

## Job Offer

# Post-doctoral position (30 months)

### Job Profile

**CSS** 7 : Technologies de la santé

**Offer description** A 2.5-year post-doctoral position funded by Inserm is available to study the responses of immune and cancer cells to new modalities of radiotherapy, namely minibeam spatial fractionation combined with ultra-high dose rates.

**Researcher profiles**

- First-Stage Researcher (*PhD candidate*)
- Recognised Researcher (*with less than 4 years research experience after PhD*)
- Established Researcher (*with more than 4 years research experience*)
- Leading Researcher

**Research Fields (2 max.)**

<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 checked="" 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**

- (Live) imaging of co-culture models of immune and cancer cells and image quantification
- Animal irradiation and histological analyses

**Associated Activities**

- Work in collaboration with radiophysicists. The position will be based in Angers at the Institut de Cancérologie de l'Ouest, with activities in Saint-Herblain (ARRONAX cyclotron facility).

**Specific Requirements or Constraints**

- The candidate will work at the interface of biology and radiophysics, which requires excellent communication skills to interact with the project team.

**Skills/Qualifications**

- Cell culture, microscopy, mouse tumor models

**Required Experience**

0 to 2 years    2 to 4 years    4 to 10 years    >10 years

**Fields:** Biology, biophysics

**Required Education Level or Diploma**

- PhD in cell biology or equivalent

**Required Languages**

- French, English

### Hosting Unit

**Code**

<b>Name</b>	CRCI2NA
<b>Director</b>	P. Juin
<b>Composition</b>	
<b>Address</b>	8 quai Moncouso, BP 70721, 44007 Nantes Cedex 1
<b>Website</b>	<a href="https://crci2na.univ-nantes.fr/">https://crci2na.univ-nantes.fr/</a>
<b>Contract</b>	
<b>Type</b>	CDD
<b>Duration</b>	30 months
<b>Salary</b>	35 268 €/yr
<b>Envisaged Start Date</b>	01/06/2026

## Application

Applicants must send a CV with publication list and a motivation letter to Pierre Vidi ([pierre.vidi@ico.unicancer.fr](mailto:pierre.vidi@ico.unicancer.fr))