

Curriculum Vitae

PERSONAL INFORMATION:

Name	Ricardo Silva dos Santos Viais
Address	Avenida das Aveleiras n.º35, 2635-533 Rio de Mouro, Portugal
Mobile number	00351912018275
E-mail address	ricardo_viais@hotmail.com
Birth Date	26/06/1990
Nationality	Portuguese



EDUCATION AND STUDIES:

Degree in Biochemistry (from 2008 to 2011)

Institutions: Faculty of Sciences, University of Porto
Instituto de Ciências Biomédicas Abel Salazar (Medical School),
University of Porto

Final classification: 16 values (scale: from 0 to 20)

Master in Biochemistry (still in course – expected to finish in October 2013 with a minimum classification of 17 values)

Institutions: Faculty of Sciences, University of Porto
Instituto de Ciências Biomédicas Abel Salazar, University of Porto

Basic Science Courses

“Use of human tissue in gastroenterology research” (10th, 11th and 12th of July)

Institutions: United European Gastroenterology

RESEARCH EXPERIENCE:

- From 15/09/2010 to 15/09/2011 – Internship in Laboratory of Pharmacology and Neurobiology of Instituto de Ciências Biomédicas Abel Salazar (ICBAS), University of Porto developing the work: **“Comparison of the relaxing effects of adenosine and other endothelium-dependent relaxing drugs in human and rat cavernosal tissue”** under orientation of Professor Paulo Correia de Sá.

- From 01/03/2012 to 01/07/2012 – Internship in Laboratory of Molecular Neurobiology of Institute of Molecular and Cell Biology (IBMC), in Porto, under orientation of Professor Maria João Saraiva. **Study of the role of transthyretin in the brain and signal transduction pathways.**
- From 15/09/2012 – Departament de Biologia Cel·lular, Fisiologia e Immunologia i Institut de Neurociències, Universitat Autònoma de Barcelona (7 months), under orientation of Professor Marcel Jimenez and Laboratory of Pharmacology and Neurobiology of ICBAS, under orientation of Professor Paulo Correia de Sá developing the work: **“Dynamics of purinergic and nitrergic co-transmission in the mouse colon”.**
- **Techniques Performed:**
 - ✓ Organ bath
 - ✓ Basic experience with cell culture techniques
 - ✓ Immunohistochemistry and Western Blot
 - ✓ Neurotransmitters release techniques, measurement of ACh using radioactive branding and measurement of ATP by luciferin-luciferase methods
 - ✓ Intracellular microelectrode’s technique
 - ✓ Experience with manipulation of rat and mice animal models.

ORAL COMUNICATIONS:

- “Comparison of the relaxing effects of adenosine and other endothelium-dependent relaxing drugs in human and rat cavernosal tissue” - Congress of the Portuguese Society of Urology in 2011.
- “Dynamics of purinergic and nitrergic co-transmission in the mouse colon” - Meeting of the Portuguese Society of Pharmacology in 2013.

LANGUAGES:

- Mother tongue: **Portuguese**
- **English:** *(Common European Framework of Reference for Language)*

Speaking:	C <i>(Proficient user)</i>
Reading:	C
Writing:	C

(Certificate in Advanced English – ESOL Examinations obtained in June 2008)

- **Spanish:** *(Common European Framework of Reference for Language)*
 Speaking: B *(Independent user)*
 Reading: B
 Writing: A *(Basic user)*

OTHER INTERESTS:

- Music
- Doing periods abroad and changing experiences between people of different countries and cultures