biol**, 2012, 39; 207-213.
3. C. Neto, C. Fernandes, M. C. Oliveira, L. Gano, F. Mendes, T. Kniess, I. Santos. Radiohalogenated 4-anilinoquinazoline-based EGFR-TK inhibitors as potential cancer imaging agents. **Nucl Med Biol**, 2012, 39; 247-260.
4. L. R. Goethals, I. Santos, V. Caveliers, A. Paulo, F. De Geeter, L. Gano, C. Fernandes, T. Lahoutte, Rapid hepatic clearance of (^{99m}Tc)-TMEOP: a new candidate for myocardial perfusion imaging, **Contrast Media Mol. Imaging**, 2011, 6, 178-188.
5. Harmel W. Peindy N'Dongo, Paula D. Raposinho, Célia Fernandes, Isabel Santos, Daniel Can, Paul Schmutz, Bernhard Spingler, Roger Alberto, Preparation and biological evaluation of cyclopentadienyl-based ^{99m}Tc-complexes [(Cp-R)^{99m}Tc(CO)₃] mimicking benzamides for malignant melanoma targeting. **Nucl Med Biol**, 2010, 37, 255-264.
6. Leonor Maria, Célia Fernandes, Raquel Garcia, Lurdes Gano, António Paulo, Isabel C. Santos, Isabel Santos, "Tris(pyrazolyl)methane ^{99m}Tc tricarbonyl complexes for myocardial imaging", **Dalton Trans.**, 2009, DOI:10.1039/b817451b. Hot Article. Coments by P. Cooper, "Complex Matters of the Heart, Chem. Science, 2 (2009).
7. Carolina Moura, Célia Fernandes, Lurdes Gano, António Paulo, Isabel C. Santos, Isabel Santos, Maria José Calhorda. "Influence of the Ligand Donor Atoms on the in vitro Stability of Rhenium(I) and Technetium (I)-^{99m} Complexes with Pyrazole-containing Chelators: Experimental and DFT Studies". **Journal of Organometallic Chemistry**, 2009, 694 (6):950-958.
8. C. Fernandes, I. C. Santos, I. Santos, H-J. Pietzsch, J.-U. Kunstler, W. Kraus, A. Rey, N. Margaritis, A. Bourkoula, A. Chiotellis, M. Paravatou-Petsotase, I. Pirmettis, "Rhenium and technetium complexes bearing quinazoline derivatives: progress towards a ^{99m}Tc biomarker for EGFR-TK imaging", **Dalton Trans.**, 2008, 3215–3225.
9. C. Fernandes, M. C. Oliveira, L. Gano, A. Bourkoula, I. Pirmettis, I. Santos. "Radioiodination of New EGFR Inhibitors as Potential SPECT Agents for Molecular Imaging of Breast Cancer", **Bioorg Med Chem**, 2007, 15: 3974-3980.
10. C. Fernandes, J. D. G. Correia, L. Gano, I. Santos, S. Seifert, R. Syhre, R. Bergmann, H. Spies. "Dramatic Effect of the Tridentate Ligand on the Stability of ^{99m}Tc "3+1" Oxo Complexes Bearing Arylpiperazine Derivatives". **Bioconjugate Chem**, 2005, 16, 660-668.

