

**JUSTIFICATION OF REQUESTED AMOUNTS:**

To complete this section, review the Guidelines for the 2023 Postdoctoral Fondecyt Competition and application instructions (use letter size format, Verdana font size 10 or similar).

**OPERATIONAL EXPENSES:**

Under this item, you must request and justify the resources requested for project travel, international cooperation travel, and general operating expenses.

**OPERATIONAL EXPENSES - PROJECT TRAVEL:**

Travel arrangements are funded solely for activities directly related with the execution of the project, presentation of results, and dissemination to society. Only **economy airfares** are accepted.

**FOREIGN TRAVEL:** A maximum of **one trip per year** is financed for scientific meetings or congresses.

	<b>Airfare (Thousands of CLP)</b>	<b>Per diem (Thousands of CLP)</b>	<b>Destination</b>	<b>Number of Days</b>	<b>Purpose of the trip</b>
<b>Year 1</b>					
<b>Year 2</b>	1000	1000	Europe/USA	8	Conference 1
<b>Year 3</b>	1500	1000	Japan	8	Conference 2

**DOMESTIC TRAVEL:**

	<b>Airfare (Thousands of CLP)</b>	<b>Per diem (Thousands of CLP)</b>	<b>Destination</b>	<b>Number of Days</b>	<b>Purpose of the trip</b>
<b>Year 1</b>					
<b>Year 2</b>					
<b>Year 3</b>					

## GENERAL OPERATIONAL EXPENSES:

In the following table, indicate the **estimated annual cost** of one or more subitems necessary for a successful execution of the project. Provide a detailed justification for your funding request for each subitem.

Important:

- Review the Guidelines for the 2023 Postdoctoral Fondecyt Competition regarding the expenses that can be charged to the project.
- Equipment must be requested under the equipment item.

Subitem	Justification of Request	Year 1 (Thousands of CLP)	Year 2 (Thousands of CLP)	Year 3 (Thousands of CLP)
Materials		100	200	100
Training				
Registration fees for seminars, congresses, workshops, etc.			600	600
Publications, Intellectual and Industrial Property				
Purchase of publications and subscriptions	books	500	500	500
Dissemination expenses				400
Software		500	300	300
Expenses incurred in performance bonds, insurance policies or promissory notes				
Equipment repair and rental		800	800	
Transportation			100	100
Hosting meetings				
Other operational expenses				
<b>TOTAL:</b>		1900	2500	2000

### Materials

Office materials are requested such as: paper, pencils, printer's ink, etc.

### Equipment repair and rental

It is considered to partially pay for the use of the resonators, which is about M\$150 per hour. The additional cost of the use of the machines will be assumed by the Center for Biomedical Imaging of the Pontifical Catholic University.

### Purchase of publications and subscriptions

Machine Learning and Hemodynamics books will be purchased.

### Softwares

Licenses of some softwares will be acquired such as: Github (code management) and large space on Google Drive for saving big data and medical images as well. After the first year, the license is renewed.

**EQUIPMENT:**

Justify the need to have the requested equipment, indicating how they relate to the proposed objectives and/or methodologies. Describe the technical specifications for each of them. **Tablets, Printers, Notebooks, Desktop Computers, among others, must be included in this item.**

Fondecyt suggests incorporating quotes for equipment whose characteristics are very specific into the “Anexos – Otros documentos” section.

	<b>Name of Equipment</b>	<b>Cost (Thousands of CLP) (*)</b>	<b>Justify your request</b>
<b>Year 1</b>	Laptop	2600	High capacity laptop is need it to run Machine Learning and CFD simulations. An i7 processor is need of last generation. At least 16Gb of RAM memory. Hard disk of at least 1Tb (preferable SSD). A high-tech Graphic card is also need it for high demanding computations and graphical post-processing tools (image segmentation, mesh generation, etc). This will be the only main tool for all the initial development of this project. NLHPC is also intended to use for more extensive and more significant simulations.
<b>Year 2</b>			
<b>Year 3</b>			

(\*) The requested amount must include import costs, adaptation of physical spaces, installation and commissioning, maintenance, warranties, and insurance.