

CURRICULUM VITÆ

Rita Teresa Pereira Teixeira

PERSONAL DATA

Name: rita teresa pereira teixeira

Birth: 23 of November 1973

Birthplace: Cantanhede- Portugal

Identity card number: 10088412

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ACADEMIC EXPERIENCE

Teaching experience during the year of 2007, 2008, 2009 and 2010. I have lectured laboratory classes of the subject “**plant development I**” in 2008, theoretical class in “**Plant Biotechnology**” in 2008, and two modules of a master courses: “**Plant Transformation**” in 2009, 2010 and 2011 and “**Bioinformatic**” in 2009 all at the University of Coimbra

ACADEMIC DATA

Presently I have a “**ciência2007**” position in Instituto Superior de Agronomia (ISA)- Universidade Técnica de Lisboa.

September of 2006 - May of 2008. Pos-doc at University of Coimbra under a grant awarded by the Fundação para a Ciência e a Tecnologia - Portugal.

April of 2005 – August of 2006 . Pos-doc at John’s Bowman lab, University of California – Davis under a grant awarded by the Fundação para a Ciência e a Tecnologia - Portugal.

February of 2005 – PhD degree in plant molecular biology obtained in Swedish university of agricultural sciences – Sweden under a PhD grant awarded by the Fundação para a Ciência e a Tecnologia - Portugal

January of 2004 – Master degree in Molecular Biology obtained from the Department of Zoology – University of Coimbra – Portugal.

December of 1998 - Degree in Biology (scientific branch) obtained from University of Coimbra – Portugal.

FORMATION STUDIES:

June 26 to July 16, 2003 – Cold Spring Harbor course participation – “*Arabidopsis* molecular genetics”. Cold Spring Harbor, USA.

April 3 to April 19, 2002 – EMBO course participation – EMBO/Gulbenkian Biology Course in Plant Development. Oeiras, Portugal.

June 14, 1999 – Participation in the course of Astrogeology (40 hours).

May 6, 1999 – Participation in the symposium “Voyage through the Universe” promoted by SAC.

February 1, 1999 – Participation in the course of Astronomy (35 hours).

May 17, 1997 – Participation in the free course of “Scientific Illustration in Natural history”.

LANGUAGES:

English – Certificate of English language obtain from Cambridge School.

1995 - Complete 5th year from Cambridge School.

PUBLICATIONS:

Teixeira, R.T. and Pereira, H. 2011. Laser Microdissection applied to plants. *Microscopy: Science, Technology, Applications and Education*. A. Méndez-Vilas and J. Díaz (Eds.)pp: 986-992

Teixeira, R.T. and Pereira, H. 2010. Suberized cell walls of cork from cork oak differ from other species. *Microsc. Microanal.* **16**:569-575.

Teixeira, R.T. and Pereira, H. 2009. Ultrastructural observations reveal the presence of channels between cork cells. *Microsc. Microanal.* **15**: 359-544.

Jenny Carlsson, Ulf Lagercrantz, Jens Sundström, **Rita Teixeira**, Frank Wellmer, Elliot M. Meyerowitz⁴ and Kristina Glimelius. 2007. Microarray analysis reveals altered expression of a large number of nuclear genes in developing cytoplasmic male sterile *Brassica napus* flowers. *Plant J.* **49**:452-462.

Teixeira, R. T. P. 2005. Developmental studies of cytoplasmic male-sterile *Brassica napus* lines. Doctoral thesis n° 2005:8. ISSN 1652-6880 - ISBN 91-576-7007-2.

Teixeira, R. T., Farbos, I. and Glimelius, K. 2005. Expression levels of meristem identity and homeotic genes are modified by nuclear-mitochondrial interactions in alloplasmic male-sterile lines of *Brassica napus*. *Plant J.* **42**, 731-742.

Teixeira, R. T., Knorpp, C. and Glimelius, K. 2005. Modified sucrose, starch and ATP levels in two alloplasmic male-sterile lines of *B. napus*. *J. Exp. Bot.* **56**, 1245-1253.

Leino, Matti; **Teixeira, Rita**; Landgren, Maria and Glimelius, Kristina. 2003. *Brassica napus* with rearranged Arabidopsis mitochondria display CMS and a range of developmental aberrations. *Theor. Appl. Genet.* **106**, 1156-1163.

PROJECT'S LEADER

PTDC/AGR-AAM/100465/2008 Genetic analysis of suber differentiation in *Quercus suber* L. Begins on 1-1-2010

OTHER PROJECTS

SOBREIRO/0017/2009 *Quercus suber* sequencing Project- Production of cork. Begins on 1-5-2010

SOBREIRO/0038/2009 *Quercus suber* sequencing Project- Quality of cork. Begins on 1-3-2010

ORIENTATION EXPERIENCE

Adelaide João Siva Machado. Scientific investigation scholarship belonging to the project **PTDC/AGR-AAM/100465/2008**

Natacha Perpétuo, Master degree initiated in September of 2007 and finished with 18 (out of 20).

Elisa Figueiredo. PhD granted student. PhD degree initiated in April 2008 (FCT grant-SFRH/ 40391 /2007)

Patrícia Caldeirinha, Master Degree student. Initiated in September of 2009.

SCIENTIFIC PARTICIPATIONS AND COMUNICATIONS:

July 12-13, 2007 – 1st meeting of the national platform of vegetal functional genomics. University of Algarve – **Teixeira, R.** and Canhoto, J. Genetic approach of stem secondary growth in *Arabidopsis*: understanding the development of wood formation. Poster.

September 1-6, 2002 – 15th International Congress on Electron Microscopy. Durban, South Africa. - **Teixeira, R.;** Farbos, I.; Leino, M. and Glimelius, K. 2002. Histological and ultrastructural studies of alloplasmic CMS lines derived from *Brassica napus* (+) *Arabidopsis thaliana* somatic hybrids. Poster. - **Teixeira, R.;** Lopes, M.L.; Dias, J.D.; Cruz, G.S. and Canhoto, J. 2002. The problem of albinism in rice androgenesis: Ultrastructural comparison between albino and green leaves. Poster

September 17-19, 2001 – “Crop and Forest Biotechnology for the future”. Falkenberg. Sweden. - Leino, M.; **Teixeira, R.** and Glimelius, K., 2001. A novel CMS system. Poster.

May 28, 2000 -. 4^o workshop of plant biotechnology – University of Évora. Portugal.

December 11, 1999. – .XXXIV Annual meeting of the electronic microscopy and cellular biology society. University of Lisboa. Portugal - **Teixeira, R.;** Barriga, P.; Lopes, L.; Cruz, G. and Canhoto, J. Polinic embryogenesis and plant regeneration in different rice lines from the sub-species *indica* and *japonica*. Poster.

May 7, 1999. 2^o workshop of plant biotechnology – University of Algarve. Portugal

December 11, 1998 - XXXIII Annual meeting of the electronic microscopy and cellular biology society. Eng. António de Almeida Foundation. Porto, Portugal. **Teixeira, R.;** Lopes, M.L.; Dias, J.D.; Mesquita, J.F.; Cruz, G.S. and Canhoto, J. Rice androgenesis (*Oryza sativa*. L): Cytologic analysis of the regenerated plants. Poster.

December 12, 1997 - XXXII Annual meeting of the electronic microscopy and cellular biology society. University of Coimbra. Portugal. - **Teixeira, R.;** Dias, J.D.; Mesquita, J.F.; Cruz, G.S. and Canhoto, J. Histological and ultrastructural studies during the development of zygotic and somatic embryos of pineapple guava (*Feijoa sellowiana*, Berg). Poster.

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