

IRCCS ISMETT

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

1 Data Analyst (Ref. DA/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.

Under the supervision of the Scientific Director or other person indicated by the latter, the Data Analyst is responsible for collecting, structuring and analyzing data coming from ISMETT's clinical care and research activities in order to develop *datasets* usable for computational analysis 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.

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:

- University degree in Computer Science, Engineering, Statistics, Mathematics (or equivalent title).

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).

The ideal candidate has knowledge of programming languages such as R, Python and SQL; basic knowledge of Docker and Kubernetes; experience in data collection/cleaning/updating and data model processing; experience in the design/implementation of clinical/administrative data warehouse and implementation of cross-sectional and vertical analysis on data sets; knowledge of NLP, Deep Learning, and Machine Learning preparation algorithms; of dimension and metric reporting.

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.