

---

## The national board of Science for Life Laboratory

### Minutes from board meeting no 76, 11 February, 2025

#### Board meeting no 76, 11 February, 2025

##### Present members

Ylva Engström (SU, chair), Martin Bergö (KI), Lena Mäler (SU), Mats Larhed (UU, §1-§4, §6-§12), Jonas Larsson (LU), Carina Mallard (GU), Mikael Lindström (KTH, §1-§10), Katrine Riklund (UmU), Christoph Varenhorst (AstraZeneca)

##### Other participants

Gunilla Westergren-Thorsson (LU, §1-§4, §6-§12), Andreas Muranyi Scheutz (GMS, Region Stockholm, §1-§3c), Jan Ellenberg (Director), Mia Phillipson (Co-Director), Annika J Jensen (Infrastructure Director), Jenny Alfredsson (Head of Operations/OO), Sandra Falck (Vice Head of Operations/OO), Olli Kallioniemi (DDLs Director, §6-§7), Lars Johansson (OO, §1-§3e), Anna Lidin (OO, §1-§5), Disa Larsson Hammarlöf (OO, §5), Titti Ekegren (OO, secretary)

## 1. Meeting formalities

Ylva Engström welcomed all members and opened the meeting.

##### Decisions:

*The SciLifeLab board appointed Lena Mäler to approve the minutes of the meeting in addition to the chair.*

##### Notes:

Items, §3d and §5 will be immediately adjusted after the meeting.

Item §8 will be postponed until the next SciLifeLab board meeting.

The rectors of the founding universities have discussed renewed mandates for the SciLifeLab board members. The decision will be taken by the KTH board at their meeting on February 19, 2025.

*The SciLifeLab board approved the minutes from meeting no. 75, December 19, 2024*

*The SciLifeLab board approved the agenda.*

## **2. Information from Director**

Jan Ellenberg provided an update on the ongoing work related to the strategic areas identified from the IEC evaluation, emphasizing the vision to move from independent individual platforms to a more integrated, data-centric SciLifeLab structure.

A whole day kick-off meeting for the Integrated Data Service is scheduled for February 20, bringing together representatives from all data-producing platforms, the SciLifeLab Data Centre, and the Bioinformatics platform.

A brief overview of the SciLifeLab Q4-2024 update was presented, and the full, detailed presentation will be distributed to the board members.

### **2a. Update on mandate to oversee the organization**

The SciLifeLab Director gave an update on his mandate of reviewing of SciLifeLab's governance and operations. Discussions with various parts of the organization are ongoing to explore ways to improve efficiency, reflect the increasingly national nature of SciLifeLab, clearly assign strategic and operational tasks and prevent divisions within the organization.

A comprehensive report will be presented to the board at a future meeting.

## **3. Financial update**

A report of SciLifeLab's funding sources and the year-end national surplus at KTH and UU was presented, along with the timeline for financial decisions regarding the increased national funding for SciLifeLab in 2025.

The additional 90 MSEK in national funding for 2025, as outlined in the Research and Innovation Bill, is expected to be announced in the spring budget revision (vårändringsbudgeten) in April or May and any decisions regarding the allocation of these funds will be made thereafter.

KAW has now confirmed that the previously approved PH1 surplus in the DDLS program can be in used, reported and requisitioned in PH2 according to the PH2 conditions.

The project to procure a Grant Management System, which will include a reporting portal and tools for financial tracking has now reached the final selection and contract signing stage. Implementation is expected during the autumn of 2025.

### **3a. Infrastructure budget 2025**

A presentation was given on the distribution of base-funding to the infrastructure platforms and units, based on the 2024 funding level with an index-linked increase and the utilization of part of SciLifeLab's surplus at KTH. In addition to the base-funding, funding to the platforms for the new Integrated Data Services, IDS, is also part of the budget to be decided in 3e (Appendix 3e). Additional funding to the platforms and units, based on the IEC report will be allocated and decided once the 90 MSEK has been released later in 2025.

### **3b. Prolongation of capability leads and coordinator for Planetary Biology** VC-2024-0032

Leads for the capabilities were assigned or prolonged by the board at meetings no. 59 and no. 64 for a period until December 31, 2024.

A prolongation of the assignment for both the scientific leads and the coordinator for the Planetary Biology capability at their requested effort levels was suggested.

#### Decision:

*The SciLifeLab board decided to assign Olga Vinnere Pettersson (UU) and Stefan Bertilsson (SLU) as scientific leads, 75% and 25% effort respectively and assign Anabella Aguilera (LU) as coordinator, 50% effort for the Planetary Biology Capability from January 1, 2025 until December 31, 2025.*

### **3c. Prolongation of capability leads and coordinator for Pandemic Laboratory Preparedness** VC-2024-0032

Leads for the capabilities were assigned or prolonged by the board at meetings no. 59 and no. 64 for a period until December 31, 2024.

A prolongation of the assignment for both the scientific leads and the coordinator for the Pandemic Laboratory Preparedness capability at their requested effort levels was suggested.

Decision:

*The SciLifeLab board decided to assign Ulf Ribacke (UU) and Staffan Svärd (UU) as scientific leads, 50% and 25% effort respectively and assign Alice Sollazzo (UU) as coordinator, 50% effort for the Pandemic Laboratory Preparedness capability from January 1, 2025 until December 31, 2025.*

**3d. SciLifeLab budget 2025**

VC-2024-0085

Presentation of a detailed SciLifeLab budget for 2025 based on the basic funding for the national SciLifeLab infrastructure, maintaining the 2024 funding level with an index-linked increase.

A detailed distribution of funding to sites and Universities will be presented on the next SciLifeLab board meeting.

Decision:

*The SciLifeLab board approved the SciLifeLab budget for 2025 according to Appendix A and B.*

Appendices

A. SciLifeLab budget 2025

B. Pandemic Laboratory Preparedness budget 2025

The SciLifeLab board approved this item to be immediately adjusted.

**3e. Distribution of LÄK funding to Drug Discovery and Development, DDD, units 2025**

VC-2024-0085

Presentation of the distribution of the total LÄK funding to the Drug Discovery and Development platform units.

Decision:

*The SciLifeLab Board approved the suggested distribution of LÄK funding to DDD units 2025 according to Appendix A*

## Appendices

## A. Distribution of LÄK funding to DDD units 2025

**4. SciLifeLab annual report**

HS-2025-0330

The SciLifeLab annual report is a key document that outlines the activities and progress of SciLifeLab over the past year, fulfilling the government's requirement to account for the funding received.

Once approved by the SciLifeLab board, the report is formally approved by the KTH board as part of KTH's own annual report to the government.

Decision:

*The SciLifeLab board approved the annual report for SciLifeLab 2024 to be presented to the KTH board for final approval.*

**5. SciLifeLab Group Leader nominations**

HS-2025-0353

Mats Larhed and Gunilla Westergren-Thorsson report Conflict of Interest as they are nominated as SciLifeLab Group Leaders and left the meeting for this item.

Presentation of the SciLifeLab Group Leaders nominations process and outcome. In total, 273 nominations were received and 248 of the 273 nominations were prioritised. The prioritised nominations were individually reviewed by the SciLifeLab Management Group and Site Directors and jointly discussed at the evaluation meeting on January 17, 2025. 213 nominations were suggested for approval.

Decision:

*The SciLifeLab Board approved the 213 SciLifeLab Group Leader nominations from the 2024 call.*

## Appendices

## A. Prioritised SciLifeLab Group Leader nominations (suggested to be approved)

## B. SciLifeLab Group Leaders approved per default

The SciLifeLab board approved this item to be immediately adjusted.

## **6. Update from DDLS director**

DDLS director, Olli Kallioniemi gave an update from the DDLS program.

### **6a. DDLS research school call for academic PhD projects**

VC-2024-0065

The number and statistics of applications submitted in the DDLS research school call for academic PhD projects, along with an overview of the evaluation process, was presented.

Out of 167 applications, a total of 19 projects were suggested for funding (6a. appendix A).

*Decision:*

*The SciLifeLab board approved the suggested DDLS Research School academic PhD projects to be funded (6a. appendix A).*

### **6b. DDLS research school call for industrial PhD projects**

VC-2024-0066

The number and statistics of applications submitted in the DDLS research school call for industrial PhD projects, along with an overview of the evaluation process was presented.

Out of 20 applications, a total of 7 projects were suggested for funding (6b. Appendix A).

*Decision:*

*The SciLifeLab board approved the suggested DDLS Research School industrial PhD projects to be funded (6b. Appendix A).*

### **6c. DDLS/WASP-HS research initiation grants**

VC-2024-0035

The outline, evaluation criteria and review process for the DDLS/WASP-HS research initiation grants call was presented. Out of 26 applications, 3 projects were suggested for funding (6c. appendix A).

*Decision:*

*The SciLifeLab board approved to fund the suggested projects (6c. appendix A).*

## **7. Director's decisions 2024**

Ylva Engström informed about decisions made during 2024 by the SciLifeLab director and co-director, the DDLS director and the SciLifeLab Head of Operations.

### **7a. SciLifeLab director/co-director decisions 2024**

*Decision:*

*The SciLifeLab board noted the information to the minutes.*

### **7b. DDLS director decisions 2024**

The DDLS Director's responsibilities include making decisions on matters related to the operations of the DDLS program, within the framework of the budget approved by the SciLifeLab board.

*Decision:*

*The SciLifeLab board noted the information to the minutes.*

### **7c. SciLifeLab Head of Operations decisions**

The SciLifeLab Head of Operations are mandated to make decisions on matters related to the operations of the DDLS program if less than 200 000 SEK of KAW funding is requested and after consultation with the DDLS program office.

*Decision:*

*The SciLifeLab board noted the information to the minutes.*

## **8. DDLS directorship**

HS-2025-0354

The process of appointing a Director for the SciLifeLab and Wallenberg Program for Data Driven Life Science, starting on July 1, 2025, has been initiated.

The discussion and a decision on this matter will be postponed until the next board meeting.

**9. National SciLifeLab Committee member nomination**

HS-2025-0354

Anders Fridberger, from Linköping University, has requested to resign from his position as a member of the National SciLifeLab Committee. The nominated replacement from Linköping University, Martin Hallbeck has expressed a positive interest in taking on the role.

*Decision:*

*The SciLifeLab board approved Martin Hallbeck to replace Anders Fridberger as a member of the National SciLifeLab Committee (mandate period until June 30, 2026).*

**10. DDD Steering Group member nomination**

VC-2024-0064

Lars Grundemar, Lund University, has requested to resign from the DDD (Drug Discovery and Development) platform steering group. The DDD management suggests that Rolf Karlsten, Uppsala University, is approved as a new member of the DDD platform steering group.

*Decision:*

*The SciLifeLab board approved Rolf Karlsten as member of the DDD platform steering group (mandate period until December 31, 2026).*

**11. Update about Beta-building project decision**

The final report from White architects and the suggestions to rent the Beta-building for the expansion of SciLifeLab was discussed at the SciLifeLab Rectors' council on February 4. All four rectors were in favour of moving forward with renting the Beta-building and a joint agreement were taken by the four rectors at the SciLifeLab Rectors' council. This decision will be followed by the KTH rector signing the final formal lease agreement with Akademiska Hus, as the legal host of SciLifeLab, once the negotiations are finalised.

**12. Closure of the meeting**Other item:

Discussion about the call for new SFO's presented in the Research and Innovation Bill and the role SciLifeLab might take in the application process.



Ylva Engström thanked the participants and closed the meeting.

---

### Upcoming meetings

- April 2, 10:00-12:00 (zoom)
- May 21, 10:00-17:00 (on-site Uppsala)
- Sep 17, 08:30-12:00 (zoom)
- October 15, 10:00-12:00 (zoom)
- November 19, 10:00-17:00 (on-site Campus Solna)
- December 17, 10:00-12:00(zoom)

---

Titti Ekegren, secretary

Minutes approved by:

---

Ylva Engström

---

Lena Mäler

## SciLifeLab Budget 2025 (kSEK)

	2024	2025	Tentative Extra July 1–Dec 31, 2025*	Tentative 2026**
<b>INFRASTRUCTURE</b>				
<b>Genomics</b>	<b>57 958</b>	<b>57 958</b>	<b>1 521</b>	<b>61 000</b>
Ancient DNA	3 105	3 105	948	5 000
National Genomics Infrastructure (NGI)	52 303	43 303	348	44 000
NGI; Single Cell National Network	1 000			
Platform Director	150	150		150
Platform Coordination Officer	200	200		200
Strategic Platform budget	1 200	1 200	225	1 650
NGI; IDS 10 MSEK existing funds		10 000		10 000
<b>Clinical Genomics</b>	<b>16 345</b>	<b>18 345</b>	<b>557</b>	<b>18 784</b>
Clinical Genomics Gothenburg	2 174	2 174	163	2 500
Clinical Genomics Linköping	828	828		828
Clinical Genomics Lund	2 174	2 174	163	2 500
Clinical Genomics Stockholm	5 175	5 175		4 500
Clinical Genomics Umeå	828	828		828
Clinical Genomics Uppsala	2 588	2 588	106	2 800
Clinical Genomics Örebro	828	828		828
Platform Director	150	150		150
Platform Coordination Officer	200	200		200
Strategic Platform budget	1 400	1 400	125	1 650
IDS, new funds		2 000		2 000
<b>Proteomics</b>	<b>16 223</b>	<b>18 223</b>	<b>3 889</b>	<b>26 000</b>
Affinity Proteomics	6 210	6 210	2 144	13 500
Autoimmunity and Serology Profiling	3 002	3 002		
Global Proteomics and Proteogenomics	3 623	3 623	439	4 500
Glycoproteomics and MS Proteomics	2 588	2 588	456	3 500
Clinical Mass Spectrometry Facility Lund (new Unit from 2025-07-01)			500	1 000
Platform Director	150	150		150
Platform Coordination Officer	200	200		200
Strategic Platform budget	450	450	350	1 150
IDS, new funds		2 000		2 000
<b>Metabolomics and Exposomics</b>	<b>7 846</b>	<b>9 846</b>	<b>1 077</b>	<b>12 000</b>
Chalmers Mass Spectrometry Infrastructure	2 174	2 174	413	3 000
Exposomics	2 588	2 588	258	3 000
Swedish Metabolomics Centre	2 484	2 484	206	3 000
Platform Director	150	150		150
Platform Coordination Officer	200	200		200
Strategic Platform budget	250	250	200	650
IDS, new funds		2 000		2 000
<b>Spatial Biology</b>	<b>12 101</b>	<b>14 101</b>	<b>2 200</b>	<b>18 500</b>
In Situ Sequencing	3 105	3 105	698	4 500
Spatial Mass Spectrometry	2 588	2 588	456	3 500
Spatial Proteomics	4 658	4 658	421	5 500
Platform Director	150	150		150
Platform Coordination Officer	200	200		200
Strategic Platform budget	1 400	1 400	625	2 650
IDS, new funds		2 000		2 000
<b>Cellular and Molecular Imaging</b>	<b>20 531</b>	<b>22 531</b>	<b>3 185</b>	<b>28 900</b>
Cryo-EM	11 903	11 903	1 549	15 000
Integrated Microscopy Technologies	6 728	6 728	886	8 500
NanoSIMS (new Unit from 2025-07-01)			750	1 500
Platform Director	150	150		150
Platform Coordination Officer	200	200		200
Strategic Platform budget	1 550	1 550		1 550
IDS, new funds		2 000		2 000
<b>Integrated Structural Biology</b>	<b>7 949</b>	<b>9 949</b>	<b>1 026</b>	<b>12 000</b>
Structural Proteomics	2 588	2 588	456	3 500
Swedish NMR Centre	4 761	4 761	370	5 500
Platform Director	150	150		150

Platform Coordination Officer	200	200		200
Strategic Platform budget	250	250	200	650
IDS, new funds		2 000		2 000
<b>Chemical Biology and Genome Engineering</b>	<b>12 910</b>	<b>14 910</b>	<b>2 545</b>	<b>20 000</b>
Chemical Biology Consortium Sweden	6 210	6 210	1 395	9 000
Chemical Proteomics	2 588	2 588	456	3 500
CRISPR Functional Genomics	3 312	3 312	594	4 500
Platform Director	150	150		150
Platform Coordination Officer	200	200		200
Strategic Platform budget	450	450	100	650
IDS, new funds		2 000		2 000
<b>Bioinformatics</b>	<b>29 760</b>	<b>35 000</b>	<b>0</b>	<b>35 000</b>
<i>To be distributed to units AIDA, BIIF, SCoRE, SIT</i>		21 000		21 000
AIDA Data Hub	2 070			
BioImage Informatics	3 726			
Support, Infrastructure and Training/Support for Computational Resources	21 114			
Strategic Platform budget	2 500			
IDS 8,76 MSEK existing funds		8 760		14 000
IDS, new funds		5 240		
<b>Sum</b>	<b>181 623</b>	<b>200 863</b>	<b>16 000</b>	<b>232 184</b>

\* Tentative board decision in May/June 2025

\*\* Tentative board decision in November 2025

	2024	2025
<b>INFRASTRUCTURE</b>		
<b>Infrastructure</b>	181 623	200 863
<b>National site Gothenburg</b>	1 000	1 000
<b>National site Lund</b>	1 000	1 000
<b>National site Umeå</b>	1 000	1 000
<b>National site Linköping</b>	1 000	1 000
<b>Drug Discovery and Development (incl new modality)</b>	59 224	58 784
<b>OligoNova</b>	4 000	4 000
<b>SCILIFELAB INITIATIVES</b>		
<b>Precision Medicine Capability inkl. TEF</b>	5 650	725
<b>Planetary Biology Capability</b>	3 150	650
<b>Infrastructure Expensive Instruments</b>	22 595	13 429
<b>Training hub</b>	2 863	2 650
<b>Data Centre</b>	10 800	9 000
IDS, new funds		5 000
<b>NATIONAL OPERATING COSTS</b>		
<b>National Operating Costs</b>	63 644	68 844
<b>Total costs</b>	<b>357 548</b>	<b>367 945</b>
<i>Funding NAT</i>	287 252	297 171
<i>Funding LÄK</i>	59 061	61 086
<i>Surplus initiative NAT</i>	8 000	9 688
<i>Surplus initiative LÄK</i>	1 800	
<b>Sum</b>	<b>-1 435</b>	<b>0</b>

# Pandemic Laboratory Preparedness Budget 2025

**2025**

<b>PANDEMIC LABORATORY PREPAREDNESS (PLP)</b>	
<b>Scientific Lead-</b> Dr. Ulf Ribacke, 50%	800
<b>Scientific Lead-</b> Prof. Staffan Svärd, 25%	500
<b>Coordination-</b> Dr. Alice Sollazzo , 50%	600
<b>Total costs</b>	<b>1 900</b>
<i>Funding PLP</i>	32 579
<i>Left to allocate</i>	30 679

Distribution of LÄK funding to DDD units 2025

Drug Discovery and Development	GU	KI	KTH	LU	SU	UU	LÄK funding to units+new modality
ADME						5 690 430	5 690 430
Biochemical and Cellular Assays					4 017 339		4 017 339
Biophysical Screening and Characterization						4 006 433	4 006 433
Display & Selection				5 732 127			5 732 127
Medicinal Chemistry-Hit2Lead					8 447 259		8 447 259
Medicinal Chemistry-Lead Identification						5 684 649	5 684 649
Theapeutic Protein Engineering			6 013 551				6 013 551
Target Product Profiling & Drug Safety Assessment			3 448 259				3 448 259
Target Product Profiling & Drug Safety Assessment		4 185 280					4 185 280
Target Product Profiling & Drug Safety Assessment					3 603 000		3 603 000
Target Product Profiling & Drug Safety Assessment						7 799 161	7 799 161
OligoNova Biology	156 512						156 512
Sum	156 512	4 185 280	9 461 810	5 732 127	16 067 598	23 180 673	58 784 000

## Prioritised SciLifeLab Group Leader nominations 2025

Nomination	Affiliation
Adam Ameer	UU
Adil Mardinoglu	KTH
Adnane Achour	KI
Aman Russom	KTH
Ana Luis	GU
Anders Andersson	KTH
Anders Ståhlberg	GU
Andras Gorzsas	UmU
André Mateus	UmU
Andreas Puschmann	LU
Andrei Chagin	GU
Anna Herland	KTH
Anna Falk	LU
Anna Hagström	LU
Anna I G Dimberg	UU
Anna Månberg	KTH
Anna Székely	SLU
Anna Winkvist	GU
Annika Jenmalm Jensen	KI
Aris Moustakas	UU
Arne Elofsson	SU
Bengt Hansson	LU
Bennie B L G Lemmens	KI
Berk Hess	KTH
Björn Önfelt	KTH
Björn Burmann	GU
Björn Wallner	LiU
Brinton Seashore-Ludlow	KI
Burcu Ayoglu	KTH
Carl Nettelblad	UU
Carl-Henrik Heldin	UU
Carolina Wahlby	UU
Carsten Daub	KI
Cecilia Williams	KTH
Cheng Zhang	KTH
Chris Wheat	SU
Christel Bergström	UU
Christos Samakovlis	SU
Claes Lundström	LiU
Claudia Kutter	KI
Claudio Cantù	LiU
Courtney Stairs	LU
Daniel Bojar	GU
Daniel Globisch	UU
David Diez del Molino	SU
David Drew	SU
David Gisselsson Nord	LU
Davide Angeletti	GU
Derek T Logan	LU
Dominic Wright	LiU
Eduard J Kerkhoven	Chalmers
Elin Chorell	UmU
Elisabet Carlsohn	GU
Emma Lundberg	KTH
Erik Fransén	KTH
Erik Chorell	UmU
Erik Lindahl	SU
Eva Tiensuu Janson	UU
Filipe Pereira	LU
Fredrik Elinder	LiU
Fredrik Levander	LU
Gemma Atkinson	LU
Georgios Sotiriou	SU
Gerhard Gröbner	UmU
Giovanni Volpe	GU
Gunilla Westergren-Thorsson	LU
Gunnar von Heijne	SU
Gustav Smith	GU
Hanna MG Barriga	KTH
Heiner Linke	LU
Helena Danielson	UU
Henrik Green	LiU

Nomination	Affiliation
Hjalmar Brismar	KTH
Hossein Azizpour	KTH
Håkan Jönsson	KTH
Ian Hoffecker	KTH
Ida-Maria Sintorn	UU
Ilaria Piazza	SU
Ilaria Testa	KTH
Jacob Höglund	UU
Jacob Odeberg	KTH
Jan Dumanski	UU
Jan Ellenberg	KI / SU / KTH
Janne Lehtio	KI
Jeanette Kotaleski	KTH
Jenny Hallgren Martinsson	UU
Jens Carlsson	UU
Jens Lagergren	KTH
Jessica Lindvall	SU
Jessica Nordlund	UU
Jiri Bartek	KI
Joakim Lindblad	UU
Joakim Lundeberg	KTH
Joan Camunas Soler	GU
Jochen Schwenk	KTH
Joel Kullberg	UU
Johan Ankarklev	SU
Johan Elf	UU
Johan Henriksson	UmU
Johan Malmström	LU
Jonathan Martin	SU
Kalle von Feilitzen	KTH
Karin Forsberg Nilsson	UU
Karin Lindkvist	LU
Kasper Karlsson	KI
Katja Rehn Petzold	UU
Kemal Avican	UmU
Kerstin Lindblad-Toh	UU
Kevin Smith	KTH
Kristian Pietras	LU
Kristina Jonas	SU
Lars Forsberg	UU
Lars Westberg	GU
Lars-Anders Carlson	UmU
Leif Andersson	UU
Lena Eliasson	LU
Linda Johansson	GU
Linda Sandblad	UmU
Lionel Guy	UU
Lisa Klasson	UU
Lotta J. Happonen	LU
Lucie Delemotte	KTH
Lukas Käll	KTH
Lukas Orre	KI
Lynn Butler	KI
Magda Bienko	KI
Magnus Essand	UU
Maliheh Mehrshad	SLU
Marc Friedländer	SU
Marco Marcia	UU
Maria Lerm	LiU
Maria Tenje	UU
Marie Skepö	LU
Marika Nestor	UU
Martin Viklund	KTH
Matej Oresic	ÖrU
Mathias Uhlen	KTH
Mats Larhed	UU
Mats Ohlin	LU
Matthew T Webster	UU
Mattias Ekstedt	LiU
Mattias Forsell	UmU
Mia Phillipson	UU
Mikael Sellin	UU

Nomination	Affiliation
Nasim Sabouri	UmU
Nataša Sladoje	UU
Nathaniel Street	UmU
Niklas Arnberg	UmU
Nils Landegren	UU
Nina Ottosson	LiU
Ola Larsson	KI
Ola Spjuth	UU
Ola Söderberg	UU
Olli Kallioniemi	KI
Olof Emanuelsson	KTH
Olof Eriksson	UU
Olov Andersson	UU
Oscar Fernandez-Capetillo	KI
Oskar Karlsson	SU
Patrik Medstrand	LU
Patrik Ståhl	KTH
Paul Hudson	KTH
Paul O'Callaghan	UU
Peetra U Magnusson	UU
Pelin Sahlén	KTH
Per Andrén	UU
Per Hammarström	LiU
Per Ljungdahl	SU
Per-Olof Syrnén	KTH
Peter Bergsten	UU
Peter Nilsson	KTH
Peter Savolainen	KTH
Peter Söderkvist	LiU
Petter Dyverfeldt	LiU
Pontus Nordenfelt	LU
Päivi Östling	KI
Pär Matsson	GU
Rene Kaden	UU
Richard Lundmark	UmU
Sandra Jämtgård	SLU, Umeå
Sara Ek	LU
Sara Hallin	SLU
Sara Mangsbo	UU
Sean Rudd	KI
Sebastian Deindl	UU
Sebastian Westenhoff	UU
Simon Elsässer	KI
Siv Andersson	UU
Sophia Hober	KTH
Staffan Svärd	UU
Stefan Bertilsson	SLU
Stefan Engblom	UU
Stefan Enroth	UU
Stefania Giacomello	KTH
Tanja Slotte	SU
Thomas Helleday	KI
Thomas Juan	UU
Tino Ebbers	LiU
Tobias Krojer	LU
Tobias Sjöblom	UU
Tom Erkers	KI
Torsten Günther	UU
Tove Fall	UU
Tuulia Hyötyläinen	ÖrU
Ulf Landegren	UU
Urban Friberg	LiU
Vasili Hauryliuk	LU
Vicent Pelechano	KI
Vladislav Orekhov	GU
Wolfgang Knecht	LU
Xiaonan zhang	UU
Yaowen Wu	UmU
Åsa Johansson	UU

**SciLifeLab Group Leaders approved by default**

<b>Name</b>	<b>Role</b>	<b>University</b>
Dag Ahrén	Head of Unit	LU
Dimitrios Bampalikis	Head of Unit	SU
Pawel Baranczewski	Head of Unit	UU
Stina Berglund Fick	Head of Unit	UmU
Hans Blom	Head of Unit	KTH
Marta Carroni	Head of Unit	SU
Marcela Davila	Head of Unit	GU
Simon Ekström	Head of Unit	LU
Pär Engström	Head of Unit	SU
Julia Fernandez-Rodriguez	Head of Unit	GU
Claudia Fredolini	Head of Unit	KTH
Massimiliano Gaetani	Head of Unit	KI
Ylva Gravenfors	Head of Unit	SU
Anna-Lena Gustavsson	Head of Unit	KI
Joel Hedlund	Head of Unit	LiU
Markus Heidenblad	Head of Unit	LU
Susanne Hellstedt Kerje	Head of Unit	UU
Sara Henriksson	Head of Unit	UmU
Niclas Jareborg	Head of Unit	SU
Anna Johansson	Head of Unit	UU
Annika Johansson	Head of Unit	UmU
Henrik Johansson	Head of Unit	KI
Anna Klemm	Head of Unit	UU
Linda Köhn	Head of Unit	UmU
Elin Kronander	Head of Unit	UU
Henrik Lantz	Head of Unit	UU
Ulrika Liljedahl	Head of Unit	UU
Marcus Lundberg	Head of Unit	UU
Bo Lundgren	Head of Unit	SU
Magnus Lundgren	Head of Unit	UU
Anna Lyander	Head of Unit	KI
Malgorzata Lysiak	Head of Unit	LiU
Robert Månsson Welinder	Head of Unit	KI
Mikael Mattsson	Head of Unit	LU
Malin Melin	Head of Unit	UU
Anja Mezger	Head of Unit	KTH, SU, KI
Anna Nlisson	Head of Unit	UU
Björn Nystedt	Head of Unit	UU
Dmitri Ossipov	Head of Unit	GU
Stefano Papazian	Head of Unit	SU
Cecilia Persson	Head of Unit	GU
Annette Roos	Head of Unit	UU
Mario Ruiz Garcia	Head of Unit	GU
Sara Sandin	Head of Unit	UmU
Otto Savolainen	Head of Unit	Chalmers
Bernhard Schmierer	Head of Unit	KI
Bengt Sennblad	Head of Unit	UU

Name	Role	University
Ellen Sherwood	Head of Unit	KTH, SU, KI
Carina Sihlbom Wallem	Head of Unit	GU
Ronald Sjöberg	Head of Unit	KTH
Lucile Soler	Head of Unit	UU
Tobias Sparrman	Head of Unit	UmU
Charlotte Stadler	Head of Unit	KTH
Bianca Stenmark	Head of Unit	ÖRU
Henrik Stranneheim	Head of Unit	KI
Thomas Svensson	Head of Unit	Chalmers
Katarina Tiklova	Head of Unit	SU
Valtteri Wirta	Head of Unit	KI, KTH
Esmeralda Woestenenk	Head of Unit	KTH
Ulrika Yngve	Head of Unit	UU
Chika Yokota	Head of Unit	SU
Mikael Åberg	Head of Unit	UU
Lucia Cavelier	Platform Co-Director	KI
Lars Feuk	Platform Co-Director	UU
Claudia Fredolini	Platform Co-Director	KTH
Rikard Landberg	Platform Co-Director	Chalmers
Malin Melin	Platform Co-Director	UU
Björn Nystedt	Platform Co-Director	UU
Kristian Sandberg	Platform Co-Director	UU
Bernhard Schmierer	Platform Co-Director	KI
Charlotte Stadler	Platform Co-Director	KTH
Per Arvidsson	Platform Director	KI
Marta Carroni	Platform Director	SU
Thoas Fioretos	Platform Director	LU
Anna-Lena Gustavsson	Platform Director	KI
Masood Kamali-Moghaddam	Platform Director	UU
Göran Karlsson	Platform Director	GU
Tuuli Lappalainen	Platform Director	KTH
Mats Nilsson	Platform Director	SU
Bengt Persson	Platform Director	UU/KI
Johan Trygg	Platform Director	UmU
Colum Walsh	Platform Director	LiU
Lars Behrendt	SciLifeLab Fellow	UU
Erik Benson	SciLifeLab Fellow	KI
Gustaf Christoffersson	SciLifeLab Fellow	UU
Camilla Engblom	SciLifeLab Fellow	KI
Daniel Espes	SciLifeLab Fellow	UU
Daniel Fürth	SciLifeLab Fellow	UU
Jean Hausser	SciLifeLab Fellow	KI
Yumeng Mao	SciLifeLab Fellow	UU
Emil Marklund	SciLifeLab Fellow	SU
Wojciech Michno	SciLifeLab Fellow	UU
Pascal Milesi	SciLifeLab Fellow	UU
Gisele Miranda	SciLifeLab Fellow	KTH
Gabriela Montejo-Kovacevich	SciLifeLab Fellow	UU



Name	Role	University
William Nyberg	SciLifeLab Fellow	KI
Iskra Pollak Dorocic	SciLifeLab Fellow	SU
Kristoffer Sahlin	SciLifeLab Fellow	SU
Patrick Sandoz	SciLifeLab Fellow	UU
Erdinc Sezgin	SciLifeLab Fellow	KI
Prashant Singh	SciLifeLab Fellow	UU
Mafalda Sousa Ferreira	SciLifeLab Fellow	SU
Stefanos Stagkourakis	SciLifeLab Fellow	KI
Sanja Vickovic	SciLifeLab Fellow	UU
Anniina Vihervaara	SciLifeLab Fellow	KTH
Ruisheng Xiong	SciLifeLab Fellow	UU
Tobias Andermann	DDLS fellow	UU
Muhammad Arif	DDLS fellow	GU
Johan Bengsson-Palme	DDLS fellow	Chalmers
Patrick Bryant	DDLS fellow	SU
Laura Carroll	DDLS fellow	UmU
José Cerca	DDLS fellow	NRM
Camila Consiglio	DDLS fellow	LU
Milka Doktorova	DDLS fellow	SU
Chinmay Dwibedi	DDLS fellow	UmU
Fredrik Edfors	DDLS fellow	KTH
Cemal Erdem	DDLS fellow	UmU
Björn Forsberg	DDLS fellow	LiU
Andrea Fossati	DDLS fellow	KI
Juliette Griffie	DDLS fellow	SU
Jennifer James	DDLS fellow	UU
Kimmo Kartasalo	DDLS fellow	KI
Antonio Lentini	DDLS fellow	LiU
Arian Lundberg	DDLS fellow	KTH
Andreas Lutzens	DDLS fellow	KI
Lisandro Milocco	DDLS fellow	SU
Avlant Nilsson	DDLS fellow	KI
Abhishek Niroula	DDLS fellow	GU
Wei Ouyang	DDLS fellow	KTH
Nicholas Pearce	DDLS fellow	LiU
Mariana Pires Braga	DDLS fellow	SLU
Kelly Swarts	DDLS fellow	SLU
Golnaz Taheri	DDLS fellow	KTH
Marcel Tarbier	DDLS fellow	UU
Kaisa Thorell	DDLS fellow	GU
Tom van der Valk	DDLS fellow	NRM
Jakob Vogel	DDLS fellow	LU
Astrid von Mentzer	DDLS fellow	GU
Luisa W. Hugerth	DDLS fellow	UU
Qiaoli Wang	DDLS fellow	LU
Clemens Wittenbecher	DDLS fellow	Chalmers
Wen Zhong	DDLS fellow	LiU

## DDLS Research School academic projects suggested for funding

Green, suggested for funding, yellow, potential runner up

### Academic projects 19 slots

#### Precision Medicine and Diagnostics (7 slots)

Proposal	Proposal title	Main Supervisor	Affiliation
DDLSAcademicPhDProjects24:051	Foundation models meet graph-based learning to advance spatial biology towards patient-specific cancer immunotherapy	Nataša Sladoje	Uppsala University (UU)
DDLSAcademicPhDProjects24:050	Precision Medicine for Cardiometabolic Disease: Multi-Modal Analytics to leverage Disease Heterogeneity	Paul Franks	Lund University (LU)
DDLSAcademicPhDProjects24:123	Deep learning from images and spatial omics data for precision immuno-oncology	Anna M Sandström Gerdtsen	Lund University (LU)
DDLSAcademicPhDProjects24:169	Causes and consequences of whole-body composition using imaging, genetic, proteomic and metabolomic data	Joel Kullberg	Uppsala University (UU)
DDLSAcademicPhDProjects24:073	Charting Glioblastoma Invasion with Data-Driven Spatial Perturbation Models	Sven Nelander	Uppsala University (UU)
DDLSAcademicPhDProjects24:138	Imaging the spatial risk of atherosclerosis – Understanding regional stability through data-driven multidimensional analysis	David Marlevi	Karolinska Institutet (KI)
DDLSAcademicPhDProjects24:144	AI-based Analysis of Cleared Human Bone	Giovanni Volpe	University of Gothenburg (GU)
DDLSAcademicPhDProjects24:172	Developing new machine-learning methods to discover novel cancer-host interactions to target in therapy from tumor multi-omics data	Jean Hausser	Karolinska Institutet (KI)

#### Cell and molecular biology (6 slots)

Proposal	Proposal title	Main supervisor	Affiliation
DDLSAcademicPhDProjects24:111	Charting cell differentiation in single-cell omics data via transcription-dynamics-informed optimal transport	Joakim Dahlin	Karolinska Institutet (KI)
DDLSAcademicPhDProjects24:038	Enabling variant-aware long read mapping for complex SV detection	Kristoffer Sahlin	Stockholms University (SU)
DDLSAcademicPhDProjects24:091	Merging and mining of image omics for discovery of early breast cancer progression cues	Ida-Maria Sintorn	Uppsala University (UU)
DDLSAcademicPhDProjects24:095	Personalized Medication Strategies to Enhance Efficacy and Reduce Adverse Effects	Åsa Johansson	Uppsala University (UU)
DDLSAcademicPhDProjects24:087	Quantitative predictions of protein – DNA interactions from high-throughput biophysical binding data	Emil Marklund	Stockholms Universitet
DDLSAcademicPhDProjects24:122	Flow Matching for Managing Missingness in MALDI-MSI: Super Resolution and Completion of Single Cells in Brain Tissue Sections	Hossein Azizpour	Royal Institute of Technology (KTH)
DDLSAcademicPhDProjects24:043	GlycoSpace: Dissecting the functional role of spatio-temporal glycoproteins in tumor progression	Wojciech Michno	Uppsala University (UU)

#### Epidemiology and Biology of infection (2 slots)

Proposal	Proposal title	Submitter	Affiliation
DDLSAcademicPhDProjects24:114	Autoregressive probabilistic models of protein structure	Benjamin Murrell	Karolinska Institutet
DDLSAcademicPhDProjects24:158	Data-driven approach to uncover the role of small cryptic plasmids in driving antibiotic resistance evolution	Helen Wang	Uppsala universitet (UU)
DDLSAcademicPhDProjects24:110	Please pass the plasmid: single-cell surveillance of antimicrobial resistance genes in microbiomes	Johan Henriksson	Umeå University (UMU)

#### Evolution and biodiversity (4 slots)

Proposal	Proposal title	Main Supervisor	Affiliation	Suggested ranking
DDLSAcademicPhDProjects24:156	The Archaic within Us: Functional consequences of archaic sequences in modern human genomes	Maximilian Larena	Uppsala University (UU)	
DDLSAcademicPhDProjects24:115	AI-Based Multispecies Coalescent and Species Delimitation	Jens Lagergren	Royal Institute of Technology (KTH)	
DDLSAcademicPhDProjects24:136	Transcriptome-guided AI deconvolution of taxonomy (Traident)	Marc Friedländer	Stockholms universitet (SU)	
DDLSAcademicPhDProjects24:024	Discovering patterns in the evolution of codon usage	Ingemar André	Lund University (LU)	
DDLSAcademicPhDProjects24:016	Protein structure evolution in the AI era	Arne Elofsson	Stockholms universitet (SU)	1 st runner up
DDLSAcademicPhDProjects24:153	MechaSwAsp: Data-driven genetics of wood morphomechanics.	Stéphane Verger	Umeå universitet (UMU)	2nd runner up

**DDL Research School industrial projects suggested for funding****Industrial projects 7 (8) slots**

Proposal	Proposal title	Academic Supervisor	Affiliation	Industrial Supervisor	Affiliation
<a href="#">DDLIndustryPhDProjects24:028</a>	Preventing Harmful Chemical Impacts: New AI-based strategies for improved human and environmental health	Erik Kristiansson	Chalmers University of Technology	Stig Ursing	Semcon Sweden AB
<a href="#">DDLIndustryPhDProjects24:005</a>	Deep learning modeling of spatial biology data for expression profile based drug repurposing	Erik Sonnhammer	Stockholm University (S)	Dimitri Guala	Merck
<a href="#">DDLIndustryPhDProjects24:023</a>	Generative AI and data-driven design of lipid nanoparticles for targeted delivery	Maggie Holme	Chalmers University of Technology	Martina Pannuzzo	AstraZeneca
<a href="#">DDLIndustryPhDProjects24:029</a>	Advanced Functional Embeddings for AI-Based Health Metrics and Explainable AI in Precision Medicine	Mika Gustafsson	Linköpings University (LI)	Maria Lerm	PredictMe AB
<a href="#">DDLIndustryPhDProjects24:026</a>	Deconvoluting the molecular heterogeneity of drug effects and treatment response	Jochen Schwenk	Royal Institute of Technology	Åsa Hedman	Pfizer Research & Development
<a href="#">DDLIndustryPhDProjects24:006</a>	Data-Driven Metabolite and Site-of-Metabolism Prediction for Accelerated Drug Discovery	Rocio Mercado	Chalmers University of Technology	Filip Miljković	AstraZeneca
<a href="#">DDLIndustryPhDProjects24:012</a>	AlphaFold Cytiva	Arne Elofsson	Stockholm University (S)	Sarah McComas	Cytiva



# Signature page

This document has been electronically signed  
using eduSign.

eduSign