

MultiPark Board meeting minutes

1 December 2022, 14:00-16:05, digital meeting

Present Board members: Angela Cenci Nilsson Kajsa M Paulsson Jesper Petersson Arne Lindgren Madeleine Durbeej-Hjalt Sofia Bergh Oskar Hansson (-15:20)

Absent Board members: David Gisselson Nord Stefan Jovinge Roger Olsson Divya Bali

Others present:

Diana Jerman (meeting secretary)

- Designation of minute reviewer (justeringsperson) §1. Kajsa M Paulsson was assigned, together with Angela Cenci Nilsson, to approve the minutes.
- Approval of the agenda §2. The Board approved the agenda.
- Declaration of conflict of interest §3. Arne Lindgren declared conflict of interest to item §7, point vi) Bioinformatics genetics and point vii) NGS database. He did not participate in the discussion nor in the making of the decision.
- Approval of the minutes from the previous board meeting 2022-09-27 §4. The Board approved the minutes from the previous Board meeting on 2022-09-27.
- Approval of delegated decisions §5. The Board approved the delegated decisions summarized in enclosure 2.
- Infrastructure evaluation: §6.
 - Presentation of the report by Kajsa M Paulsson

Kajsa M Paulsson presented her report to the Board, who expressed praise for the excellent work done.

After discussing the evaluation, the Board decided on the following:

- all MultiPark infrastructure managers will be invited to a workshop where Kajsa M Paulsson will present her report and recommendations. General action points will be agreed upon. Thereafter, individual meetings will be offered by Kajsa M Paulsson to infrastructure managers.
- MultiPark will employ a 50% infrastructure manager to coordinate all MultiPark infrastructures. The manager should also be involved in applications to attract external funding or to join larger infrastructure initiatives. Kajsa M Paulsson and Angela Cenci Nilsson will formulate the requirements for this position and the call for applications.

§7. Presentation of the budget plan for 2023:

The coordinator presented a summary of the preparatory discussion held by the steering group, and moreover showed the preliminary budget plan that was discussed during the steering group meeting. Thereafter, the following budget posts were discussed:

i) Reduced percentage funding for permanent positions.

The Board decided to adopt the same percentage coverage of position salaries as applied by the Medical Faculty unless there is a binding document that states otherwise. The percentage coverage of professor salaries for Roger Olsson, and Gunnar Gouras will therefore be reduced to 72% from the current 80%. The percentage coverage of Jan Lexell's salary will gradually be reduced from the current 50% down to to 36% over the 2 coming years (2023-2024).

Per Odin, Laura Wisse and Maria H Nilsson have binding documents which preclude a reduction in the percentage salary coverage implemented by MultiPark.

ii) AI/ML knowledge base

The Board decided to extend the 20% salary support for AI/ML coordinator during 2023 conditional on that a specific research infrastructure action plan is provided. The plan should present an organisational model as well as an active plan for outreaching and networking activities including set goals for numbers of users on both short term (2023) and long term. Support will be provided conditional on meeting these requirements.

iii) Translational pharmacology

After discussing the translational pharmacology platform, it was proposed that the small molecule screening facility led by Roger Olsson should be considered as an infrastructure that is separate from translational pharmacology.

Kajsa M Paulsson informed the Board that this screening facility from 2022 has been included in the national Chemical Biology Consortium Sweden (CBCS). It was decided that Angela Cenci Nilsson and Kajsa M Paulsson will meet Roger Olsson to discuss how the small molecule screening facility can continue to successfully be part of both faculty, university, and national level initiatives and funding schemes, while at the same time serve the interests of the MutiPark users. In the same context, a discussion should take place on how to advertise this infrastructure and render it more accessible and well-known in MultiPark. Support will be provided conditional on meeting these requirements. As to the other parts of the translational pharmacology platform, it was recognised that a programme of translational pharmacology is apart from the

MultiPark research infrastructures but still has a strategic value for MultiPark. It was therefore agreed that funding to translational pharmacology should continue to be provided although in the form of project grants, not in the for infrastructure support. The coordinator has now the task to format the process and conditions for granting this project support.

iv) In vivo brain circuit analysis platform

The budget item, 30% salary for a manager of this newly established platform was approved by the Board.

v) Research nurse for Memory and neurosurgery platform
This budget item, 25% research nurse salary for neurosurgery studies, was approved by the Board.

vi) Bioinformatics, genetics

The Board decided to approve the same amount of funding in 2023 as in 2022, but with a 2% increase for the salary, and an additional 4 000 SEK for NBIS fees; in total 375 000 SEK including indirect costs.

vii) NGS database

The Board decided not to support NGS database with additional funding during 2023 since it was not clear whether the proposed inclusion of diverse patient cases would bring added scientific value.

Discussion on special requests:

i) request for funding for STEM-PD trial

The Board approved the request as specified in the application, with the amount of 1 347 153 SEK including indirect costs.

ii) Other strategic grant application for contribution to EBRAINS partnership fee

This item was not discussed due to lack of time, a *per capsulam* decision will be made via e-mail.

iii) Request for funds for a computer for neuroimaging processing and machine learning

The Board approves the needs of hardware for processing and machine learning but recommends that the applicant checks whether similar services can be achieved via COSMOS-SENS or other resources at LUNARC already in place at Lund University. The Board encourages a dialogue on these matters with LUNARC possibly also involving the MultiPark Al/ML coordinator.

The coordinator informed the Board that the exact amount of budget surplus from this year (to be carried over to the 2023 budget) will be known in mid-January 2023. When the exact surplus is known, the coordinator proposed to open a call to upgrade/improve current infrastructures or establish new ones. This proposal was approved by the Board.

§8. Other points

- Update on the MultiPark Board in the next mandate 2023-2025

Arne Lindgren and Jesper Petersson will be stepping down as Board members at the end of 2022. The coordinator thanked them for their excellent work. The new Board members nominated for the next mandate period 2023-2025 are José Luis Molinuevo, and Martin Hallbeck.

Angela Cenci Nilsson Coordinator of MultiPark

Augle Camilyson

Kajsa M Paulsson MultiPark Board member

Diana Jerman Meeting secretary

Delegated decisions, enclosure 2

Travel Grants

Applicant	Amount	Activity	Approved	Group	Date of
	(SEK)		by	affiliation	approval
Lautaro Belfiori	15 209	AD/PD 2022. Barcelona,	Angela Cenci	Maria	2022-01-14
		Spain, 15-20 March 2022	Nilsson	Swanberg	
Gemma	6 320	AD/PD 2022. Barcelona,	Angela Cenci	Oskar	2022-01-14
Salvadó		Spain, 15-20 March 2022	Nilsson	Hansson	
Divya Bali	12 152	Course: Biomarkers in	Angela Cenci	Oskar	2022-01-14
		Neurodegenerative Diseases,	Nilsson	Hansson	
		UCL, London, UK, 15-21 May			
Olavelia	24.270	2022	A 1 C :	0.1	2022 01 20
Claudia	21 378	AD/PD 2022. Barcelona,	Angela Cenci	Oskar	2022-01-28
Cicognola	44.000	Spain, 15-20 March 2022	Nilsson	Hansson	0000 04 00
Laura Torres	14 632	AD/PD 2022. Barcelona,	Angela Cenci	Gunnar	2022-01-28
Garcia		Spain, 15-20 March 2022	Nilsson	Gouras	
Agnes Paulus	3 224	AD/PD 2022. Barcelona,	Angela Cenci	Oxana	2022-01-28
		Spain, 15-20 March 2022	Nilsson	Klementieva	
Khazar Ahmadi	13 294	AD/PD 2022. Barcelona,	Angela Cenci	Oskar	2022-01-28
		Spain, 15-20 March 2022	Nilsson	Hansson	
Emelie	10 694	AD/PD 2022. Barcelona,	Angela Cenci	Oskar	2022-01-28
Andersson		Spain, 15-20 March 2022	Nilsson	Hansson	
Dovilė	13 000	AD/PD 2022. Barcelona,	Angela Cenci	Malin	2022-02-11
Pocevičiūtė		Spain, 15-20 March 2022	Nilsson	Wennström	
Roberta	17 732	AD/PD 2022. Barcelona,	Angela Cenci	Iben	2022-02-11
Battistella		Spain, 15-20 March 2022	Nilsson	Lundgaard	
Isabelle Glans	4 879	AD/PD 2022. Barcelona,	Angela Cenci	Sebastian	2022-02-11
		Spain, 15-20 March 2022	Nilsson	Palmqvist	
Radhika	17 942	AD/PD 2022. Barcelona,	Angela Cenci	Oxana	2022-02-11
Thakore		Spain, 15-20 March 2022	Nilsson	Klementieva	
Filip Bäckström	12 954	Synuclein meeting 2022,	Angela Cenci	Maria	2022-03-04
		Leuven, Belgium, 12-15 April	Nilsson	Swanberg	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0.1.0=0	2022			2000 00 01
Vivien Horvath	24 676	FENS Forum 2022 Paris,	Angela Cenci		2022-03-04
Khazar Ahmadi	5 204	France, 13-17 July 2022	Nilsson	Jakobsson	2022-03-11
Knazai Anmaui	5 204	International Society for Magnetic Resonance in	Angela Cenci Nilsson	Oskar Hansson	2022-03-11
		Medicine (ISMRM), London,	141133011	Tiansson	
		UK, 7-12 May 2022			
Nicholas Cullen	12 400	Course: Biomarkers in	Angela Cenci	Niklas	2022-03-11
		Neurodegenerative Diseases,	Nilsson	Mattsson-	
		UCL, London, UK, 15-21 May		Carlgren	
		2022			
Christina-	20 709	Neural Stem Cells: From basic	Angela Cenci	Daniella	2022-03-11
Anastasia		understanding to translational	Nilsson	Ottosson	
Stamouli		applications Workshop, Kyllini,			
		Greece on 5-9 June 2022		j	

Anita Adami	23 932	FENS Forum 2022, Paris,	Angela Cenci	Johan	2022-03-18
Allita Auailii	23 932	France, 9-13 July 2022	Nilsson	Jakobsson	2022-03-16
Ofelia Karlsson	23 560	FENS Forum 2022, Paris,	Angela Cenci	Johan	2022-03-18
Grona ranocon	20 000	France, 9-13 July 2022	Nilsson	Jakobsson	2022 00 10
Raquel Garza	24 060	FENS Forum 2022, Paris,	Angela Cenci	Johan	2022-03-18
1104001 00120		France, 9-13 July 2022	Nilsson	Jakobsson	
Efrain Cepeda-	16 120	Neural stem cells: from basic	Angela Cenci	Daniella	2022-04-01
Prado		understanding to translational	Nilsson	Ottosson	
		applications workshop, Kyllini,			
		Greece, 5-9 June 2022			
Jessica	24 959	ISSCR Annual Meeting 2022,	Angela Cenci	Malin Parmar	2022-04-08
Giacomoni		San Francisco, USA, 14-19	Nilsson		
		June 2022			
Ninoslav	15 004	FENS Forum 2022, Paris,	Angela Cenci	Johan	2022-04-08
Pandiloski		France, 9-13 July 2022	Nilsson	Jakobsson	
Andreas	24 028	ISSCR Annual Meeting 2022,	Angela Cenci	Daniella	2022-04-08
Bruzelius		San Francisco, USA, 14-19	Nilsson	Ottosson	
		June 2022			
Alison Salvador	23 560	ISSCR Annual Meeting 2022,	Angela Cenci	Agnete	2022-04-08
		San Francisco, USA, 14-19	Nilsson	Kirkeby	
		June 2022			
Alrik Schörling	23 560	ISSCR Annual Meeting 2022,	Angela Cenci	Agnete	2022-04-22
		San Francisco, USA, 14-19	Nilsson	Kirkeby	
		June 2022			
Yiyi Yang	25 000	Course: Single cell profiling	Angela Cenci	Tomas	2022-04-22
		and analysis in neuroscience,	Nilsson	Deierborg	
		Bordeaux, France, 13 June-1			
	05.000	July 2022	A I - Oi	Malia Damasa	0000 04 00
Edoardo Sozzi	25 000	ISSCR Annual Meeting 2022,	Angela Cenci	Malin Parmar	2022-04-22
		San Francisco, USA, 14-19	Nilsson		
Nagash	17 455	June 2022 8th Mediterranean	Angolo Consi	Iben	2022-04-22
Nagesh Shanbhag	17 455	Neuroscience Society (MNS)	Angela Cenci Nilsson	Lundgaard	2022-04-22
Silalibilay		Conference, Dubrovnik,	MIISSOIT	Lunuyaaru	
		Croatia, 29 May-2 June 2022			
Janko Kajtez	24 974	ISSCR Annual Meeting 2022,	Angela Cenci	Malin Parmar	2022-04-22
oanno ragioz	21011	San Francisco, USA, 14-19	Nilsson	Wallin Tannai	2022 01 22
		June 2022	141100011		
Alessandro	25 000	ISSCR Annual Meeting 2022,	Angela Cenci	Malin Parmar	2022-04-22
Fiorenzano	20 000	San Francisco, USA, 14-19	Nilsson	Widin F diffidi	2022 0 : 22
		June 2022			
Lluís Camprubí	11 349	FENS Forum 2022, Paris	Angela Cenci	Tomas	2022-05-13
Ferrer		France, 8-15 July 2022	Nilsson	Deierborg	
Nina Schultz	25 000	AAIC Conference, San Diego,	Angela Cenci	Oskar	2022-05-13
		USA, 30 July-4 August 2022	Nilsson	Hansson	
Jana Rajova	17 300	FENS Forum 2022, Paris	Angela Cenci	Tomas	2022-05-13
		France, 8-15 July 2022	Nilsson	Björklund	
Martino	17 000	FENS Forum 2022, Paris	Angela Cenci	Tomas	2022-05-13
Avallone		France, 8-15 July 2022	Nilsson	Björklund	
Morteza	13 000	FENS Forum 2022, Paris	Oskar	Angela Cenci	2022-05-13
Abbaszadeh		France, 8-15 July 2022	Hansson	Nilsson	
Nicholas Bechet	22 940	FENS Forum 2022, Paris	Angela Cenci	Iben	2022-05-24
		France, 8-13 July 2022	Nilsson	Lundgaard	

Marta Ramos	15 000	Gordon Research Conference in Molecular and Cellular Neurobiology, Ventura, USA, 23 July-8 August 2022	Angela Cenci Nilsson	lben Lundgaard	2022-05-25
Antoine Leuzy	19 406	Alzheimer's Association International Conference, San Diego, USA, 30 July - 4 August 2022.	Angela Cenci Nilsson	Oskar Hansson	2022-06-03
Lautaro Belfiori	7 896	Course Molecular Neurodegeneration and Therapeutic Approaches; Wellcome Genome Campus, Hinxton, Cambridgeshire, UK, 24-27 July 2022	Angela Cenci Nilsson	Maria Swanberg	2022-06-17
Jing Hu	17 600	International Symposium on Pathomechanisms of Amyloid Diseases, Catania, Italy, 25-27 August 2022	Angela Cenci Nilsson	Emma Sparr	2022-06-17
Sotirios Grigoriou	17 353	International Congress of Parkinson's Disease and Movement Disorders, Madrid, Spain, 14-19 Sept 2022	Angela Cenci Nilsson	Per Odin	2022-06-17
Sanaz Rasoly Gabery	18 067	EHDN 2022 Plenary Meeting, Bologna, Italy, 16-18 September 2022	Angela Cenci Nilsson	Åsa Petersén	2022-06-27
Max Lindberg	7 692	International Symposium on Pathomechanisms of Amyloid Diseases, Catania, Italy, 25-27 August 2022	Angela cenci Nilsson	Sara Linse	2022-06-27
Chang Li	3 100	International Congress of Parkinson's Disease and Movement Disorder, Madrid, Spain, 15-18 September 2022	Oskar Hansson	Angela Cenci Nilsson	2022-08-05
Dev Thacker	6 611	Amyloid Diseases and Amyloid Mechanisms (ADAM9) conference, Latvia, 14-16 November 2022	Angela Cenci Nilsson	Sara Linse	2022-08-12
Sofia Bergh	16 563	EHDN 2018 Plenary Meeting, Bologna, Italy, 13-18 September 2022	Angela Cenci Nilsson	Åsa Petersén	2022-08-12
Karin Skarping	18 475	EHDN 2022 Plenary Meeting, Bologna, Italy, 16-18 September 2022	Angela Cenci Nilsson	Åsa Petersén	2022-08-12
Andreas Carlsson	16 244	Leuven Protein Aggregation Meeting, Leuven, Belgium, 22- 25 September 2022	Angela Cenci Nilsson	Sara Linse	2022-08-12
Luis Quintino	19 050	European Society for Gen and Cell Therapy 2022 Meeting, Edinburgh, UK, 10-15 October 2022	Angela Cenci Nilsson	Cecilia Lundberg	2022-08-26
Emma Nyberg	25 000	Society of Neuroscience 2022 Meeting, San Diego, USA, 9- 17 November 2022	Angela Cenci Nilsson	Gunnar Gouras	2022-08-26

Megg Garcia	25 000	Society of Neuroscience 2022 Meeting, San Diego, USA, 9- 17 November 2022	Angela Cenci Nilsson	Tomas Deierborg	2022-08-26
Dovilė Pocevičiūtė	12 000	ISMND Conference, Athens, Greece on 9-13 October 2022	Angela Cenci Nilsson	Malin Wennström	2022-08-26
Cristina Nuñez- Diaz	13 512	ISMND Conference, Athens, Greece on 9-13 October 2022	Angela Cenci Nilsson	Malin Wennström	2022-08-26
Chandramouli Muralidharan	19 592	Introduction to Python - with application to bioinformatics Course, Umeå, Sweden, 10-14 October 2022	Angela Cenci Nilsson	Karolina Pircs	2022-09-02
Emil Axell	17 000	ADAM9 (Amyloid diseases and amyloid mechanisms) Conference, Latvia, 14-16 November 2022	Angela Cenci Nilsson	Sara Linse	2022-09-02
Kajsa Brolin	25 000	Society of Neuroscience 2022 Meeting, San Diego, USA, 9- 17 November 2022	Angela Cenci Nilsson	Maria Swanberg	2022-09-02
Elin Arvidsson	12 391	ESGCT Annual Congress, Edinburgh, UK, 10-15 October 2022	Angela Cenci Nilsson	Cecilia Lundberg	2022-09-02
Eske Christiane Gertje	25 000	CTAD Conference 2022, San Francisco, USA, 28 Nov – 4 Dec 2022	Angela Cenci Nilsson	Niklas Mattsson - Carlgren	2022-09-02
Luke Harper	4 588	ISFTD Conference, Lille, France, 2-5 November 2022	Angela Cenci Nilsson	Alexander Santillo	2022-09-09
Tomas Roos	12 500	Society of Neuroscience 2022 Meeting, San Diego, USA, 10- 18 November 2022	Angela Cenci Nilsson	Gunnar Gouras	2022-09-16
Fredrik Nilsson	20 000	Society of Neuroscience 2022 Meeting, San Diego, USA, 10- 18 November 2022	Angela Cenci Nilsson	Malin Parmar	2022-10-03
Max Lindberg	8 060	9th Scandinavian and Baltic Conference, Amyloid Diseases and Amyloid Mechanisms (ADAM 9), 13-17 November 2022, Latvia	Angela Cenci Nilsson	Sara Linse	2022-10-03
Gemma Salvado	13 680	Clinical Trials on Alzheimer's disease, San Francisco, USA, 28 Nov-2 Dec 2022	Angela Cenci Nilsson	Oskar Hansson	2022-10-03
Lei Ortigosa	16 455	2023 Annual Biophysical Society Meeting in San Diego, USA on 17-23 February 2023	Angela Cenci Nilsson	Sara Linse	2022-10-07

TOTAL: 1 103 891 SEK

Other Strategic Grants

Applicant	Amount	Kind of activity	Approved by	Date of
	(SEK)			approval
Daniella	59 892	Pharmacology in the 21st Century;	Angela Cenci	2022-05-20
Ottosson		Bringing cutting edge treatment	Nilsson	
		modalities to patients; Transforming the		
		future with novel therapeutics, 24-26		
		May 2023, Lund		
Andreas	50 000	Co-funding "Segerfalk Minisymposium",	Angela Cenci	2022-10-24
Heuer		Lund, 3 May 2023	Nilsson	

TOTAL: 109 892 SEK

Innovation Grants

Applicant	Amount	Kind of activity	Approved by	Date of
	(SEK)			approval
Lars	200 000	Pharmacology in the 21st Century;	MultiPark	2022-08-26
Grundemar		Bringing cutting edge treatment	innovation	
		modalities to patients; Transforming the	group	
		future with novel therapeutics, 24-26		
		May 2023, Lund		
Angela Cenci	200 000	"A method to verify the	MultiPark	2022-10-06
Nilsson		brain activity of drugs that stimulate the	innovation	
		Sigma-1 receptor"	group	

Total: 400 000 SEK

BUDGET 2023 BUDGET MULTIPARK **EMV OH 24%** Income 30 628 000 Rent subvention 644 233 Balance from previous year (estimated) 5 866 800 Income total 37 139 033 A - Management Coordinator salary "intrångsersättning" (35%) 641 774 Vice-oordinators salary "intrångsersättning" (15%) 404 305 Communications officer (50%) 481 719 Research administrator salary (100%) 843 905 481 719 Infrastructre manager (50%), (to be recruted) Remuneration EAB members 200 000 Management (meetings, computers) 100 000 Rent administration office (I1319a+25% B1109) 75 000 **BMC** service 456 738 3 685 160 Management Sum B - Education, Networking, Outreach Study Coordinator (10%) Tomas Deierborg 198 186 Graduate School seminars 30 000 MultiPark annual retreat 350 000 1 000 000 Travel grants Other strategic grants 200 000 Network enhancing actvities (Young MPs, Parkinson Skåne, PI-retreat) 800 000 Education, Networking, Outreach Sum 2 578 186 C - Positions: permanent Professor Salary; Experimental (72%) Gunnar Gouras 1 102 174 Professor Salary; Experimental (72%) Roger Olsson 1 118 832 Professor Salary, Neurology (70%) Per Odin 1 106 647 Professor salary, Health science (50%) Jan Lexell Lektor salary, Health science (70%) Mia H Nilsson 771 954 4 747 072 Positions Sum C - Positions: recruitment/career positions Biträdande lektor salary, Neuroimaging, (100%) Laura Wisse Start-up package, Biträdande lektor Neuroimaging 2 076 282 Positions Sum D - Jointly funded infrastructures and HR platforms Statistical cost (Region Skåne) 150 000 MSD platform, lab rent (C1113a 33%) 46 940 MDS platform, Service contract & computer upgrading 60 000 MDS platform, Service contract plate washer 37 200 294 140 Jointly funded Infrastructures and HR platforms Sum E - Strategic project support 500 000 Innovation grants (prel 2 project grants)

Translational pharmacology grants (prel 2 project grants)

Balance (i.e., total income minus total jointly funded costs)

Strategic project support Sum

Balance is divided between

Total jointly funded budget, Sum:

Experimental node (55% of the balance)

Clinical / Health science node (45% of the balance)

PRELIMINARY, correct amount will be known in January 2023

647 466 (gradual reduction: 43% 2023, and 36% in 2024)

1 076 282 through Nov 2023 1 000 000 through 2023

500 000

1 000 000

14 380 840

22 758 193

12 517 006

10 241 187

ALL SUMS INCLUDE OH (LU-EMV 2023 = 24%) except the Professor salaries for G Gouras, R Olsson, P Odin, J Lexell and lector salary M Nilsson, L

Experimental Infrastructure and HR platforms	12 517 006
FACS / Operetta	
Research Engineer Salary 100% (Anna Hammarberg), FACS, Operetta, Plate Runner	1 023 205
Service contract FACS	254 500
Rent Operetta, FACS, Azure Sapphire, Imaris, RE office (B1135a, B1133a, B1133b, B1155a)	446 147
Operetta workstation & server	82 000
FACS / Operetta Sum	1 805 852
Cell and Gene Therapy Core (CAGT) / LV & Bacterialab/ Next generation sequencing	
CAGT (previous AAV platform), Salary (RE 50%) Beata Lindqvist	461 013
Lenti & Bact platform, Salary (RE ca 50%) Marie Persson-Vejgården	437 492
Lenti & Bact platform, rent of lab (A1119)	70 655
Next Generation Sequencing, Salary research engineer (50%) Jenny G Johansson	457 813
Next Generation Sequencing, Rent of lab (B1113a)	127 600
Next generation sequencing, Bioinformatics salary (50%), Yogita Sharma	579 736
Cell and Gene Therapy Core (CAGT) / LV & Bacterialab/ Next generation sequencing, Sum	2 134 309
Advanced Microscopy Platforms	
Two-photon microscopy, expert salary (10%), Karsten Ruscher	153 000
Zeiss annual service for 2 systems, Aspect laser service, spare parts	526 500
Rent Confocal (A1054 (50%)), Multiphoton (C0972b & C0974a), Two-photon (F0936 (50%), F0937, F0938(50%)	349 500
Service contract A10 confocal microscope	200 000
Confocal & Live cell imaging, Salary support for PhD students & postdocs giving tutorials to new users	279 600
Image analysis platform	C
Advanced Microscopy Platforms Sum	1 508 600
In vivo core facility	
Rent A0955, A0954, A0938, A0931, A0932, A0934, A0958, C1042a, C1044a and personnel	984 627
100	
AI/ML knowledge base	220.000
20% coordinator salary (Pär Halje)	220 000
Small molecule screening platform	297 500
Small molecule screening platform	237 300
MP & StemTherapy joint electrophysiology core facility (rent F0936, F0938 (50%) & research engineer)	1 038 987
The distance of the control of the c	1 000 50.
In vivo brain circuit analysis platform	
30% platform manager salary (to be appointed)	350 000
Funds transferred from 2022 to 2023	
Brain circuit analysis (Inscopix system) (June 2022-May 2023 (1 år)	1 000 000
Task-force on Synchrotron-based molecular imaging (June 2022-May 2024 (2 år)	240 000
Total Experimental Science Sum	0.570.074
	9 579 874
Balance (Experimental)	2 937 13

Awaiting special care contract and quote for replacement of

ALL SUMS INCLUDE OH (LU-EMV 2023 = 24%)

Neurology Research Nurse salary, Neurology & Neurosuregry Clinic (220%) Study Coordinator salary, Neurology Clinic (50%) incl. translational cell therapy. Trinette van Vliet 408 0 Technical Medical Doctor salary, Neurology Clinic (80% junior MD, or lower % if more senior) 649 7 Neurology 2 838 3 Memory and Neurosurgery platform Research Nurse, salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (50%). Joanna Grzegorska 408 4 Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) 1 603 5 Research nurse for neurosurgery studies (25%) Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production 9 204 0 Neuroimaging Sum 9 897 6 Simoa platform Service contracts Simoa 1 36 0 Research engineer 50% Simoa platform. Pilar Lorenzo 9 496 0 Rent (C1113a 33%) 4 69 Simoa platform Sum 9 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 3 75 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support) 1 98 4			_
Research Nurse salary, Neurology & Neurosuregry Clinic (220%) Study Coordinator salary, Neurology Clinic (50%) incl. translational cell therapy. Trinette van Vliet 408 0 Technical Medical Doctor salary, Neurology Clinic (80% junior MD, or lower % if more senior) Neurology 2 838 3 Memory and Neurosurgery platform Research Nurse, salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (200%). Joanna Grzegorska Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) Research nurse for neurosurgery studies (25%) Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) 489 6 PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) 46 9 Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 3 75 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)	Clinical & Health Science Infrastructures and HR platforms	10 241 187	_
Research Nurse salary, Neurology & Neurosuregry Clinic (220%) Study Coordinator salary, Neurology Clinic (50%) incl. translational cell therapy. Trinette van Vliet 408 0 Technical Medical Doctor salary, Neurology Clinic (80% junior MD, or lower % if more senior) Neurology 2 838 3 Memory and Neurosurgery platform Research Nurse, salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (200%). Joanna Grzegorska Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) Research nurse for neurosurgery studies (25%) Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) 489 6 PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) 46 9 Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 3 75 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)	Neurology		
Study Coordinator salary, Neurology Clinic (50%) incl. translational cell therapy. Trinette van Vliet Technical Medical Doctor salary, Neurology Clinic (80% junior MD, or lower % if more senior) Neurology 2 838 3 Memory and Neurosurgery platform Research Nurse, salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (50%). Joanna Grzegorska Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) 1 603 5 Research nurse for neurosurgery studies (25%) Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production MRI pipeline Deuroimaging Sum 897 6 Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support) 1 98 4	• •	1 780 600	
Technical Medical Doctor salary, Neurology Clinic (80% junior MD, or lower % if more senior) Neurology 2 838 3 Memory and Neurosurgery platform Research Nurse, salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (50%). Joanna Grzegorska 408 4 Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) 1 603 5 Research nurse for neurosurgery studies (25%) Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production 204 0 Neuroimaging Sum 897 6 Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 3 375 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)		408 000	
Memory and Neurosurgery platform Research Nurse, salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (50%). Joanna Grzegorska 408 4 Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) Research nurse for neurosurgery studies (25%) Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum 897 6 Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo 496 0 Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)		649 740	
Research Nurse, salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (50%). Joanna Grzegorska 408 4 Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) 1 603 5 Research nurse for neurosurgery studies (25%) Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum 897 6 Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)	Neurology	2 838 340	
Research Nurse, salary, Memory Clinic (100%) Study Coordinator salary, Memory Clinic (50%). Joanna Grzegorska 408 4 Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) 1 603 5 Research nurse for neurosurgery studies (25%) Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum 897 6 Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)			_
Study Coordinator salary, Memory Clinic (50%). Joanna Grzegorska 408 4 Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) 1 603 5 Research nurse for neurosurgery studies (25%) 274 5 Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum 897 6 Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)			
Technical Medical Doctor salary, Memory Clinic (200% junior MD, or lower % if more senior) Research nurse for neurosurgery studies (25%) Memory Clinic Sum Support	, , , , ,	823 500	
Research nurse for neurosurgery studies (25%) Memory Clinic Sum 3 109 9 Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum 897 6 Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support) 198 4		408 400	
Memory Clinic Sum3 109 9Neuroimaging489 6Research assistant salary, Neuroimaging (physicist, 50%)489 6PET ligand development and production204 0MRI pipeline204 0Neuroimaging Sum897 6Simoa platform36 0Service contracts Simoa136 0Research engineer 50% Simoa platform. Pilar Lorenzo496 0Rent (C1113a 33%)46 9Simoa platform Sum678 9Bioinformatics; genetics (local person and/or fees to NBIS)375 0SweTRAP, Swedish Trial Ready Cohorts for early AD and PD1 306 8Rostock-Lund program (administrative support)198 4		1 603 500	
Neuroimaging Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum 897 6 Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) 46 9 Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 375 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)	Research nurse for neurosurgery studies (25%)	274 500	
Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)	Memory Clinic Sum	3 109 900	
Research assistant salary, Neuroimaging (physicist, 50%) PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)	Neuroimaging		_
PET ligand development and production MRI pipeline 204 0 Neuroimaging Sum 897 6 Simoa platform Service contracts Simoa Research engineer 50% Simoa platform. Pilar Lorenzo Rent (C1113a 33%) Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support)		489 600	_
MRI pipeline 204 0 Neuroimaging Sum 897 6 Simoa platform Service contracts Simoa 136 0 Research engineer 50% Simoa platform. Pilar Lorenzo 496 0 Rent (C1113a 33%) 46 9 Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 375 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1306 8 Rostock-Lund program (administrative support) 198 4		204 000	_
Neuroimaging Sum Simoa platform Service contracts Simoa 136 0 Research engineer 50% Simoa platform. Pilar Lorenzo 496 0 Rent (C1113a 33%) 46 9 Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 375 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1306 8 Rostock-Lund program (administrative support) 198 4		204 000	_
Service contracts Simoa 136 0 Research engineer 50% Simoa platform. Pilar Lorenzo 496 0 Rent (C1113a 33%) 46 9 Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 375 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support) 198 4	Neuroimaging Sum	897 600	
Service contracts Simoa 136 0 Research engineer 50% Simoa platform. Pilar Lorenzo 496 0 Rent (C1113a 33%) 46 9 Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 375 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support) 198 4	Simoa platform		-
Research engineer 50% Simoa platform. Pilar Lorenzo 496 0 Rent (C1113a 33%) 46 9 Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 375 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support) 198 4	•	136 000	_
Rent (C1113a 33%) 46 9 Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 375 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support) 198 4		496 000	
Simoa platform Sum 678 9 Bioinformatics; genetics (local person and/or fees to NBIS) 375 0 SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support) 198 4	·	46 940	
SweTRAP, Swedish Trial Ready Cohorts for early AD and PD 1 306 8 Rostock-Lund program (administrative support) 198 4	Simoa platform Sum	678 940	
Rostock-Lund program (administrative support) 198 4	Bioinformatics; genetics (local person and/or fees to NBIS)	375 000	
	SweTRAP, Swedish Trial Ready Cohorts for early AD and PD	1 306 880	1
NGS database 258 3	Rostock-Lund program (administrative support)	198 400	_
	NGS database	258 352	Carried over from 2022 (p
Total Clinical Science (UCS	Total Clinical Science/UCS	9 663 412	-
111 1 11 11 11 11 11 11 11 11 11 11 11	Total Clinical Science/HCS Balance (Clinical/HCS)	577 775	

ALL SUMS INCLUDE OH (LU-EMV 2023 = 24%)