

Curriculum Vitæ for Pia Lindberg

Work address:

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PhD degree	Uppsala University, 2003-09-26
Docent degree	Uppsala University, 2014
Present employment	Professor at Uppsala University, Dept. of Chemistry-Ångström, since March 2026. Present research appointment 55% (30% Deputy Head of Department, 15% teaching).
Previous employment	2015-2025: Associate professor, Uppsala University, Dept. of Chemistry-Ångström 2009 - 2015: Scientist at Uppsala University, Dept. of Chemistry-Ångström (before 2012 Dept. of Photochemistry and Molecular Science). Aug 2011-Apr 2012, parental leave. Oct 2008-Feb 2009, Research Specialist at University of California, Berkeley, Dept. of Plant & Microbial Biology.
Postdoctoral positions	2004-2008: University of California, Berkeley, Dept. of Plant and Microbial Biology 2003-2004: CEA Saclay, Service de Bioénergétique, Dép. de Biologie Joliot Curie
<u>Recent grants:</u>	
2024-2027	Main PI for UU in ALFAFUELS , Horizon EU project no 101122224. Total budget 5M€, UU budget 1.5 M€.
2020-2024	"Förnybar produktion av isopren från CO ₂ med hjälp av cyanobakterier." The Swedish Energy Agency, via the Swedish Research Council. SEK 4 995 250.
2022-2024	Grant from Carl Tryggers Stiftelse for a postdoc, SEK 550 000.
2021-2022 (Co-PI)	"En kombinerad fotobiologisk/fotokemisk produktionsplattform för hållbara soljetbränslen från CO ₂ " Swedish Energy Agency. SEK 7 799 646. Co-applicant, one of six PIs.
2017-2019	"Cyanobacteria for solar-powered renewable production of chemicals". FORMAS, SEK 3 000 000.
2017-2019	Three-year project/postdoc scholarship grant from the Åforsk Foundation, SEK 1 500 000.
2017-2019 (Co-PI)	"Light-Induced Couplings of Biogenerated Gaseous Hydrocarbons to Liquid Jet Fuels", Swedish Energy Agency. SEK 5 525 813. Co-applicant, one of four PIs.
2017-2022 (Co-PI)	"Towards Versatility of Aquatic Production Platforms: Unlocking the Value of Nordic Bioresources (NordAqua)". Nordic Center of Excellence, Nordforsk, ~30 MSEK. One PI in large Nordic collaboration project.

Talks at international meetings, last 5 years:

- Seminars given at NUS and NTU, Singapore, Jan 2026.
- **Invited speaker** at Nordic Photosynthesis Congress and Nordic Algae Symposium 2025, Oct 2025, Copenhagen, Denmark.
- **Invited speaker** at Metabolic Engineering 16, June 2025, Copenhagen, Denmark
- **Invited speaker** Young Algaeneers Symposium, June 2025, Almeira, Spain

- **Invited plenary** speaker at Algal Biomass, Biofuels and Bioproducts (AlgalBBB) 2024, Florida, June 2024.
- **Invited** speaker at Algal Biotech meeting Green Christmas Session, Italy/online, Dec 2023
- **Invited** talk at Uppsala University Conference on Sunlight- and Power-to-X, Oct 2023
- Talk at NPC/NAS 2023 Umeå, Sweden, June 2023
- **Invited speaker** at SCyCode-workshop, Leipzig, Sept 2022.
- **Invited keynote speaker**, Cyano2022, Leipzig, Germany, Sept 2022
- **Invited keynote speaker**, 14th Workshop on Cyanobacteria, MSU, Michigan, June 2022.
- **Invited plenary** talk at ISF3, July 2021.

PhD Thesis examination:

- **External examiner:** NTNU Trondheim, 2022; University of Porto, 2022; University of Copenhagen, 2021; NTNU Trondheim, 2019; University of Copenhagen 2016. **Thesis committee:** Linné-universitetet, 2025; KTH 2019, 2016. **External evaluation** of PhD theses: IIT Bombay, 2023; University of the Punjab, Lahore, 2020; Turku University, 2019.

Commissions of trust

- Deputy Head of Department, Dept of Chemistry – Ångström, 2020 –
- Chair of stipend committee, Dept of Chemistry – Ångström, 2024 –
- Member of Educational Board of Engineering (TUN), UU. 2022-
- Member of the Department Board, Chemistry Ångström, 2021-
- Director of Undergraduate Studies, Dept of Chemistry Ångström, August 2020 – December 2020 (temporary stand-in)
- Subject Coordinator for Chemistry Education, Uppsala University, July 2017- Feb 2020
- Deputy member of the Electoral College for the Domain of Science and Technology, Uppsala University, 2014-2016, 2017-2019

Editorial work and reviewing for the scientific community:

- **Associate Editor** for Biotechnology for Biofuels and Bioproducts (Springer Nature), 2023-
- **Editorial Board** member for Algal Research, 2019-
- **Editor** (with Katja Bühler) of “Cyanobacteria in Biotechnology – Applications and Quantitative Perspectives”, Advances in Biochemical Engineering/Biotechnology 183, Springer, 2023.
- **Reviewer** for >30 scientific journals, including Nature Communications, Nature Microbiology, Metabolic Engineering, Metabolic Engineering Communications, Journal of Bacteriology, Plant Physiology, Microbial Cell Factories, ACS Synthetic Biology, Critical Reviews in Biotechnology.
- **Reviewer of grant applications:** German Federal Ministry of Education and Research, ERC starting grant, BBSRC (UK), L'Agence nationale de la recherche (ANR, France). Invited to serve as vice chair and reviewer for EIC Pathfinder Challenge evaluation committee (declined due to competing interests). Invited to review panel for the National Science Foundation (USA).

Popular science and science information (some examples):

- Public lecture in 13x13-series, UU, Sept 2025.
- Talk and panel discussions at event by Uppsala 2030, Uppsala, March 2025.
- Co-authored article in “Kemisk Tidskrift” (24-02) about our jetfuel project, 2024.
- Public lecture at Uppsala City Library, arranged by popular science magazine Forskning och Framsteg, 2023-05-09.
- Presentations and activities for **high school students, teachers, and the general public**, different venues and occasions, several times per year since 2009.