

**Curriculum Vitae**  
**of**  
**Carla Fernandes Pereira**

Carla Fernandes Pereira, was born in Santo Tirso, Portugal, on April 20<sup>th</sup>, 1987.

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## **1 – Academic education and degrees**

Sept 05 – Jul 09                   “Licenciatura” in Biochemistry, University of Porto (final mark: 14 out of 20).

Sept 08 – Jul 09                   1<sup>st</sup> year of Master Technology, Science and Food Safety.

Sept 11 –                            Master in Chemistry – Specialization in Organic Chemistry and Natural Products.

## **4. Domain of specialization and other skills/activities**

### **4.1 Domain of specializations**

The main domain of specialization is in Molecular Biology, mainly in analysis by Real-Time Polymerase Chain Reaction and epidemiological typing of strains by pulsed field gel electrophoresis. Another domain is in Organic and Inorganic Chemistry, involving porphyrin synthesis and structural characterization, construction of functional metal–organic frameworks (MOF) and the study of their biological applications.

## **5 – Main scientific area of research**

Organic and Inorganic Chemistry.

### **5.1 Present research interests**

**Organic and Inorganic Chemistry:** Development of porphyrin-phosphonate ligands to build new MOF materials and study their biological applications.

## **8 – Participation at scientific meetings**

1. Fórum Internacional de Investigadores Portugueses, Porto (Portugal), September 23-26, **2006**;
2. Jornada Comemorativa de Bioquímica – 25 anos, Porto (Portugal), May 3, **2007**;
3. Seminário acerca de Novos Paradigmas Alimentares, Campus Agrário de Vairão (Portugal), October 10, **2008**;
4. Seminário acerca da Segurança à Qualidade do Alimento, Porto (Portugal), March 2-3, **2009**;
5. Semana da Promoção do Empreendedorismo e Inovação da Universidade do Porto, Porto (Portugal), May 14-16, **2009**;
6. Scientific & Training Event on “Nanomaterials and Hybrid Materials”, Aveiro (Portugal), November 24-25, **2011**.

## **9 – Publications**

### **9.1 Papers in international scientific periodicals with referees**

1. Pereira, C.F.; Fernandes, J.A.; Rodrigues, J.M.M.; Vilela, S.M.F.; Tomé, J.P.C. and Paz, F.A.A., *Acta Crystallographica Section C: Crystal Structure Communications*, Acta Cryst., **2012**. C68, o104–o107. DOI:10.1107/S0108270112002934

### **10 – Languages**

In addition to Portuguese, I speak English, French and Spanish.