



## UMEÅ UNIVERSITY

### **Announcement of funding from the Faculty of Medicine at Umeå University for *Research Infrastructure 2020***

The Faculty of Medicine at Umeå University hereby announces funds in the form of 1-year support for: **a)** costs related to the establishment or further development of research infrastructure at the Faculty of Medicine. **b)** budget support for already established research infrastructure that is of considerable importance for the researchers at the faculty. Previous calls have usually resulted in grants in the range of 200-1 500 kSEK.

The call is coordinated with a corresponding call from the Faculty of Science and Technology.

**For 2020, 5 000 000 SEK is hereby announced for support for research infrastructure. The application deadline is January 20, 2020.**

#### **Terms**

The funds are intended to establish and provide research infrastructure, namely a facility (equipment, installation, database, knowledge collection, virtual or other resource) with accompanying personnel competence, that is in demand and necessary to carry out research of high quality. The research infrastructure shall be available according to UmU guidelines (FS 1.1-259-17). Funds can be applied for by individual researchers, groups of researchers or facilities and can be applied for as:

- a) new purchase such as upgrading/supplementing existing equipment/infrastructure or establishment costs at the faculty** which will benefit several research groups at the Faculty of Medicine and Umeå University. The application should represent both breadth and competence and should demonstrate that the funding invested by the faculty is expected to produce synergy effects regarding quality and activity for faculty research. All or part of the costs can be applied for research infrastructure and any co-financing must be specified. Equipment is expected to have a depreciation period (avskrivningstid) of three to eight (3-8) years and is managed at the department. Funds can also be applied for to obtain a so-called advance release (förhandslöfte) for future applications to other financiers. If an advance release is obtained, it is valid one (1) year from the date of decision. Please note that the funds cannot be used for running costs or accessibility of the infrastructure (for example salaries, service agreements and more). The future costs of the specified infrastructure must to the greatest extent be financed through user fees and external grants. Reporting of procurement, visibility, reporting of activities and accessibility takes place according to UmU's guidelines for infrastructure.
- b) budget support for already established research infrastructure.** The application shall demonstrate accessibility, usage, output, and benefit of the research infrastructure as well as demonstrate that the funding invested by the faculty is expected to deliver synergies on quality and activity of the research at the faculty. Funds can be applied for costs related to service agreements, running costs and/or



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staff that are not possible to cover through user fees, this must be justified. Therefore, it is vital that the application describes the infrastructure activities, complete budget and financing plan, as well as motivation as to what the budget support will be used for. The use for research at the Faculty of Medicine must be clear.

### **Application procedure**

The application ought to be written in English according to the instructions below as reviewers may be English speaking. **Please note that instructions and forms differ between category a) and b).** The application is submitted as one pdf-file to [medel@diarie.umu.se](mailto:medel@diarie.umu.se) **by January 20, 2020**. Enter FS 2.1.6-2171-19 in the subject line in the email message.

### **The application must be approved by the main applicant's head of department.**

The head of department may be contacted for internal prioritisation of applications.

Please note that you can only be the main applicant on one application per category. The number of co-applicants on an application is limited to five (5).

At this call time, parallel applications in category **a)** can be submitted to both the Faculty of Science and Technology and to the Faculty of Medicine in cases where the criteria are met for both calls. Such applications must state that parallel applications are submitted and must carry **TWO** main applicants, one from each Faculty. The funding that is sought from each faculty must be specified (and reasonably related to the applicants' faculty affiliation). Inventory of such co-financed infrastructure shall take place within the faculty that has mainly financed the infrastructure.

### **Preparation**

Applications received will be assessed and prioritised by a review group and a decision on allocation will be taken by the Strategic Board for Research (FoN). The plan is to reach a decision within three (3) months after the deadline for applications.

### **Questions?**

For any questions regarding this matter contact Docent Richard Lundmark [richard.lundmark@umu.se](mailto:richard.lundmark@umu.se) or research coordinator Maria Israelsson Nordström [maria.nordstrom@umu.se](mailto:maria.nordstrom@umu.se)



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## **Application Form CATEGORY A) funding for establishment of Research Infrastructure 2020**

**Main Applicant:** (name, position and department):

(Title and amount sought):

**Summary:** (Brief description in English of the research infrastructure, its proposed organisation and benefit for research at the Faculty of Medicine. In total max 200 words)

**Main Applicant**

**Head of Department**

Signature

Date

Name in block letters

Signature

Date

Name in block letters



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### **Appendix 1. Description of the research infrastructure and its usefulness for research** (max 4 A4, Times new roman font 12, single row spacing)

Here, the research infrastructure and its area of application are described, as well as the benefit for research in various areas.

The description should clarify how the funds applied for will strengthen research at the Faculty of Medicine.

### **Appendix 2. Organisation and accessibility** (max 2 A4, Times new roman font 12)

In this Annex, the following should be stated;

- Is the applied research infrastructure already available at Umeå University or at other universities and is it available to researchers at the Faculty of Medicine? How is this research infrastructure coordinated with any similar, already existing infrastructure?
- Does the research infrastructure function as an integral part of one or more research projects or is it meant to function as a separate service unit?

Briefly describe the research infrastructure organisation, for example by specifying:

- Management/ledning (incl. name and function of persons)
- Control/styrning (including name and function of persons)
- Responsible/ansvariga (including name and function of persons)
- Expected number of users occupying the research infrastructure
- How to create accessibility (e.g. systems for booking, prioritisation, waiting times and infrastructure utilisation)
- How to educate users of the research infrastructure
- How the service is managed by the research infrastructure
- Where and how data is available to the user
- Follow-up of activities
- Settlement/avveckling

### **Appendix 3. Financing plan** (max one A4 page description plus Excel file **Finansieringsplan**)

Description of budget items, the financial conditions for co-financing of purchases and future financing of operations.

Brief description of the researchers or facilities supporting the application and in which way the applied research infrastructure is expected to strengthen their research. Also clarify what funds the supporting researchers/facilities have at their disposal and to what extent they will co-finance the research infrastructure.

Upon purchase, a quote is attached here.

Financing plan is reported according to template (Finansieringsplan.xlsx), please note that there are several sheets.



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**Appendix 4. Brief CV of main applicant** (max 2 A4, Times new roman font 12).

**Appendix 5. Publication list from main applicant and co-applicant.** A total of **10 selected publications** (from **2009 and onwards** including **journal impact factor** and **number of citations**) with relevance to the application can be attached.

Submit the application by **2020-01-20** to [medel@diarie.umu.se](mailto:medel@diarie.umu.se). Enter **FS 2.1.6-2171-19** in the subject line of the email message.



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## **Application Form CATEGORY B) Budget support for already established research infrastructure**

**Main Applicant:** (name, position and department):

(Title and amount sought):

**Summary:** (Brief description in English of the research infrastructure, its proposed organisation and benefit for research at the Faculty of Medicine. In total max 200 words)

**Main Applicant**

**Head of Department**

Signature

Date

Name in block letters

Signature

Date

Name in block letters



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### **Appendix 1. Description of the research infrastructure and its activities and availability**

The following should be included:

- A brief general description of the infrastructure. Also describe here if the research infrastructure function as an integral part of one or more research projects or if it is meant to function as a separate service unit. Describe if a similar research infrastructure is available at Umeå University or at other universities and if it is available to researchers at the Faculty of Medicine. If so, how are these infrastructures coordinated? If the facility is part of, or connected to, other research infrastructures, please describe this.
- Main activities of the infrastructure during the last three years (2017-2019).
- A description of the current infrastructure organisation, steering and management.
- A description of equipment “owned” by the infrastructure.
- A list of other equipment used (but not “owned”) by the infrastructure.
- A list of non-equipment material that is accessible by or through the infrastructure (e.g. blood samples, tissues, collected data, computer programs, processes, etc.)
- A list and description of personnel working within the infrastructure.
- A description of the services that are offered by the infrastructure.
- A description of the availability of the infrastructure and how booking of services is organised. Describe if there are any restrictions on availability for different types of users or if availability depends on prioritisation and if so, how the prioritisation is done.
- A description of planned future developments.

### **Appendix 2. Description of the usefulness of the infrastructure for research at the Faculty of Medicine**

The following should be included:

- A description of users and relevant projects during 2017-2019 specified by university (UmU, SLU or external), faculty, department, Region Västerbotten and Principal Investigator.
- A list of publications where the platform is mentioned in Acknowledgements during the last 5 years (2015-2019).
- A list of publications where personnel employed on the platform are included as co-authors during the last 5 years (2015-2019).



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- If necessary, a list of other relevant publications during the last 5 years (2015-2019).
- Other activities, such as courses, arrangement of conferences, teaching activities during the last 3 years (2017-2019).

### **Appendix 3. Financial plan** (including Excel file “Finansieringsplan”)

The following should be included:

- Financing plan for 2020-2023 which should be reported according to template (Finansieringsplan.xlsx), please note that there are several sheets.
- A balancing of books (Bokslut/Resultat) for 2019.
- A specification on the requested budget support from the Faculty of Medicine for 2020 with indication of what costs the support should cover.

### **Appendix 4. Brief CV of main applicant** (max 2 A4, Times new roman font 12).

Submit the application by **2019-01-20** to [medel@diarie.umu.se](mailto:medel@diarie.umu.se). Enter **FS 2.1.6-2171-19** in the subject line of the email message.