

## Principles of Scientific Writing

**Online Sessions:** Nov 27, 30 and Dec 3 from 10-12h30 (CET)

**Coaching sessions:** 30min of individual coaching session to be arranged on an individual basis, during the months of January – March 2021

**Language:** the course will be taught in Portuguese with materials and exercises in English.

**Facilitators:** Inês Crisóstomo, Marta Agostinho and Marta Nunes

**Number of Participants:** 20-25

### Introduction:

In this workshop we aim to introduce the principles of Scientific Writing, and discuss the structure, the grammar and strategies on how to write in Science. We plan an interactive environment, where the participants will have ample opportunity to interact with peers and share best practices. Participants will be required to do some homework offline. After the workshop each participant is invited to schedule an individual coaching session with one of the facilitators (between January and March 2021), to discuss own work. At the end of the workshop the participants should be confident about scientific writing and have improved their writing skills.

### Before the workshop:

Participants will be asked to read 2-3 research papers and analyse them in terms of structure.

### Session 1

#### 27 November (10h-12h30, CET)

The Scientific Paper:

- Structure (based on homework): what are the building blocks of a scientific paper
- How to write a paper: where to start, drafts and revisions.
- Writing in English: strategies on how to write, looking at grammar and style.
- Homework: Write an abstract and a result of an experiment.

### Session 2

#### 30 November (10h-12h30, CET)

The Scientific Paper (part 2)

- Analyse the writing samples

- Review in group the different strategies and devise an individual plan.

Introduction to Scientific Protocols.

### Session 3

**3 December (10h-12h30, CET)**

- Writing Scientific Protocols

### About the Facilitators:



**Inês Crisostomo** is a Research Facilitator at the [University of Luxembourg](#) and a Freelance Science Facilitator in her spare time. Ines Crisostomo is an enabler, a proactive person with excellent interpersonal skills, aiming to support and empower researchers to excel in their careers. Ines has over 10 years' experience in Science Management, most of them focusing on Scientific Training.

Between 2013-2019 she was the Head of Scientific Training at the [Vienna BioCenter](#), in Vienna, Austria, where Ines was responsible for the training programs of 4 renowned institutes in Life Sciences. Before Vienna, Ines worked as the Advanced Training Coordinator at [Instituto de Medicina Molecular](#) (IMM), Lisbon, Portugal. Ines has been training scientists at all levels since 2011, she regularly organizes workshops on how to manage their career as well as interpersonal communications (focused mainly student/supervisor relationship). Ines has a degree in Biology from the University of Lisbon (2000) and a PhD from the Universidade Nova de Lisboa (2006, the research work was conducted at the Rockefeller University). In addition, she is a Board Member of the Birnstiel Foundation, and a Member of the CARE network (Career Advisors supporting Researchers in Europe), and of the Marie Curie Alumni Association.



**Marta Agostinho** is the Coordinator of [EU-LIFE](#), an alliance of European research institutes in the life sciences that aims at promoting excellence in research and acting as a voice for research institutes in the European policy landscape. Her fields of action include science policy, strategic science management and communication, outreach and public dialogue with science. She is also expert evaluator in H2020. As Coordinator of EU-LIFE, M.

Agostinho oversees the implementation of the strategy of the alliance and leads the science policy area.

M. Agostinho has over 10 years' experience in knowledge mediation in international settings, after a 10 years of research in life sciences and 5 years as Invited lecturer in Genetic Engineering. M. Agostinho holds a PhD in Cell Biology (2007). In 2007 she became manager of the PhD programme at [Instituto de Medicina Molecular](#) (IMM), Lisbon, Portugal. From 2008-2012, she was Director of the Communication & Training Unit at IMM, which provided a coordinated framework for Science Communication, Advanced Training and Science Funding. In 2012-2014, she was Project Manager at [NOVA Medical School](#) (FCM/UNL), Lisbon, Portugal, responsible for the coordination of a European Joint Action in Mental Health policy with over 50 partner institutions mandated by the EU Member States Governments from 27 European Countries. She was also coordinator of two advanced doctorate training disciplines on Science Communication and Research skills at the [Nova Medical School](#) and has extensive experience as trainer and teacher in the life sciences (graduate and post-graduate).



**Marta Nunes** is a Reader, Associate Professor, at the Vaccines and Infectious Diseases Analytics (VIDA) Research Unit, Faculty of Health Sciences, University of the Witwatersrand, South Africa. Marta developed her PhD work at the Department of Neurology & Neuroscience, Weill Medical College of Cornell University, New York, USA and obtained her PhD from the University of Lisbon, Medical College, Portugal in 2004. During her post-doctoral training at the Institute Pasteur in Paris, France, she developed different projects aimed at understanding the cell biology of *Plasmodium falciparum* and to identify molecular candidates for malaria vaccines for pregnant women. She moved to South Africa in 2009, where the focus of her research has been on the interaction of different putative pathogens on respiratory disease in children and the different manifestations in health and disease to these infections. To approach the problem of infant morbidity and mortality related to infections she is exploring the potential of intervening through vaccination of pregnant women to protect the women and their babies against infections. She has co-authored more than 80 peer-reviewed scientific papers and has successfully obtained research funding from the Bill & Melinda Gates Foundation, National Institute of Health Research (NIHR), UK, European & Developing Countries Clinical Trials Partnership (EDCTP) and multiple industry partners.