**Postdoctoral positions linked to the IF-Marie Skłodowska-Curie Actions at the University of Siena :**

The University of Siena has an outstanding position in the high level degree education and international research. Within the Department of Molecular and Developmental Biology, the Laboratory of Oxidative Stress provide an excellent clinical research environment. The laboratory of oxidative stress is seeking an excellent early career researcher intending to submit an application linked to the Marie Skłodowska-Curie Individual Fellowship Actions (IF-MSCA) within Horizon 2020, having University of Siena as their host institution.

The research areas are now mainly concentrated into specific projects looking for a specialist in chemistry and mass spectrometry of small biological molecules.

**What are the MSCA Individual Fellowships?**
IF-MSCA is a mobility program funded by the European Commission which aims to contribute to the career development of researchers, and their future employability. Link to the [**Participant Portal**](https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/msca-if-2017.html) for more information and related documents.

**Who can apply?**

* Promising researchers from anywhere in the world: all nationalities can apply
* Mobility is a fundamental rule: you have to come to Europe or move within Europe
* Experienced researchers only: doctoral degree or at least four years' full-time research experience by the time of the call deadline
* All areas of research are considered as IF-MSCA are bottom up actions

**Are you interested?**
Those researchers interested in the positions offered should contact **e.centini@ao-siena.toscana.it**  as soon as possible to agree on the preparation of a project proposal to be submitted to the IF-MSCA-2017 call.

**Department of Molecular and Developmental Medicine**

The Department of Molecular Medicine and Development as an actuator subject will play a prominent role in conducting each phase of the project. The Department has a number of highly innovative laboratories that will be available for project management. In particular, the scientific director Prof. Giuseppe Buonocore has been in charge of a laboratory for decades engaged in clinical research on neonatal diseases. The Ossidative Stress Laboratory has a decade-long experience in the diagnosis of Oxygen-Free Radicals (ROS) and is specialized in the early assessment of Ossidative Stress in Fathers and Infants, with international renown. The evaluation of Oxygen Stress in healthy subjects or in patients undergoing pharmacotherapy is a prerequisite for preventing tissue damage and monitoring the progress and response to the treatment of a possible pathology

In recent years Prof. Buonocore and his laboratory have participated in several pharmacological research projects that have led to and will lead to drug development with the aim of reducing the harmful effects of ROS in infants. In these years of research the Ossidative Stress Laboratory has started a strong collaboration with Siena pharmaceutical companies and not.