



## BIOGRAPHICAL SKETCH

<b>NAME</b> João Manuel Ventura Cardoso de Barros		<b>POSITION TITLE</b> PhD student	
<b>EDUCATION / TRAINING</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE (if applicable)</b>	<b>MM/YY</b>	<b>FIELD OF STUDY</b>
Faculty of Sciences, University of Lisbon	BSc	07/04	Chemistry
Faculty of Sciences, University of Lisbon	MSc	07/07	Chemistry

### Research Interests

- Organic synthesis.
- Hemorrhagic Virus.
- Metabolic and amyloid diseases.
- Drug research and development.

### Professional experience

- **2016:** Organic Chemistry, Practical Course Assistant, Faculdade de Ciências, Universidade de Lisboa.
- **Since 2003:** High Scholl Chemistry and Physics teacher.

### Conferences

#### Posters

- **Barros J.M.**, Marcelo F., Rauter A.P. *Macrophage type lectin-galactose ligands: chemical synthesis*. CQB Day, June 2016. Lisboa, Portugal;
- **Barros J.M.**, Marcelo F., Rauter A.P. *Hemorrhagic Virus: towards binding inhibition Macrophage type lectin-galactose ligands: chemical synthesis*. Encontro com a Ciência e Tecnologia em Portugal. 4-6 July, 2016. Lisboa, Portugal;

- **Barros J.M.**, Marcelo F., Rauter A.P. *Chemical synthesis of GalNAc mimetics to target macrophage galactose C-type lectin and block viral infections*, Eurocarb2017, June 2017

#### Oral Communications

- *Chemical synthesis of GalNAc mimetics aiming macrophage galactose C-type lectin and block viral infections*. 12.<sup>a</sup> Reunião do Grupo de Glúcidos – Glupor12, September 2017. Aveiro, Portugal.
- *Chemistry: Research in favor of Human Health*. Semana da Ciência, Colégio Moderno, April 2017, Lisbon, Portugal.

#### **Other activities**

- Since 2014: Scientific project selection jury member – Prémio FAQtos – by Instituto Superior Técnico, Lisboa, Portugal.

#### **Languages**

- Portuguese: Native speaker
- English: Fluent speaker