



**INSTRUCT** is the European Strategic Infrastructure Project (ESFRI) in the area of Structural Biology.

Instruct's uniqueness lies in offering a coordinated route to access each of the Instruct technologies appropriate for the best scientific outcome: this takes the form of peer-reviewed, free-at-the-point-of-use, open access with expert support and supervision with advice on other methods, technologies or approaches that might be useful. Added value is gained by the user in discovering new opportunities for exploiting synergistic integrative approaches through collaboration, mobility to excellent facilities, expert training and increased skills in the latest and developing technologies.



## I2PC

The INSTRUCT Image Processing Center (I<sup>2</sup>PC) is, within INSTRUCT, the European Reference Center for Image Processing in Transmission Electron Microscopy and X-ray Microscopy. It provides support to structural biologists, helping them to maximize the extraction of biological knowledge from their microscopy images. To this end it provides support and training in the use of image processing software, at the same time that it develops software and standards oriented towards the standardization, simplification and reliability of the image processing tasks.

## INSTRUCT PLATFORMS

I<sup>2</sup>PC provides support for image processing of electron and X-ray microscopy images acquired as part of Instruct Projects.

There are two modalities of support:

### Image Processing ePlatform

We provide remote access to our computational environment. At this moment this access is focused on single particles mainly through the XMIPP package. During 2015 a general web-accessible workflow platform we will be provided, combining different processing suites.

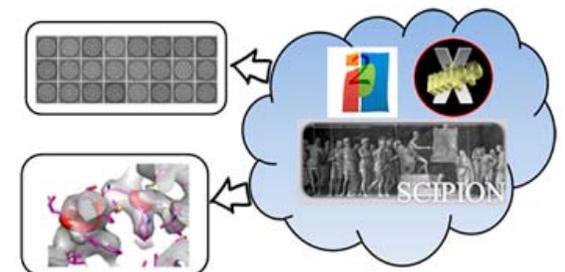
### Personalized support for Image Processing project

We provide personalized support to Instruct projects requiring specialized processing of either electron or X-ray microscopy images. We also help developers in integrating their methods into generally accessible analysis workflows.

The Instruct Image Processing Center (I<sup>2</sup>PC) in Madrid assigns personnel to this analysis, as well as the required computational resources.

Support may be requested at:

<http://i2pc.cnb.csic.es/LoadPlatforms.htm>



**APPLY FOR ACCESS NOW AT:**

[WWW.STRUCTURALBIOLOGY.EU](http://WWW.STRUCTURALBIOLOGY.EU)

**NO MEMBERSHIP FEE AND  
MANY BENEFITS**

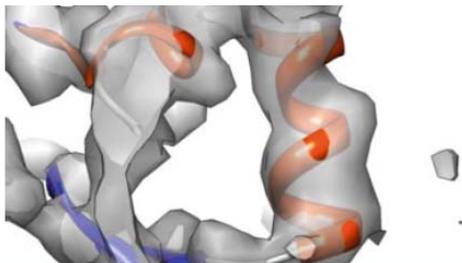
[https://www.structuralbiology.eu/  
user/register](https://www.structuralbiology.eu/user/register)

**ACCESS PROJECTS**

Instruct provides access to high specification, specialist infrastructure that is available at Instruct Centres and is listed in the Instruct catalogue.

**TRAINING**

Instruct provides training opportunities for structural cell biologists at all levels; including courses, workshops, internships, meetings and conferences.



**INSTRUCT**

The Division of Structural Biology,  
WTCHG, Roosevelt Drive,  
Oxford, OX3 7BN  
(UK)

Phone: +44 (0) 1865 287 711  
email: [admin@structuralbiology.eu](mailto:admin@structuralbiology.eu)  
<https://www.structuralbiology.eu/>

**INSTRUCT Image Processing  
Center**

Unidad de Biocomputación  
Centro Nacional de Biotecnología  
c/ Darwin, 3 (Universidad Autónoma  
de Madrid)  
28049 Cantoblanco, Madrid  
(Spain)

Phone: +34 91 585 4510  
email: [ipc@cnb.csic.es](mailto:ipc@cnb.csic.es)  
<http://i2pc.cnb.csic.es/>

