[TEMPLATE – LETTER OF INTENT - USER]

To

Euro-BioImaging ERIC

P.O. Box 123

Tykistökatu 6A

FI-20521

Turku, FINLAND

[*Name and Address of User*]

[*City,* *Date*]

**Letter of Intent**

**Future User of Euro-BioImaging Node**

Dear Sir/Madam,

Regarding the Expression of Interest to become a Euro-BioImaging Node submitted by [*Name of University/Institute*] in [*City, Country*], I [*Name of user and affiliation*] express my interest to access the services offered by the prospective Euro-BioImaging Node.

If [*Name of University/Institute*] is ratified as Euro-BioImaging Node and can provide open access to Euro-BioImaging users, [*Name of user and affiliation*] intends to apply with the research project described in appendix to access this facility because ….

[*max. 150 words: Please explain briefly, why you need access to the planned service provided by this future Euro-BioImaging Node, why this access would be beneficial for your research, …. Please provide more detailed information in the appendix below*]

A brief outline of the intended research project(s) that would be enabled by this Euro-BioImaging Node is attached.

Yours sincerely,

[*Date,* *Signature of User*]

**Appendix - Brief description of user project**

*1. Please provide the following information*

* User Name (Title, First Name, Last Name)
* Position in your institute
* Email address
* User affiliation (with complete address)

*2. Please provide a short (max. 200 words) CV highlighting your expertise in the field. Please list your 5 most important publications of the last 5 years.*

*3. Please provide a short description of your scientific project to be conducted at this future Euro-BioImaging Node*

* Project title
* Field of science, scientific background of the project (max. 150 words)
* Description of work proposed to be conducted at the potential Euro-BioImaging Node (max. 300 words)
* Expected results (3-5 bullets)
* Importance of the project for your overall research (max. 150 words)

*4. Please indicate the technolog(ies) that is (are) envisaged to be used*

*a) Biological Imaging*

* Multimodal imaging ALM e.g
  + Laser scanning confocal systems
  + Spinning disc confocal systems
  + Deconvolution widefield microscopy
* Multiphoton systems
  + Total Internal Reflection Fluorescence Microscopy (TIRF)
* Fourier transform infrared imaging
* Electron microscopy
* Super-resolution microscopy
* Correlative light and electron microscopy
* Functional imaging
* High-throughput microscopy
* Mesoscopic imaging

*b) Multimodal Molecular Imaging*

* PET or SPECT
* CT
* MRI/MRS
* PET/CT or SPECT/CT
* Ultrasound
* In vivo Optical imaging

Medical Imaging

* Phase-Contrast Imaging (X-ray based)
* Ultra High Field-MR
* MR-PET
* Population Imaging
* Challenges Framework

*5. Please indicate the additional resources you would require*

e.g.

Instruments

Technical assistance to run instrument

Methodological setup (e.g. design of study protocol and standard operation procedures)

Training in infrastructure use

Probe preparation

Animal preparation

Animal facilities

Wet lab space

Server Space

Data processing and analysis

Training workstations

Training seminar room

Housing facilities

Other