

## HUMANITAS UNIVERSITY

### Selection procedure for 2 Type B Research Fellowship in Life Sciences in compliance with art. 22 of Law 240/2010

Humanitas University invites applications for 2 positions as Research Fellow in Life Sciences.

Research Program Title	Fellowship program in Reproductive Medicine
Research supervisor - Tutor	Prof. Paolo Emanuele Levi-Setti
Scientific Area	06 - Medicine
Gross amount of the fellowship	30.000 Euro
Duration of the fellowship	12 months, renewable subject to positive evaluation of the results obtained
Objectives of the research	Humanitas University and Humanitas Research Hospital, with the support of the Cesare Serono Foundation, have activated a Research Training Program in Reproduction Medicine aimed at specialists in Obstetrics and Gynecology in which the themes of couple infertility, pre and post concept genetics, gynecological endocrinology, ovulation induction and the use of gonadotropins in multiovulation, diagnostics, ecoguided sampling and transfer techniques , outpatient endoscopy, laparoscopy and operational hysteroscopy, andrology, prevention and diagnosis of multiple pregnancies, assistance in the early stages of physiological and pathological gestation, follow-up of pregnancies in sterile patients subjected to assisted reproduction techniques (PMA). The annual program includes a formative part in clinical activities (couple infertility, pre and post conceptional genetics, gynecological endocrinology, ovulation induction and use of gonadotropins in, multiovulation, imaging diagnostics, ecoguided sampling and transfer techniques, outpatient endoscopy, laparoscopy and operational hysteroscopy, andrology, prevention and diagnosis of multiple

	pregnancies, assistance in the early stages of physiological and pathological gestation, follow-up of pregnancies in sterile patients subjected to assisted reproduction techniques (PMA) for a load of at least 20 hours per week.
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The work place is in Pieve Emanuele/Rozzano - Milano.

A brief description of the project, activities to be carried out, mandatory requirements to take part into the selection process, information on the application procedure and on the selection criteria are presented in the following.

#### **RESEARCH PROJECT:**

Humanitas University and Humanitas Research Hospital, with the support of the Cesare Serono Foundation, have activated a Research Training Program in Reproduction Medicine aimed at specialists in Obstetrics and Gynecology in which the themes of couple infertility, pre and post concept genetics, gynecological endocrinology, ovulation induction and the use of gonadotropins in multiovulation, diagnostics, ecoguided sampling and transfer techniques , outpatient endoscopy, laparoscopy and operational hysteroscopy, andrology, prevention and diagnosis of multiple pregnancies, assistance in the early stages of physiological and pathological gestation, follow-up of pregnancies in sterile patients subjected to assisted reproduction techniques (PMA). The annual program includes a formative part in clinical activities (couple infertility, pre and post conceptional genetics, gynecological endocrinology, ovulation induction and use of gonadotropins in, multiovulation, imaging diagnostics, eco-guided sampling and transfer techniques, outpatient endoscopy, laparoscopy and operational hysteroscopy, andrology, prevention and diagnosis of multiple pregnancies, assistance in the early stages of physiological and pathological gestation, follow-up of pregnancies in sterile patients subjected to assisted reproduction techniques (PMA) for a load of at least 20 hours per week.

#### **ACTIVITIES TO BE CARRIED OUT:**

The fellow will participate in the following activities:

1. Support to clinical and translational research activities in projects related to Reproduction Medicine.
2. Conduct of prospective, randomized, observational and retrospective studies on the themes of the Program.
3. role of tutor teaching activity on the topics covered by the training program.
4. development of training in simulation

5. grant holders will have to work at least 20 hours of care at the Fertility Center in Humanitas, accredited as a Training Center by the European Board and College of Obstetrics and Gynaecology (EBCOG), Union Européenne des Médecins Spécialistes (UEMS) and the European Society of Human Reproduction and Embryology (ESHRE).

**MANDATORY REQUIREMENTS:**

In order to be considered for the post candidates must hold a Masters' Degree in Medicine and Surgery and a Diploma of Medical Specialty (Residency) in Obstetrics and Gynecology.

In order to be considered for the post candidates must hold:

1. Masters' Degree in Medicine and Surgery (or an equivalent qualification awarded by a foreign university);
2. Diploma of Medical Specialty (Residency) in Obstetrics and Gynecology;
3. Scientific and professional CV suitable to the carrying out of the research activities outlined above

**SELECTION PROCESS:**

Application for admissions must be submitted at the following link:

<https://pica.cineca.it/humanitas>

No hard copy of the application must be sent by post.

At first access, applicants need to register by clicking on "Register" and completing the requested data.

If applicants already have LOGINMIUR credentials, they do not need to register again. They must access with their LOGINMIUR username and password in the relevant field LOGINMIUR.

Applicants must enter all data necessary to produce the application and attach the required documents in PDF format.

**SELECTION CRITERIA:**

Selection criteria are predetermined by the Selection Committee. As part of the selection process, the Committee will evaluate the curriculum, titles and publications presented by the candidate and will consider, in particular an excellent theoretical knowledge in the field of immunology; moreover she/he must have experience in preclinical models in mice and aptitude to learn new models, familiarity with basic

immunological techniques (ELISA), biochemical techniques (SDS-PAGE, western blot) and cell culture; knowledge of imaging techniques will represent a preferential criterion.

**FURTHER INFORMATION:**

For more details on the selection process please refer to the **Rectorate Decree n. 076/2021** (<http://www.hunimed.eu/it/lavora-con-noi/>) or send an inquiry to [ufficiodocenti@hunimed.eu](mailto:ufficiodocenti@hunimed.eu) or telephone +39 02.8224.5642/5421.