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

Documented leave

6.5 months

Funding and project management experience (selection)

Total amount of external funding allocated to my group is approx. **2,394,000 EUR**.
2024–2027   Krafttak 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), +3 Postdoctoral Fellows will start in 2024-2025, 6 PhD students (incl. 2 co-supervised, 1 exchange) + 2 PhD students will start in 2024, 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

63 scientific publications, including 13 senior, 13 first, and 17 corresponding authorships.
h-index: 30, i-10 index: 43, **citations: 4,429** (Google Scholar, accessed March 12, 2024).
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. *Osorio D*, Capasso A, Eckhardt SG , Giri U, Somma A, Pitts TM, Lieu CH, Messersmith WA, Bagby SM, Singh H, Das J, Sahni N, Yi SS, **Kuijjer ML**. Population-level comparisons of gene regulatory networks modeled on high-throughput single-cell transcriptomics data. *Nat Comput* Sci. 2024 Mar 4; *online ahead of print*
2. *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
3. *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
4. 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
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