

## Targeting the microenvironment of mature B-cells malignancies at Nantes Cancer and Immunology Research Center

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### Offer description

A one-year (renewable) postdoctoral position is available in the Team\_#10 of the Center for Research in Cancerology and Immunology of Nantes (<http://www.crcina.org>). This position will be part of the topic “microenvironment of mature B cells malignancies”. The project will focus on cellular and molecular integration of lymphoma niches for novel rational therapeutic strategies.

Working Environment: The commitment of both academic (CRCINA, INSERM, CNRS) and clinical actors (CHU de Nantes) in our structured consortium “L’Héma-NExt” (I-SITE labeled cluster), which is dedicated to hematology, provide a strong research environment and ensure the rapid translation of bench discoveries into clinical studies. In addition, our team also belongs to several networks gathering experts in hematology (Calym Carnot Institute) and microenvironment (GDR3697 MicroNit). Finally, our team is a stakeholder of SIRIC ILIAD ([www.siric-iliad.com](http://www.siric-iliad.com)), an INCa-certified multidisciplinary research project in onco/hematology.

### Researcher profiles

- ☐ First-Stage Researcher (*PhD candidate*)
- ☒ Young Researcher (*with less than 4 years research experience after PhD*)
- ☐ Established Researcher (*with more than 4 years research experience*)
- ☐ Senior Researcher

### Research Fields (2 max.)

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|---|---|
| <input checked="" type="checkbox"/> Biological Sciences | <input type="checkbox"/> Medical Sciences         |
| <input type="checkbox"/> Chemistry                      | <input type="checkbox"/> Neurosciences            |
| <input type="checkbox"/> Computer Science               | <input type="checkbox"/> Pharmacological Sciences |
| <input type="checkbox"/> Engineering                    | <input type="checkbox"/> Physics                  |
| <input type="checkbox"/> Environmental Science          | <input type="checkbox"/> Technology               |
| <input type="checkbox"/> Ethics in Health Sciences      | <input type="checkbox"/> Other (specify):         |

### Main Activities

- This project aims to characterize microenvironment-dependent molecular regulation involved in resistance/escape of cancer cells to death.
- The candidate will benefit from the expertise of the team in the fields of B-cell lymphoma ecosystems and Bcl2-family network.
- The candidate will have access to pre-established models (primary cells, ex vivo coculture model, PDX) and cutting edge technologies (multispectral IF, scRNA-seq)
- The candidate will formulate new ideas related to the projects and will design and plan follow-up experiments

<b>Associated Activities</b>	<ul style="list-style-type: none"> <li>• Student supervision</li> <li>• Presentation in lab meetings and scientific conferences</li> </ul>
<b>Specific Requirements or Constraints</b>	<ul style="list-style-type: none"> <li>• Application to grant/fellowship support during the position</li> </ul>
<b>Skills/Qualifications</b>	<ul style="list-style-type: none"> <li>• We seek for a motivated and autonomous postdoctoral fellow with a strong expertise in cell biology (including flow cytometry and primary cell culture) and molecular biology.</li> <li>• Candidates with skills in bioinformatics (including R) will be prioritized.</li> <li>• Evidence of expertise supported by first-author publications in peer-reviewed journals is essential</li> <li>• Teamwork skills as well as excellent oral and written communication skills are mandatory.</li> </ul>
<b>Required Experience</b>	X 0 to 2 years   X 2 to 4 years <input type="checkbox"/> 4 to 10 years <input type="checkbox"/> >10 years <b>Fields:</b> Cellular Biology, Molecular Biology, Bioinformatics
<b>Required Education Level or Diploma</b>	<ul style="list-style-type: none"> <li>• PhD in Biological Sciences</li> </ul>
<b>Required Languages</b>	<ul style="list-style-type: none"> <li>• English, French</li> </ul>

**Hosting Unit**

**Code** INSERM1232

**Contract**

**Type** CDD

**Contract**

**Duration** 12 to 24

**Salary** : Related to experience

**Contract**

**Envisaged Start Date** 01/2021

# Application

## Applicants must send a CV and a cover letter to:

Catherine.pellat-deceunynck@univ-nantes.fr  
david.chiron@univ-nantes.fr

## Contact for further information (name, telephone/mail):

David Chiron  
david.chiron@univ-nantes.fr

## Deadline for application:

December 2020