

# CONSORZIO INTERUNIVERSITARIO PER LO SVILUPPO DEI SISTEMI A GRANDE INTERFASE

CSGI  
c/o Dipartimento di Chimica "Ugo Schiff"  
Università degli Studi di Firenze



Direttore Prof. Piero Baglioni  
tel. 055-4573033  
e-mail [baglioni@csgi.unifi.it](mailto:baglioni@csgi.unifi.it)

**CALL ID: CSGI-11/16**

**Position for early-stage researcher within the EU H2020 Project "BIOCLEAN" (BIOfilm management and CLEANing by leveraging fundamental understanding of biological, chemical and physical combined approaches) financed by the MSCA research fellowship programme.**

The Centre for Colloid and Surface Science (CSGI) is partner of the European Project "BIOCLEAN" (722871) (BIOfilm management and CLEANing by leveraging fundamental understanding of biological, chemical and physical combined approaches), financed under the European Programme Horizon 2020, call H2020-MSCA-ITN-2016 (Marie Skłodowska-Curie Innovative Training Networks). BIOCLEAN addresses the need to create a sustainable training network across academia, industry and the healthcare sector to produce highly skilled multi-disciplinary young scientists competent in chemistry, engineering and experimental wet lab biology.

The fellow will have the possibility to work at world – class scientific level in multidisciplinary and international teams. CSGI will host the early-stage researcher at its premises and will provide training as well as the necessary means for implementing project activities. A career development plan will be established and its implementation will be supported. Moreover, to ensure an appropriate exposure to the non-academic sector, a period of secondment is scheduled. The selected candidate will be enrolled in the doctoral programme and will have a named supervisor and a second supervisor during the period of secondment.

#### Research project

Interaction of Natural wood extracts with biofilm

#### Time period:

31 October 2016 – 30 October 2019 (36 months)

#### Location:

Centre for Colloid and Surface Science (CSGI) c/o University of Rome "Tor Vergata" Department of Chemical Science and Technology in via della Ricerca Scientifica 1 – 00133 Roma, Italy

#### Job Requirements

CSGI is looking for an early – stage researcher (i.e. in the first 4 years of his/her research career and without a doctoral degree) with degree in Chemistry (or equivalent) with the following profile:

Apart from having a strong background in organic chemistry and connected analytical methods, the successful candidate is willing to develop a profound understanding of the characteristics of natural

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polyphenols and biofilms, learn a wide array of specific analyses, design and develop innovative chemical and/or technical solutions based on unconventional approaches, and master upcoming issues of chemical and technical nature in order to successfully contribute to realizing the overall objectives of the project. Experience in the field of natural polyphenols and polymer chemistry is also relevant but not mandatory.

According to the EU mobility rule, candidates **MUST NOT** have resided or carried out their main activity (work, studies, etc..) in Italy for more than 12 months in the last 3 years.

## Salary and benefits

In accordance with the MSCA regulations, the selected candidate will receive a monthly gross salary of Euro 3318,37. In addition, he/she will receive a mobility allowance up to Euro 600 per month and a family allowance up to Euro 500 per month where applicable. The salary will be subjected to tax according to national regulations.

Further details may be obtained by writing to Prof. Claudia Crestini: [crestini@stc.uniroma2.it](mailto:crestini@stc.uniroma2.it)

## All candidates **MUST SEND**:

1. "curriculum vitae et studiorum" and list of publications;
2. degree certificate in free paper with the scores of each exams and final evaluation;
3. list of all titles and documents that can be relevant for the selection.

**Please report the CALL ID in the subject of the email.**

**All applications must arrive by email within 16/10/2016 at [bioclean@csgi.unifi.it](mailto:bioclean@csgi.unifi.it).**