

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. Emiliano Fratini

CALL ID: CSGI-CT-1/2024

The Center for Colloid and Surface Science (CSGI) has an open position for a researcher, with experience in Chemistry.

The fellow will have the possibility to work at world-class scientific level in a multidisciplinary and international team, on a joint academic project entitled:

“Smart shipping and innovative packaging for management of post-harvest rots of organic citrus fruit”

Time period:

Feb 15, 2024 – Oct 15, 2024

Location:

CSGI, University of Catania, Dept. Of Chemical Sciences, v.le A Doria n° 6, Catania, 95125 (IT)

Job Requirements:

CSGI are seeking a skilled and enthusiastic Research Collaborator to join our dynamic team and contribute to cutting-edge research in the field of food science. As a vital member of our research group, he/she will focus on synthesizing fluorescent molecules tailored for the precise determination of volatile compounds emitted from incipiently rotting oranges.

Responsibilities:

- Design and synthesize fluorescent molecules with specific properties suitable for the analysis of volatile compounds in oranges undergoing early stages of decay.
- Collaborate with interdisciplinary teams to optimize experimental protocols and methodologies for accurate compound detection.
- Conduct thorough analyses and characterizations of synthesized molecules using advanced techniques.
- Stay updated on the latest developments in synthetic chemistry and apply innovative approaches to enhance the capabilities of our research.

Additional Activities:

- Attend and actively contribute to work package meetings, plenary sessions, and collaborative discussions.
- Engage in cross-functional collaboration to integrate research efforts across various project components.
- Effectively communicate project updates, findings, and challenges during team meetings and coordination sessions.

Qualifications:

- Master's degree or equivalent in Chemistry, Organic Chemistry, or a related field.

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- Proven experience in organic synthesis, particularly in designing fluorescent molecules.
- Strong background in analytical techniques and methodologies for compound characterization.
- Ability to collaborate effectively within a research team and communicate findings clearly.
- Passion for contributing to impactful research in the field of food science.

We offer a stimulating and collaborative research environment and access to state-of-the-art facilities.

Gross salary: 2.400 €/month.

For more information, please contact Prof. Nunzio Tuccitto (nunzio.tuccitto@unict.it)

All applicants must send:

1. [This signed application letter](#);
2. Academic CV (including a list of publications, a list of courses and a list of talks given), description of research interests and research agenda;
3. Degree certificates;
4. List of all titles, documents and publications that can be relevant for the selection;
5. Copy of a personal I.D. (printed on both sides);

All applications must be sent by email to recruitment@csgi.unifi.it **no later than January 31st, 2024 – 17:00 CET.**

Please report the CALL ID (CSGI-CT-1/2024) in the subject of the email.

A colloquium with the evaluating committee might be requested. The colloquium can take place either face-to-face or via telematic meeting.

The commission will rank the suitable candidates; the ranking will be published on the CSGI website at https://www.csgi.unifi.it/work_with_us.php and will remain effective for a period of one year from the date of its approval. This ranking may be used by CSGI to replace the appointed candidates in the event of renunciation, non-employment, forfeiture, termination of the employment relationship, or for equivalent positions.

The winner of this position may be excluded if he/she would postpone the beginning of the research activity later than February 15th 2024.

Personal data will be collected and handled according to the GDPR- General Data Protection Regulation (EU) 2016/679.

Sesto F.no, January 4th, 2024