



Protocol number 384/18 - EM

Bosisio Parini, May 29th, 2018

**NOTICE**  
**FOR THE SELECTION OF AN EARLY-STAGE RESEARCHER**  
**“MultiMind’s recruitment ESR12”**

*“This project has received funding from the European Union’s Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 765556”*

The Directorate General of the Scientific Institute IRCCS "E. Medea" – Associazione “La Nostra Famiglia”, hereinafter IRCCS "E.Medea", has authorized the issuance of this notice for the selection of a 1 fully-funded 3-years (36 months) PhD program in psycholinguistics starting September 2018. The candidate will be integrated as an Early Stage Researcher (ESR) within the European ITN Marie Skłodowska-Curie Innovative Training Networks on Multilingualism (<https://www.multilingualmind.eu/>).

This recruitment will be based on the Code of Conduct for the Recruitment of Researchers as laid down in the European Charter for Researchers and will ensure that the recruitment procedures are open, efficient, transparent, supportive and internationally comparable, and tailored to the type of positions advertised.

IRCCS “E.Medea” will adhere to equal opportunities principles and women will be encouraged to apply.

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

**activity**

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The researcher will be engaged in the following summarized activities.

**Project ESR12. Computerized system for the screening of Specific learning and language disorders within bilingual children (Main supervisor: M.L. Lorusso – marialuisa.lorusso@BP.LNF.IT)**

The number of bilingual children requiring attention for their poor educational achievements is increasing; without a clear understanding of their needs it is difficult to provide adequate services. Since clinicians may not be able to examine children's L1, a flexible response can be offered through the use of computerized language and reading tests tailored on the specific language. These can be carried out in the children's L2, L1 or both. Goals: 1) based on the literature, define a set of language specific markers of SLI and dyslexia in monolingual children speaking Italian, English, Polish, Mandarin, Wenzhounese, German; 2) design and implement 6 sets of computerized tests for the selected languages using the specific markers for each language; 3) administer the computerized tests to bilingual children with typical development; children will be tested on their L1 (English, Polish, Mandarin, Wenzhounese, German) and L2 (Italian); 4) analyse data, define cut-off values, evaluate the tests and computerized system, revise if necessary; 5) administer the tests to bilingual children referred for clinical services and speaking L2 Italian and one of the L1 indicated; 6) design a subset of the tests for an open source platform.

The ESR will be based at IRCCS - Scientific Institute "Eugenio Medea", Associazione La Nostra Famiglia, Bosisio Parini near Milan and will be enrolled in a PhD program at the University of Milano-Bicocca. In the second year, the candidate will spend 4 months in Germany at EKUT ("Eberhard Karls Universitaet Tuebingen") to work on the German markers and collect data on Italian-German bilinguals. The planned non-academic secondments for the candidate involve 4 months in the 3<sup>rd</sup> year at Royal Dutch Kentalis (NL), where the ESR will improve her/his knowledge about computerized and web-based language testing in children with language impairments. During the time at MEDEA, training on methodology for in-person and remotely-controlled assessment and intervention with clinical populations and hands-on experience in public engagement and research dissemination through Bilingualism Matters @Milano Bicocca.

### **work place**

The activity will be mainly carried out at the headquarters of the *IRCCS "E.Medea"* of Bosisio Parini (via don Luigi Monza, 20 – 23842 Bosisio Parini - Lecco, Italy), and the ESR will be enrolled in a PhD program at the University of Milano-Bicocca (to be confirmed from University of Milano-Bicocca).

In the second year, the candidate will spend 4 months (as an indication) at Eberhard Karls Universitaet Tuebingen (Geschwister-Scholl-Platz, Tuebingen - Germany) and, in the third year, will spend 4 months (as an indication) at Royal Dutch Kentalis (NL).

Without prejudice to other requests made by the IRCCS "E.Medea" Scientific Direction.

## Eligibility

**Early-Stage Researchers (ESRs):** All researchers recruited in MultiMind must be ESRs and undertake transnational mobility (see below). For all recruitments, the eligibility of the researcher will be determined at the time they start working at the project. *Note:* ESRs are defined as researchers who at the time when they start working for MultiMind are in the first 4 years (full-time equivalent research experience) of their research careers and have not been awarded a doctoral degree.

**Nationality:** ESRs can be of any nationality.

**Transnational mobility:** ESRs are required to undertake transnational mobility (i.e. move from one country to another) when taking up their appointment. Nationality is therefore not a criterion. Rather the location of the researcher's residence or main activity during the 3 years prior to their recruitment is determining. The researcher must not have resided or carried out their main activity (work, studies, etc.) in the country of the host organisation for MultiMind for more than 12 months in the 3 years immediately prior to the start date. Short stays, e.g. holidays, are not taken into account.

*Note:* the mobility rule applies to the (first) beneficiary where the researcher is recruited, and not to beneficiaries to which the researcher is sent or seconded. It is also only determined at one point in time: at the time when they start working for MultiMind.

**Refugees:** Researchers with refugee status, as defined by the Geneva Convention, benefit from a less restrictive mobility rule: the refugee procedure (i.e. before refugee status is conferred) will not be counted as a 'period of residence/activity in the country of the beneficiary. This period will only be counted as of the day that they are recognised as refugees. This is because refugees, by definition, are likely to have made unplanned changes of country, moving abroad rapidly without being able to arrange a research position in advance. They may have had to suspend their education or professional activities while obtaining permission to stay in the country. Therefore their mobility is not required to be as recent.

### General selection criteria:

- A Master of Arts (MA) or a Masters of Science (MSc) or equivalent degree in Linguistics, Psychology, Speech & Language Therapy or similar discipline that provides the doctoral candidate with appropriate background for the MultiMind project.
- A high mark in the Master programme.
- A high mark on the Master Thesis.
- Research experience beyond the Undergraduate and Master programmes.
- Research methods related to MultiMind.
- Publications from the Undergraduate or Master Thesis (if any), or from other scientific activities.

### Specific selection criteria (Project ESR12):

**Previous degree:** Psychology, Cognitive Science, Neuroscience, Linguistics and similar

**Research methodology:** The candidate should have:

- general notions of Psychometrics and test theory.
- Familiarity with experiment-building programs (e.g. E-Prime, Psychopy etc.) is desirable.
- Programming skills and basic knowledge of computational concepts would be preferential criteria

**Languages:** At least some knowledge of Italian and German. Basic knowledge of additional languages (Chinese or Polish) would be preferential criteria.

**For further information contact Dr. Maria Luisa Lorusso: [marialuisa.lorusso@BP.LNF.IT](mailto:marialuisa.lorusso@BP.LNF.IT)**

### duration of the appointment

36 months

Start: presumed date 1<sup>st</sup> September 2018

### remuneration - contract

The gross annual remuneration falls within the range 35,200.00 - 37,400.00 euros (depending on whether the family allowance is due).

The assignee will be offered 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*).

### The gross annual remuneration

The funding provided by the Grant Agreement for the contract is as follows:

Living allowance (*)	€ 3.318,37
Mobility allowance	€ 600,00
Family allowance (**)	€ 250,00
<b>Total funding</b>	<b>€ 4.168,37</b>

(\*) Living allowance: € 3.110,00 per month multiplied by the country correction coefficient (for Italy is 106,7%).

(\*\*) Family allowance: average based on the amount for the family allowance set out in the Main Work Programme – MSCA (€ 500,00/month) in force at the time of the call (half of the number of units with family, half without).

The aforementioned funding shall cover the gross remuneration for ESR and all compulsory deductions under national legislation as specified in the Grant Agreement, due by both the IRCCS “E.Medea” and the ESR.

The aforementioned funding shall cover the:

**total remuneration costs** (salaries, social security contributions, taxes and other costs included in the remuneration under the employment contract or other direct contract)

**total mobility costs** (household, relocation and travel expenses and, if they must be paid under national law, taxes, duties and social security contributions) for the researcher during the action

**total family costs** for the researcher during the action.

The family allowance is due if the researcher has a family at the time of recruitment.

“Family” means persons linked to the researcher by marriage (or a relationship with equivalent status to a marriage recognised by the legislation of the country where this relationship was formalised) or dependent children who are actually being maintained by the researcher.

The amount, inclusive of sums for tax and social security which rest on the ESR, shall be paid in deferred n. 36 monthly instalments.

In addition to the remuneration, the ESR shall receive a refund for travelling and participation to seminars and conferences, and other activities related to the Project, if authorised by the Scientific Advisor of the Project and as under the Regulation of IRCCS “E.Medea”, within the budget limits provided for this purpose by the Grant Agreement.

### **applications for participation in the selection**

Candidates interested in the positions should connect to <https://www.multilingualmind.eu/15-early-stage-researchers-esrs> and look for documents required. They should send by email the documents to the following address: [info@multilingualmind.eu](mailto:info@multilingualmind.eu) clearly stating that they wish to be considered for the **“MultiMind’s recruitment ESR12”** not later than **12 noon of the day 26th June 2018** under penalty of exclusion.

### **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 (selection committee), whose evaluation is unquestionable and irrevocable.

Selection committee (currently established): Maria Teresa Guasti, Maria Luisa Lorusso, Theo Marinis.

**The selection will include face-to-face interviews (possibly through Skype or the similar) as an indication before the 15th July 2018.**

#### **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.

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

