

**UNIVERSITY OF L'AQUILA  
CENTRAL ADMINISTRATION  
HUMAN RESOURCES DEPARTMENT  
Public Announcements and Selections Office**

**ANNOUNCEMENT  
(ENGLISH SUMMARY)**

**DECREE OF THE RECTOR NO. 1401 - 2014 (G.U. NO. 2 – 09.01.2015)**

A public selection procedure for the recruitment of one full-time, three-year researcher position is being held at the University of L'Aquila in compliance with art. 24, comma 3, letter a of Law n. 240, 30<sup>th</sup> December 2010.

**Competition Sector:** 06/D3 Blood diseases, oncology and rheumatology  
**Scientific - Disciplinary Sector:** MED/15 Blood diseases  
**Department of Life, Health and Environmental Sciences**

**Research Project Title**

The role of NOTCH1 oncogene in the pathogenesis of chronic lymphocytic leukemia.

**Project Summary:**

The research project aims at studying the effects of different drugs on NOTCH1 gene signals in chronic lymphocytic leukemia (LLC) cells in relation to mutation processes in order to identify the role played by NOTCH1 in the hematopoietic stem cell compartment of LLC.

In general, the research activity to be carried out aims at obtaining important information required in order to provide LLC patients with personalized therapy, with the objective of: 1) making the best possible use of available LCC drugs; 2) improving the efficacy of recently developed drugs such as BTK inhibitors; 3) finding new molecules for targeted ant-NOTCH1 therapy; 4) establishing the need to use new molecules able to inhibit Notch1 signaling in leukemia stem cells.

**The researcher selected will be required to carry out the following:**

Research work: as outlined in the research project description on: "The role of NOTCH1 oncogene in the pathogenesis of chronic lymphocytic leukemia".

Teaching activities and integrated services for students: The researcher selected will be required to carry out teaching activities programmed annually by the University Department and will also be called to carry out integrated activities and services, specifically - being part of examination and graduation commissions and providing any necessary assistance and training for students enrolled in Bachelor and Master-level degree courses together with thesis assistance for students enrolled in both levels.

**Research and teaching activities are to be carried out at:**

Department of Life, Health and Environmental Sciences - University of L'Aquila

**Number of hours required for teaching and integrated activities:**

350 hrs. per year.

**Total number of hours required for research, teaching and integrated activities:**

1,500 hrs. per year.

**Salary:**

Standard initial salary for confirmed full-time researchers.

**Qualifications and Competence Required:**

Applicants wishing to take part in the selection must possess the following qualifications: Ph.D, or equivalent, obtained in Italy or abroad pertaining to the scientific disciplinary sector of the research project - SSD MED/15, that is a Specialization in Hematology or in Microbiology and Virology

or alternatively,

a V.O. Degree (former Italian degree) in Medicine and Surgery or in Biological Sciences or a "Specialist", or Master-level Degree obtained in compliance with Italian laws: D.M. n. 509/99 and D.M. n. 270/2004. Applicants must also have a professional CV documenting their competence and ability to carry out research in the required fields specified above.

**Foreign Language Requisite:**

English

**Application period:**

**10.01.2015 / 09.02.2015**

**To consult the complete text of this announcement (in Italian) please visit the corresponding webpage in our Italian site.**