



UMEÅ UNIVERSITY

Call for *Strategic research grants 2022* funded by the Faculty of Medicine (for the years 2023-2025) B1 VR criteria

The Faculty of Medicine announces up to ten* 3-year research grants of 800 000 SEK/year including funds for overhead (indirekta gemensamma kostnader). The call is open for all research areas within the Faculty of Medicine and aims to strengthen the competitiveness of researchers to attract external grants received in competition. The grant may be used for salaries (doctoral students, postdocs or other employees), infrastructures or for covering running costs.

The target group for the call is teaching staff with competitive research projects that are yet to be financed by regional grants (financial means) from the university/ALF/TUA or Norra sjukvårdsregionen (Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten) and that is *not* one of the faculty's top researchers concerning ongoing, large external grants (as defined in this call).

General information

The long-term goal is to annually announce up to ten* 3-year grants of 800 000 SEK/year (that is, thirty ongoing grants, three years in length.) The distribution of the grants with respect to different research areas will be evaluated annually. Future evaluations will show whether the grants have resulted in an increased competitiveness in attracting external grants received in competition.

The application should be written in English (since the reviewers may be English speaking); must be signed by the applicant and the head of department. The head of department will certify that the application has undergone an internal peer review process at the department and will also describe the internal peer review process.

The applicant will select whether the application should be reviewed by Review panel 1, which will review the application using the criteria of the Swedish Research Council (VR) for scientific quality, or by Review panel 2, which will review the application using the criteria for scientific quality, and societal relevance as used by FORTE/FORMAS. Only one application per applicant can be submitted; consequently, the applicant has to choose whether the application should be reviewed by Review panel 1 or 2. *The applicant is fully responsible for sending the application to the correct review panel: **B1**, FS 2.1.6-279-22 (B1), or **B2**, FS 2.1.6-280-22 (B2).*

Also, the applicant has to tag the application with the relevant SCB-codes, as to form a basis for the composition of the respective review panels.

For applicants who meet the eligibility criteria for both *Strategic research grants 2022* and *Strategic research grants for scientifically young researchers 2022*, it is possible to apply for a research grant from both of these calls. However, only one research grant can be obtained - if both review panels suggest that an applicant should receive a research grant, he or she is given the possibility to choose from which call the research grant will be allocated.

*Refers to the total number of three-year grants from *Strategisk forskningsresurs* (B1 and B2)



UMEÅ UNIVERSITY

Eligible to apply

The call is open for teaching staff, holding a PhD, that are at least 50% tenured** during the entire period 2023-01-01 to 2025-12-31 and that *has not*;

- A) *Obtained* financial support of 500 000 SEK or more from the faculty/UmU and/or *granted* financial support from Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten (including ALF/TUA) during 2021 (excluding travel grants, funding for infrastructure, funding for interdisciplinary and innovative research, and basenhets-ALF)
or:
- B) *Granted* corresponding support (as A) during 2022, as of April 30th, 2022 (excluding travel grants, funding for infrastructure, funding for interdisciplinary and innovative research, and basenhets-ALF)

Please note that A *or* B is sufficient to exclude eligibility. Example of support can be funding from the faculty/UmU or Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten, this includes all co-funding and support for salaries, resources and/or indirect support, for example support for KAW Fellows/Projects/Scholars and WCMM fellows. Other examples of financial support are co-funding of doctoral students, start-up grants, funding linked to promotion or recruitment, basic science biotechnology grants (bioteknikmedel) and the following grants from *Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten*: Centrala ALF-medel, TUA-medel, spjutspetsmedel and funding granted for research when employed as professor. This does not include funding for infrastructure.

For those who have been allocated a three-year strategic research grant, there must be a lapse of one (1) year after the three years of funding before a new application can be submitted – i.e., those who received strategic research grants during 2020-2022 cannot apply for funding from this call.

- C) The applicant must *not* belong to the Faculty's top researchers – a top researcher is in this call defined as a teacher who obtains a total annual revenue for research (including external funding as well as local grants according to A above) equivalent to 4 MSEK or more during the previous year, excluding travel grants or funding for infrastructure (refers to funds that have been advertised for this very purpose).
Revenue is defined as the amount that has been both requisitioned and paid out to the applicant's account at the department/section. If the said funding/grants are shared, the applicant need only to account for the sum that has been requisitioned and paid out to him/her.
- D) The applicant must include an attestation regarding ongoing research funding from a governmental funding body (VR, FORTE, FORMAS, VINNOVA), or regarding a filed application for such funding (as main applicant); this is required to be eligible to apply for a strategic research grant.

For questions on eligibility to apply, the administrator of the department may contact research coordinator Anna Lundberg, anna.lundberg@umu.se.

** Researchers with a Ph.D. and a permanent employment at the Faculty of Medicine on a teacher/researcher position according to the *Appointments Procedure for Teachers at Umeå University*, valid as of 2021-07-01 (FS 1.1-1134-21), including persons with permanent positions as assistant professors (biträdande universitetslektorer) or research fellow (forskare).



UMEÅ UNIVERSITY

Review panel and grant decisions

The applications will be evaluated by Review panel 1 or 2 respectively; the review panels will be appointed by the Strategic Board for Research (FON). The chairperson and the vice chairperson of each review panel will be recruited internally and should have experience from review panels at national research councils. The panel members will mainly be recruited among external researchers with experience from work in review panels in national and international research councils. The goal is to appoint panel members who have the required competence to assess applications from all research areas at the Faculty. If the review panel finds that it needs to be supplemented by members in order to evaluate all applications, then the panel will be complemented accordingly. For each review panel, one member from the Strategic Board for Research (FON) and/or one member from the Faculty Board (FN) will be appointed as observers.

Review panel 1 will evaluate the applications according to a combination of the assessment criteria as used by The Swedish Research Council (**VR**) and include:

- Novelty and originality (1-7)
- The scientific quality of the project (1-7)
- The research competence of the project leader (1-7)
- Feasibility (1-3)
- An overall assessment, reflecting the scientific quality of the application (1-7)

Scoring according to these criteria aims at facilitating the assessment of single components of the application. There will also be an overall assessment regarding the scientific quality of the application. Based on the assessment, all members of the review panel will rank the reviewed applications. The individual rankings of each reviewer will be combined to give a preliminary ranking for further discussion at the review panel meeting. When two or more applications are assessed as equal, based on their total score, the score for scientific quality will be ranked most important. The chair of the review panel will present the final ranking at a meeting with the Strategic Board for Research (FON), which will put forward a suggestion for the Faculty Board (FN); FN will make the final decision. The number of research grants granted in each group (B1 and B2) is dependent on the number of applications in each group.



UMEÅ UNIVERSITY

The application must include the following appendices and be sent in via the Faculty's application portal Researchweb (see further instructions in the application portal)

Appendix A CV

Make sure your CV is updated in your profile in Researchweb.

Appendix B Publications

Your publication list will be automatically uploaded to your application from your profile.

1. Total number of publications of the last 8 years: These publications will be uploaded from DiVA, include number of citations for the publication and the Impact Factor for the journal during the year of the intended publication for those publications of most importance for the application.

- **Peer-reviewed original articles**
- **Peer-reviewed conference contributions** the results of which are not included in other publications.
- **Peer-reviewed edited volumes**
- **Research review articles**
- **Peer-reviewed books and book chapters**
- **Other publications including popular science books/presentations**

Note! Please sort the publications under each heading in reverse chronological order so that the latest publication is at the top of the list. Please include only articles or corresponding that have been published or accepted for publication at the time of applying. The order of authors in the publication list must be identical to that of the published work. Also note that the publication list cannot exceed five pages.

2. Selection of publications: Select (at the most) the ten most important publications to the application. You should state, for each of the ten most important publications, your contributions to the publication and in which context the publication contributes to the intended project. (This must not exceed four lines per publication).

Mark your name in the list of authors in bold. Include number of citations for the publication, and the Impact Factor for the journal during the year of the intended publication. (Attach as an appendix in Researchweb).

Appendix C Received revenue (erhållna intäkter) (attach as appendices in Researchweb)
Please note that this section is described and is to be reported in Swedish.

The department's economy administrator may assist you in assembling the requested information.

Erhållna intäkter år 2021 (för lokalt stöd från fakulteten/UmU/Region Västerbotten/ Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten inkl. ALF/TUA, även beviljade medel år 2022 per den 30 april 2022) redovisas enligt anvisningar i Bilaga C:

1. Utbetalda lokala stöd från fakulteten eller UmU till den sökande. Kommentera särskilt vad som är resemedel/medel för infrastrukturer
2. Beviljade medel från Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten år 2021 avseende centrala ALF-medel, TUA-



UMEÅ UNIVERSITY

medel, spjutspetsmedel och medel för forskning vid anställning som professor.
Kommentera särskilt vad som är resemedel/medel för infrastrukturer

3. Samtliga bidragsintäkter (bukod 320) samt försäljningsintäkter (bukod 340) på vh 22 exklusive finansiär Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten. Kommentera särskilt vad som är resemedel/medel för infrastrukturer
4. Medfinansiering av UGEM och FGEM på vh 21 och vh 22
5. Medfinansiering av UGEM och FGEM på vh 23 avseende finansiär Region Västerbotten

För frågor som rör bilaga C kan berörd institutions ekonomiadministratör kontakta controller Carina Wallmark, carina.wallmark@umu.se.



UMEÅ UNIVERSITY

Anvisningar Bilaga C Erhållna intäkter

(Anvisningarna för bilaga C består av bilder i form av urklipp ur ekonomisystemet Raindance för att underlätta ekonomiadministratörens rapportering av forskarens erhållna medel)

1) I förekommande fall utskrift ur *Raindance/Beslutsstöd/Uppföljning/Frågor & Analys/Utfall* över utbetalda **lokala stöd** från fakulteten eller Umu till den sökande **år 2021** samt eventuellt beviljade lokala stöd **år 2022 per den 30 april 2022**, exempelvis finansiering eller medfinansiering av anställningar, stöd till KAW Fellows/Projects/Scholars och WCOMM fellows. Andra exempel på stöd är samfinansierade doktorandanställningar, startbidrag/resurs i samband med befordran, rekryteringspaket, flyktfara, bioteknikmedel: Rapport *V2OP Projekt inklusive passiva* anpassas och tas ut för aktuell period och den sökande enligt bild nedan och exporteras till Excel.

V2OP Utfall Projekt inkl passiva



Urval Delsummor Nollrader Sidor Alla projekt inkl passiva visas

Org enh Status

PROJ * Aktiv/Passiv * SP * Bukod KTO * Aktiv * M * Huv * MF * FIN *

PROJ	VH	Bukod	Ant	Aktiv	M	Huv	Utfall 2018 Tkr	Utfall Ack Tkr	Budget 2019 Tkr	Prognos Tkr	Prog %	Text
300000210	21	310 Anslag			I		-3 410	-499	-3 347	-3 347	15	
	21	520 Driftskostnader			E		0	-264	0	0	0	
Summa 300000210							-3 410	-764	-3 347	-3 347	23	
300000211	21	310 Anslag			I		-8 200	-1 250	-10 600	-10 600	12	
Summa 300000211							-8 200	-1 250	-10 600	-10 600	12	
							-11 610	-2 014	-13 947	-13 947	14	



UMEÅ UNIVERSITY

2) I förekommande fall uppgifter om **beviljade medel från Region Västerbotten/Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten år 2021** samt eventuella beviljade medel år 2022 per den 30 april 2022 avseende centrala ALF-medel, TUA-medel, spjutspetsmedel och medel för forskning vid anställning som professor. **OBS!** att uppgifterna även ska inkludera sådana ALF-/TUA-medel som rekviderats till UmU, då dessa exkluderas i redovisningen av bidragsintäkter under punkt 3.

3) Utskrift ur *Raindance/Beslutsstöd/Uppföljning/Frågor & Analys/Utfall* med den sökandes samtliga **erhållna bidragsintäkter** (bukod 320) och **försäljningsintäkter** (bukod 340) på vh 22 *exklusive projekt med finansiär Region Västerbotten (22100) år 2021*. Rapport *V20P Projekt inklusive passiva* anpassas och tas ut för aktuell period och den sökande enligt bild nedan och exporteras till Excel. Ange vilka projekt som eventuellt avser resemedel eller medel för forskningsinfrastruktur. **Eventuella ALF-/TUA-medel som har beviljats av Region Jämtland Härjedalen/Region Västernorrland/Region Norrbotten enligt punkt 2 och som har rekviderats till Umu måste exkluderas manuellt från Excel-filen.**

V20P Utfall Projekt inkl passiva

Urval Delsummor 1 Nollrader Sidor Alla projekt inkl passiva visas

Org enh Medicinska fakulteten Status ●

PROJ * Aktiv/Passiv * VH SP * Bukod KTO * Aktiv * M * Huv * MF * FIN PL

PROJ	VH	Bukod	Ant	Aktiv	M	Huv	Utfall 2018 Tkr	Utfall Ack Tkr	Budget 2019 Tkr	Prognos Tkr	Prog %	Text
300000409 Kempe I	22	320 Bidrag			E		0	-54	0	-10	544	
	22	340 Försäljningsintäkt			I		0	94	0	94	100	
Summa 300000409							0	40	0	84	47	
300000419 Hjärt o lungf Scapis	22	320 Bidrag			E		981	0	0	0	0	
Summa 300000419							981	0	0	0	0	
300000420 UU/KAWScapis	22	320 Bidrag			E		1 906	1 414	3 525	1 737	81	
Summa 300000420							1 906	1 414	3 525	1 737	81	
300000421 N E Holmstens forskn stift	22	320 Bidrag			E		0	225	0	0	0	
Summa 300000421							0	225	0	0	0	
300000611 VLL LP4U	22	320 Bidrag			E		0	0	1 500	1 500	0	
Summa 300000611							0	0	1 500	1 500	0	
300000612 Övr landsting LP4U	22	320 Bidrag			E		1 500	4 500	4 500	4 500	100	
Summa 300000612							1 500	4 500	4 500	4 500	100	
							4 387	6 179	9 525	7 821	79	



UMEÅ UNIVERSITY

4) I förekommande fall utskrift ur *Raindance/Beslutsstöd/Uppföljning/Frågor & Analys/Bas och medfinansiering* med **utbetalad medfinansiering från fakulteten av UGEM och FGEM** inom vh 21 och vh 22 **år 2021**. Rapport *V73 Utfall bas medfinansiering* anpassas och tas ut för den sökande enligt bild nedan och exporteras till Excel. Anslag för medfinansiering beräknas därefter enligt utfall bas för samtliga medfinansierade projekt på vh 21 och 22 och en schabloniserad OH enligt genomsnittlig budgeterad UGEM och FGEM inom FO för Medicinska fakulteten 2021 (17,3%). Schabloniserad OH tillämpas för att eliminera effekten av skillnader i budgeterade OH-nivåer mellan olika institutioner. Projekt märkta "ÖVR" avser lokala beslut om medfinansiering och inkluderas därför inte i underlaget.

V73 Utfall bas medfinansiering



Urval Delsummer 1 Nollrader Sidor

Org enh 3xxx-3xxx VG * PROJ * VH 21,22 BAS JA Bukod 400-690 KTO * MOTP 10000-8999 FIN * MF JAD* PL Sökande

VG	PROJ	FIN	MF	PL	Utfall 2017 kr	Utfall 2018 kr	Ack Utfall kr 2019-06
2 Forskn o fo utb m stödfunktion	300000404 Kempe I	15100 Stift förvaldade av UmU	JA	MAHU0002 Marianne Hultmark	0	0	0
	300000405 Kempe II	15100 Stift förvaldade av UmU	JA	MAHU0002 Marianne Hultmark	0	0	0
Summa 2					0	0	0
					0	0	0



UMEÅ UNIVERSITY

5) I förekommande fall utskrift ur *Raindance/Beslutsstöd/Uppföljning/Frågor & Analys/Bas och medfinansiering* med **utbetald medfinansiering från fakulteten av UGEM och FGEM** inom vh 23 år 2021 avseende projekt med finansiär Region Västerbotten (22100): Rapport *V73 Utfall bas medfinansiering* anpassas och tas ut för den sökande enligt bild nedan och exporteras till Excel. Anslag för medfinansiering beräknas därefter enligt utfall bas för samtliga projekt på vh 23 med finansiär RV och en schabloniserad OH enligt genomsnittlig budgeterad UGEM och FGEM inom FO för Medicinska fakulteten 2021 (17,3%). Schabloniserad OH tillämpas för att eliminera effekten av skillnader i budgeterade OH-nivåer mellan olika institutioner.

V73 Utfall bas medfinansiering



Urval Delsummer 1 Nollrader Sidor

Org ent VG * PROJ * BAS JA Bukod 400-690 KTO * MOTP 10000-8999! MF JA,D*,ÖVR

VG	PROJ	FIN	MF	Utfall	Utfall	Ack Utfall kr
				2017 kr	2018 kr	2019-06
2 Forskn o fo utb m stödfunktion	300000602 NUS kliniska arvoden	22100 VLL Region Västerbotten	JA	0	0	0
Summa 2				0	0	0



UMEÅ UNIVERSITY

Appendix D Budget and financial resources

- List briefly personnel costs, other costs and any other funding of the project for Year 1 – Year 3.
- Justify briefly each cost in the budget stated. The description may cover a maximum of 4 000 characters including blank spaces.
- Other funding. Please state any funding for the project (whole or part) received by you or another researcher, in excess of the amount in this application. Please state rounded amounts in SEK.

Appendix E Abstract

The description may cover a maximum of 1 500 characters, including blank spaces, single spaced.

- The abstract must provide a summary guide to the purpose and implementation of the research and be written in such a way that persons with a different scientific background can understand the information.

Appendix F Popular science description

The description may cover a maximum of 4 500 characters, including blank spaces, single spaced.

- Describe the project in such a way that a person who is not familiar with the subject can understand it. Describe what is to be done and why, and explain why the new knowledge may be important.

Appendix G Research plan for applications to Review panel 1 – to be reviewed according to criteria of the Swedish Research Council (VR)

The research plan in its entirety must encompass no more than 10 pages, (font Arial 11, or larger, single spaced, 2.5 cm margins) and must be prospective (framåtblickande) and structured according to that of a research plan in a VR application, i.e.:

- **Project title**
- **SCB code:** State three SCB codes that describe the research in the application.
<https://www.scb.se/contentassets/10054f2ef27c437884e8cde0d38b9cc4/standard-for-svensk-indelning--av-forskningsamnen-2011-uppdaterad-aug-2016.pdf>
- **Purpose and aims:** State the overall purpose and specific goals of the research project. If you have specified that sex and gender perspectives are relevant to the application, describe in what way they will be applied in relation to purpose, aim and questions of the research project.
- **State-of-the-art:** Summarize briefly the current research frontier within the field/area. Indicate key references.
- **Significance and scientific novelty:** Describe briefly how the project relates to previous research within the area, and its importance in the short and long term. Describe also how the project moves forward and innovates the current research frontier. Please include sex and gender perspectives when relevant.
- **Preliminary and previous results:** Describe briefly your previous research and pilot studies within the research area that make it probable that the project will be feasible. State also if no preliminary results exist.
- **Project description:** Describe the project, including the following items:



UMEÅ UNIVERSITY

- *Theory and methods:* Describe the underlying theory and the methods to be applied in order to reach the project goals. When applicable, describe how sex and gender perspectives relate to the choice of design, questions, method and materials, population/study participants and also data processing and analysis, for example statistics and presentation of results divided by sex.
- *Time plan and implementation.* Describe summarily the time plan for the project during the grant period, and how the project will be implemented.
- *Project organisation.* Clarify the contributions of yourself and any participating researchers to the implementation of the project. Describe and explain the competences and roles of the participating researchers in the project, and also any other researchers or corresponding who are important for the implementation of the project.
- *Ethical considerations.* Describe the ethical issues raised by your project or corresponding. You must also describe how you plan to address ethical dilemmas that may arise. Please justify why the research should be carried out against the background of the ethical issues you have identified. How do your research questions and expected results measure up in relation to the ethical issues? Please also state whether the research involves any handling of personal data, or experiments on animals or human subjects. If no ethical issues are raised, please justify this.
- *Sex and gender perspective.* State whether sex and gender perspectives are applicable in your planned research, and justify your decision. Please note that we are not asking for information about the composition of the research team (men/women).

The following applies:

- If you answer "Yes": Justify your answer and describe also how you take sex and gender perspectives into account in the research plan (see further instructions under "Research plan"). If you have stated that sex and gender perspectives are applicable, but still choose not to include them in your research plan, you will need to justify this here.
- If you answer "No": Please justify your answer.

Also, please provide the following information. If a heading is not relevant to your application, please leave blank.

- **Data analysis and statistics:** Modern methods often generate complex data. Describe how you plan to analyse data collected in the project, and the statistical methods used. If the project covers clinical studies, please include a power analysis.
- **Equipment:** Describe the basic equipment you and your team have at your disposal for the project.
- **Need for infrastructure:** Specify the project's need for international and national infrastructure. Specify also the need for local infrastructure, if depreciation costs for this are included in the application.
- **International and national collaboration:** Describe your and the team's collaboration with foreign and Swedish researchers and research teams. State whether you contribute to or refer to international collaboration in your research.
- **Independent line of research:** If you are working or will be working in a larger group, please clarify how your project relates to the other projects in the group. If you are continuing a project that was wholly or partly started during your doctoral or postdoctoral studies, you must also describe the relationship between your project and the research of your former supervisor.
- **Clinical significance:** Explain if and, if so, how the results of the project may be transferred into clinical use within the area medicine and health.



UMEÅ UNIVERSITY

Appendix H Attestation regarding funding/filed application to a governmental funding body (statligt forskningsråd)

Attach a copy as proof of an obtained research grant from a governmental funding body (VR, FORTE, FORMAS, VINNOVA) or a confirmation of the submitted application (as main applicant).

Appendix I Certificate from the head of department

Attach a document from the head of department certifying that the application is supported and ***in what way*** it has undergone an internal peer review at the department.

The application must be submitted via the Faculty's application portal in Researchweb, www.researchweb.org/is/umu **no later than 31st of May, 2022, at 2 pm (kl. 14.00)**.

Please note that applications that are not submitted via Researchweb or that are incomplete are *not* valid and will therefore not be assessed.

This document has been translated into English. In case of divergence of meaning between the English and Swedish wording of this document, the Swedish wording shall prevail.