

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-FI-03/2026

The Center for Colloid and Surface Science (CSGI) has an open position for a researcher, with advanced experience in polymer chemistry, organic synthesis and physico-chemical characterization of supramolecular nanosystems. 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:

"Preparation and characterization of novel supramolecular polyamine-polysaccharide ATP nanosystems for delivery applications"

Time period:

March 16, 2026 – July 16, 2026

Location:

CSGI, University of Florence, Department of Chemistry "Ugo Schiff" – DICUS
Via della Lastruccia, 3-13 – 50019 Sesto Fiorentino (FI)

Job Requirements:

CSGI is looking for a highly motivated researcher with a Master in Chemistry (LM-54) or equivalent disciplines with expertise in the following fields:

- Synthesis and functionalization of polymeric materials with biomolecules and fluorescent dyes, including advanced (bio)conjugation strategies;
- Development of delivery nanosystems for bioactive compounds, including encapsulation and loading strategies;
- Knowledge of key purification techniques, including chromatographic methods;
- Knowledge of scattering techniques for nanoparticles characterization;
- Physico-chemical characterization of polymeric nanoparticles, including NMR and IR analyses;
- Advanced proficiency in English (C1 level or higher).

The recruited person will:

- Actively participate in research, lab management and set-up of new experimental methodologies;
- Perform the planned research activities, analyse data and write a monthly report;
- Actively participate in biweekly research meetings with other academic partners.

Gross salary: up to EUR. €1.000,00/month.

For more information, please contact Prof. Emiliano Fratini (fratini@csgi.unifi.it)

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All applicants must send:

1. [This signed application letter](#);
2. Academic CV (including a list of courses and a list of previous research experience in the field of polymer and organic chemistry, nanoscience, physico-chemical characterization techniques), 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 March 10, 2026 – 17:00 CET.**

Please report the CALL ID (CSGI-FI-03/2026) in the subject of the email.

The commission will rank the suitable candidates according to the received documentation; 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 March 16, 2026.

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

Sesto F.no, February 9, 2026