

Protocol number 203/18 - EM

Bosisio Parini, 14th March 2018

NOTICE
FOR THE SELECTION OF A RESEARCHER

The Directorate General of IRCCS "E. Medea" – Associazione "La Nostra Famiglia", hereinafter IRCCS "E.Medea", has authorized the issuance of this notice for the selection of a researcher to be engaged in advanced neuroimaging projects with a 7T MRI scanner to study the white matter and the brain architecture, for a maximum period of two years.

Below is a description of the activities, the profile, the selection procedures and contractual aspects.

activity

The researcher will be engaged in the following summarized activities:

- design and development of methods to study the brain and the white matter in normal subjects and/or affected by neurological pathologies by means of 7T MRI
- analysis of neuroimaging independently and/or within the research group (c/o Imago7 and IRCCS "E.Medea")
- identification of calls for research and preparation of participation proposals
- production of scientific works/publications

work place

The activity will be mainly carried out at the headquarters of the *Imago7 Onlus Foundation*, whose founding body is the Associazione "La Nostra Famiglia", and at the headquarters of the *IRCCS "E.Medea"* of Bosisio Parini; in the latter, as an indication for 5 days every two months. Without prejudice to other requests made by the IRCCS "E.Medea" Scientific Direction.

The aforementioned work sites are:

- for the *Fondazione Imago7* – Viale del Tirreno, 331, Calambrone (Pisa), Italy
- for the *IRCCS "E.Medea" – Associazione "La Nostra Famiglia"*, via don Luigi Monza, 20 – 23842 Bosisio Parini (Lecco), Italy

profile

The required profile provides that:

- the candidate has achieved a doctoral (PhD) in physics/engineering
- has previous experience
 - in the planning and implementation of study projects in the field of neuroimaging (minimum 3 years)
 - in the optimization of MRI sequences and protocols in the use of neuroimaging analysis software
 - programming/writing in MATLAB/C++/Python/R/Java or similar
 - in the statistical analysis and associated tools
- is the author of publications in the field of neuroimaging and/or analysis of MRI data
- has strong written and verbal communication skills
- is highly motivated and interested in developing advanced imaging methods and working in a multidisciplinary team

preferential titles:

- has acquired both national and international financing as Principal Investigator;
- presentation of references

duration of the appointment

2 years

Start: presumed date July 2018

remuneration - contract

The gross annual remuneration falls within the range 35,000.00 - 47,000.00 euros.

The assignee will be offered an employer-coordinated freelance work or a collaboration contract applying the national collective agreements of the A.R.I.S. (*Associazione Religiosa Istituti Socio-Sanitari* Religious Association of Social-Health Institutes) applied at Scientific Institutes of Hospitalization and Care (I.R.C.C.S. *Istituti di Ricovero e Cura a Carattere Scientifico*).

applications for participation in the selection

The candidates for selection must send the application to the following e-mail address BANDO7T@LANOSTRAFAMIGLIA.IT using the appropriate Annex (**EMEDEA application form COD "BANDO7T2018"**) in which the points from a) to e) must be filled in, not later than **12 noon of the day 30th April 2018** under penalty of exclusion,

The code **BANDO7T2018** must be strictly reported in the application form, otherwise it should be void.

Competitors must attach the following to the application for admission:

- copy of the held qualifications certificates to participate in the selection;
- front/back photocopy of the valid identity document
- photocopy (photo static copy) of the publications

The candidate must strictly sign the application and consent to the processing of his/her data, otherwise it should be void.

selection

The assessment of the candidates will be carried out through the examination of the presented documentation, followed by an interview to assess the degree of technical and cultural preparation of each single candidate.

The interview will be conducted by a multidisciplinary team (commission) made up of clinicians and researchers in the technical-scientific area (e.g.: engineers, doctors, etc.), whose evaluation is unquestionable and irrevocable.

The selection will take place at the headquarters of Bosisio Parini as an indication within the 15th June 2018, or via Skype exclusively for those who reside abroad.

award

The awarding of the assignment is conditioned by the **documentary proof of what has been declared according to the procedures that will be requested by the IRCCS "E.Medea"** (original of the document or certified copy of the validity of the presented documentation).

The IRCCS "E.Medea" will communicate the assignment to the awarded informing him/her of the date and place of the beginning of the activity. The awarded will have to confirm the acceptance of the assigned task. In case of non-presentation in the place of communicated activity on the start day, the assignment will be declared lapsed, subject to justified reasons unquestionably accepted by IRCCS "E.Medea".

The IRCCS "E.Medea" reserves the right to extend, suspend, revoke all or part of the present call for selection, even if it has already been completed.

The personal data transmitted by the candidates with the application form in the selection procedure will be processed exclusively for the purposes indicated in the information attached to the application form.

**The present call and its Annex is available on the IRCCS "E. Medea" website at:
www.emedeait**

Annex: EMEDEA application form cod "BANDO7T2018"

Dott. Domenico Galbiati
President of the Research Commission
and Attorney for the IRCCS E. Medea Scientific Section

