

HUMANITAS UNIVERSITY

Selection procedure for a Type B Research Fellowship in Life Sciences in compliance with art. 22 of law 240/2010

Humanitas University invites applications for a position as Research Fellow in Life Sciences.

Research Program Title	The inflammatory gene expression program in macrophages: an integrated approach to the characterization of transcriptional coregulators
Research supervisor - Tutor	Prof. Gioacchino Natoli
Scientific Area	05- Biological science
Gross amount of the fellowship	32.000 Euro
Duration of the fellowship	12 months
Objectives of the research	Computational analysis of Next Generation Sequencing data, including RNA-sequencing, ChIP-sequencing and ATAC-sequencing data sets

The work place is in 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:

The project involves the characterization of the transcriptional coregulators controlling inflammatory gene expression in myeloid cells (particularlry macrophages) . The project will requirea panel of genomic analyses (on RNA-seq, ChIP-seq and ATAC-seq data sets) in murine macrophages in which a broad panel of transcriptional coregulators will be depleted by RNA interference or genome editing

ACTIVITIES TO BE CARRIED OUT:

The successful candidate will carry out computational analysis of Next Generation Sequencing data, including RNA-sequencing, ChIP-sequencing and ATAC-sequencing data sets

MANDATORY REQUIREMENTS:

In order to be considered for the post candidates must hold a Bachelor's degree obtained in accordance with DM 270/2004 or an equivalent Italian University degree or a comparable academic title granted by a foreign University (usually referred to as a Master's Degree) in Biotechnologies, a Degree in Medicine and Surgery, a Master degree in Biological Sciences or Equivalent, PhD degree, Scientific and professional expertise suitable to carry out the indicated activities.

SELECTION PROCESS:

Applications should be written on plain paper according to the application form attached (ALLEGATO A) to the Rectoral Decree n. 29/2017 (available at page <http://www.hunimed.eu/it/lavora-con-noi/>) and must be produced, under penalty of exclusion, within twenty (20) days from the day of the publication of the notice. If the specified deadline falls on a public holiday, the deadline is the next working day.

The application form, duly signed, under penalty of exclusion, can be sent in one of the following ways:

1. via certified email (PEC) by sending the application and all relevant documents, in PDF format, to hunimed@pec.it (quoting in the subject: "*Research Project title as stated in the table above*" with the indication scientific area relevant for this post. Please note that certified email can only be received by other PEC; therefore will not be considered valid, the application sent by an e-mail address that is not certified as PEC.
2. Either via registered letter with acknowledgment of receipt, courier or hand-delivered to the Rector of the University Humanitas, "Segreteria del Rettorato della Università Humanitas" via Manzoni No. 113-20089 Rozzano (MI), by the deadline mention above specifying on the envelope the "Research Project title as stated in the table above", the name and address of the candidate.

Applications must include:

1. a curriculum vitae dated and signed, containing the description of any professional or research experience (including publications and participation at conferences);
 2. a copy of a valid document of identity or, for Non-EU citizens, a copy of applicant's passport.
- For EU citizens or equivalent, that which has been declared in the application form (ALLEGATO A) assumes substitute value of certifications according to DPR 445/2000;

Applications can also include:

3. a dated and signed list of the titles presented;
4. a dated and signed list of the publication presented;

All the titles and publications presented together with the application can be produced on plain paper together with a declaration made according to the model attached (ALLEGATO B) to the Rectoral Decree n. 29/2017 (available at page <http://www.hunimed.eu/it/lavora-con-noi/>)

As part of the selection process, a Selection Committee will evaluate the curriculum, titles and publications presented by the candidate.

SELECTION CRITERIA:

The candidate should have a proven experience in the analysis of genomic data sets documented by research publications.

FURTHER INFORMATION:

For more details on the selection process please refer to the Rectoral Decree n. 29/2017 (<http://www.hunimed.eu/it/lavora-con-noi/>) or send an inquiry to ufficiodocenti@hunimed.eu or contact the following number +39 02.8224.5642.