

IRCCS ISMETT

is issuing a call for applications for the following fixed-term position:

1 Data Scientist (Ref. DSC/21 TD)

ISMETT, Istituto Mediterraneo per i Trapianti e Terapie ad Alta Specializzazione, is a multi-organ transplant center and high-specialty hospital, established by means of an International not-for-profit public-private partnership between the Region of Sicily, the Ri.MED Foundation, and UPMC (University of Pittsburgh Medical Center), which manages the Institute. The Italian Ministry of Health has acknowledged ISMETT as a government-approved research hospital or Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS) in the area of "End-stage organ failure treatment and research". ISMETT is one of the few hospitals in Italy to have received accreditation from Joint Commission International (JCI) since 2009, and one of the six hospitals to have achieved ERAM, HIMSS Stage 6 certification.

The Data Scientist, a staff member of the Scientific Director's Office, and under the supervision of the Director of the Office of Research, is responsible for collecting, structuring and analyzing data coming from ISMETT clinical care and research activities in order to develop datasets usable for computational analysis purposes in order to identify correlations and interpretative patterns - also through the use of machine learning systems - useful for translational research applications and/or decision-making processes.

The Data Scientist is responsible for the organization and analysis of large amounts of data, both structured and unstructured, and for the processes with which such data is produced both in clinical care and research & development activities. Under the supervision of the director of the Office of Research, or other person indicated by the latter, the Data Scientist is responsible for the implementation of mathematical and machine learning models related to the different specific areas of ISMETT activity instrumental to process optimization, translational research projects and scientific productions related to these sectors, both his\her own and through the finalization of the activity of the research groups involved.

Applicants must meet the requisites and preferred qualifications of this call at the time of filing the application, stating them in the on-line form.

Requisites:

- Master's degree in Engineering, Biotechnology, Computer Science, Statistics or Mathematics (or equivalent title).
- At least 2 years of Previous working experience in the role.

Preferred qualifications:

- Master and/or training certifications in areas related to the position.
- Scientific publications (in the CV, for each publication specify if first, last, or corresponding author).
- Ph.D. in the biomedical field.

The ideal candidate has professional knowledge of statistics programs and programming languages, experience in solving analytical problems using algorithms, understanding of Machine Learning and

Deep Learning techniques, a strong interest for advanced data science techniques such as Deep Learning, Natural Language Processing and Computer Vision, inclination for continuing education on theoretical, practical, and technical knowledge to keep research at competitive and state-of-the-art levels.

English proficiency, knowledge of MS-Office application systems, strong motivation, ability to play a proactive, innovative, and managerial role in the organization of laboratory activities, availability to perform multidisciplinary tasks, scientific-technical consults, stress management and problem-solving skills, good communication and teamwork skills are also instrumental to the role.

The workplace is **Palermo**.

Only applicants not excluded under the provisions articulated Legislative decree 165/2001, art. 53, para. 16-ter, and subsequent modifications and amendments (General Rules Governing the Work of Public Administrations), can participate in this selection.

Information concerning this selection will be notified to candidates through the official website in the "Job Opportunities" section (www.ismett.edu). The date and location of the tests will be published on the above-mentioned website. Applicants will be expected to access this information from the above-mentioned website.

IRCCS ISMETT reserves its right of discretion to the fullest extent permitted by law in assessing applicants and the eligibility of their applications.

After reading the privacy statement and, if necessary, authorizing the processing of their personal data (EU Regulation 2016/679), applicants of both sexes (Law 903/77) are requested to fill out the on-line application form available at <https://selezioni.ismett.edu/?lang=en>.

The on-line form must be filled out paying particular attention to the requisites and preferred qualifications indicated in this call for application. Filling out the on-line application form in an incomplete, approximate, or incorrect manner may lead to considering the applicant not eligible to performing the tests.

When filling out the on-line application form, applicants will be requested to attach their CV. Applicants will be requested to issue a self-statement regarding their possession of the requisites listed in this call for applications.

IRCCS ISMETT declines any responsibility for non-delivery of communications due incorrect e-mail addresses provided by applicants upon submitting their on-line applications.

The deadline to submit the applications is **December 9, 2021**.

Please note that only applications submitted on-line will be taken into consideration (<https://selezioni.ismett.edu/?lang=en>).

Please note that selection records are confidential documents for internal use only and may not be disclosed.

All applicants are obliged, at any time during the selection process, and if requested by IRCCS ISMETT, to provide the documentation certifying the stated possession of the requisites within the requested deadline.

Should any preliminary verification show a discrepancy with any statement submitted by an applicant, the latter will be excluded from the selection process, and any negotiation permanently suspended.

IRCCS ISMETT reserves the right to revoke and/or invalid or definitively suspend this selection at any time, with no obligation to notify applicants, and with no right for applicants to raise any right or claim whatsoever.

Personal data included in the CV and any other information collected during the selection will be processed by IRCCS ISMETT and UPMC Italy in their role of joint controllers, for selections for this or other similar positions. Applicants are requested to not include sensitive data (e.g., on health status), unless strictly necessary. Detailed information also with reference to data retention times and rights recognized under EU Regulation 2016/679 are available at <https://www.ismett.edu/en> in the "Work with us" section.