



Personal information

Name: Kuijjer, Marieke Lydia Nationality: Dutch
Date of birth: 05.02.1982 Orcid ID: 0000-0001-6280-3130
Sex: Female URL: www.kuijjerlab.org

Education

2008–2013 PhD in Bioinformatics and Cancer Genomics, Department of Pathology, Leiden University Medical Center (LUMC), the Netherlands
2006–2008 Master of Science in Biomedicine, Leiden University, the Netherlands
2003–2007 Bachelor of Science in Biomedicine, Leiden University, the Netherlands

Current and previous positions

2020–2023 Assistant Professor (20%), Department of Pathology, LUMC, the Netherlands
2018–2027 Group Leader at NCMM, University of Oslo (UiO), Norway
2013–2018 Research Fellow, Department of Biostatistics and Computational Biology, Dana Farber Cancer Institute (DFCI), USA; Department of Biostatistics, Harvard Chan School of Public Health (HSPH), USA

Funding and project management experience (selection)

Total amount of external funding allocated to my group is approx. **2,394,000 EUR**.
2024–2027 Krafftak mot Kreft, Norwegian Cancer Society. **PI**
2022–2023 UNIFOR-FRIMED, University of Oslo. **PI**
2021–2026 Young Research Talents, Norwegian Research Council. **PI**
2021–2025 Pink Ribbon grant, Norwegian Cancer Society. **PI**
2021 National Cancer Institute (NCI)/Department of Energy (DoE). **Co-PI**
2020–2023 Leiden Center for Computational Oncology, Leiden University Medical Center. **Co-PI**
2018–2027 Computational Biology and Systems Medicine group, NCMM, UiO
2018–2023 Dutch Research Council, VICI grant (to Judith Bovée). **Bioinformatics Lead**
2015–2016 NVIDIA Compute the Cure. **Cancer Research Lead**

Fellowships and awards (selection)

2016–2018 Charles A. King Postdoctoral Fellowship
2016 National Cancer Institute (NCI) Career Enhancement Program (CEP) Award
2012–2015 Two conference travel scholarships
2012–2013 Best presentation award and thesis sponsorship, Dutch Cancer Society (KWF)

Supervision of graduate students and research fellows

2018– 6 Postdoctoral Fellows (incl. 1 co-supervised, 3 Marie Curie Scientia Fellows), +2 Postdoctoral Fellows will start in 2024, 6 PhD students (incl. 2 co-supervised, 1 exchange), 9 Master's students (incl. 3 theses)
2013–2018 2 PhD students (1 rotation, 1 visiting), 3 Master's students (incl. 1 thesis)
2008–2012 2 Master's students (incl. 1 thesis)

Teaching activities

2022– Co-organizer and lecturer of 1 PhD course
2019– Lecturer at 2 PhD courses
2015 Teaching Assistant at Harvard Catalyst course
2009–2010 Lecturer and workgroup leader at 1 Bachelor's course

Organization of conferences, workshops, seminars, and consortia

2023 Co-organizer of 1 international workshop

2022– Executive Committee Member and biologist representative of 1 international consortium
2020– Scientific Committee Member of 2 international conferences
2014– Co-organizer of 2 seminar series

Institutional responsibilities

2020– Advisor of the ISCB Regional Student Group (RSG) Norway, Nordic Computational Biology network (ISCB affiliate)
2019– Member of the NCMM IT steering committee and hiring board
2018– Hiring panel member for various positions at NCMM, UiO, UiB, Leiden University

Grant and position review

2023– Evaluation of 2 Group Leader positions and 1 Group Leader renewal
2022–2025 Data Science Committee Expert Member, Novo Nordisk Foundation, Denmark
2022– *Ad hoc* Grant Review, Medical Research Council, UK; Personal Research Grants Program, Israel Science Foundation (ISF); United States-Israel Binational Science Foundation (BSF), Israel Science Foundation (ISF), HORIZON-MCSA
2020 Grant Review Committee Member, Québec Research Fund, Canada

Thesis opponent and review

2023– International Committee Member of 1 PhD student
2023 Review of 1 international PhD thesis
2021– Evaluation of 1 international PhD thesis proposal
2020– Opponent of 6 PhD defenses, incl. 2 international
2020– Midterm evaluation of 7 PhD students at UiO
2016– MSc opponent of 2 defenses

Editorial and reviewer work

2017– Conference Proceedings Committee Member at two international conferences
2016– Editor at *Cancer Research* and *Bioinformatics Advances*
2010– Peer reviewer of a total of 63 manuscripts for 22 international journals

Track record

61 scientific publications, including 11 senior, 13 first, and 17 corresponding authorships.
h-index: 29, i-10 index: 42, **citations: 4,200** (Google Scholar, accessed November 13, 2023).
9 computational softwares. For more details, see www.kuijjerlab.org/tools.
7 invited international conference talks, 8 selected, 1 invited national, 3 selected national

Five selected publications

1. *Hsieh PH*, Lopes-Ramos CM, Zucknick M, Sandve GK, Glass K, **Kuijjer ML** (2023) Adjustment of false positive associations in co-expression measurements from RNA-Sequencing data. *Bioinformatics* Oct 6:btad610
2. *Belova T*, Biondi N, *Hsieh PH*, Lutsik P, Chudasama P, **Kuijjer ML** (2023) Heterogeneity in the gene regulatory landscape of leiomyosarcoma. *NAR Cancer* 5(3):zcad037
3. Lopes-Ramos CM, *Belova T*, *Brunner T*, Ben Guebila M, *Osorio D*, Quackenbush J, **Kuijjer ML** (2021) Regulatory network of PD1 signaling is associated with prognosis in glioblastoma multiforme. *Cancer Res* 81(21):5401-5412
4. **Kuijjer ML**, Tung MG, Yuan G, Quackenbush J, Glass K (2019) Estimating Sample-Specific Regulatory Networks. *iScience* 14:226-240
5. Sonawane AR, Paulson JN, Fagny M, Chen CY, Lopes-Ramos CM, Platig J, Quackenbush J, Glass K, **Kuijjer ML** (2017) Understanding Tissue-Specific Gene Regulation. *Cell Reports* 21(4):1077-1088