

# Atte Nikkilä

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## Current position

2025	Pediatric Hemato-Oncology Fellow Pediatric Hemato-Oncology Department, Tampere University Hospital, Finland
2022	Research Group Leader COLDIA, TamCAM - Tampere Center for Child, Adolescent and Maternal Health Research Faculty of Medicine and Health Technology, Tampere University, Finland

## Education

2025	Pediatrician, Clinical specialist degree Faculty of Medicine and Health Technology, Tampere University, Finland
2023	Title of Docent / Adjunct professor Faculty of Medicine and Health Technology, Tampere University, Finland
2022	General Practice Special Education (EU cert.) Faculty of Medicine and Health Technology, Tampere University, Finland
2019	Doctor of Medicine (Ph.D.) MD PhD program, Faculty of Social Sciences, Tampere University, Finland
2019	Licentiate of Medicine (M.D.) MD PhD program, Faculty of Medicine and Health Technology, Tampere University, Finland
Ongoing	Pediatric Hemato-Oncology Fellowship Faculty of Medicine and Health Technology, Tampere University, Finland

## Past positions

2019–2022	<i>Post-Doctoral Researcher</i> HemoRes Group, Faculty of Medicine and Health Technology, Tampere University, Finland
2021–2025	Pediatric Resident Kanta-Häme Central Hospital & Tampere University Hospital, Finland

## Other experience

- Supervision of M.D. theses and a Ph.D. thesis
- Formal university-level pedagogical education
- High-level data analysis and presentation using R language
- Good skills with Redcap and Python, experience using HTML, CSS, MySQL, C++, PowerShell, Unix
- Management and organization of international collaborations
- Personal and project grants nearing 100k€ from Väre foundation, Pediatrics Research Foundation, Finnish Cultural Foundation, Tampere Science Foundation, Tampere Physician Association, State Competitive Research Funding.

## Languages

Finnish	Native proficiency
English	Full professional proficiency
Swedish	Limited working proficiency

French

Elementary proficiency

## Scientific distinctions

2016	Excellent Poster Presentation, Tampereen Lääkäripäivät
2016	M.D. thesis approved with distinction
2016, 2018	Finalist, Young Epidemiologist of the Year (Finnish Epidemiology Association)
2017	Best Oral Presentation, Science Day, Faculty of Medicine, Tampere University
2019	Ph.D. thesis approved with distinction
2022	Finalist, Young Scientist of the Year (Finnish Pediatrician Association)

## Selected publications

**Nikkilä A**, Lohi O, Abrahamsson J, Griskevicius L, Hallböök H, Jónsson ÓG, Lund B et al. Intensive chemotherapy for high-risk acute lymphoblastic leukemia in first remission: results from the NOPHO ALL2008 study. *Leukemia*. 2025 Oct 27. doi: 10.1038/s41375-025-02789-y. Epub ahead of print. PMID: 41145672.

Oksa L, Moisio S, Maqbool K, Kramer R, **Nikkilä A**, Jayasingha B et al. Genomic determinants of therapy response in ETV6::RUNX1 leukemia. *Leukemia*. 2025 Sep;39(9):2125-2139. doi: 10.1038/s41375-025-02683-7. Epub 2025 Jul 9. PMID: 40634509; PMCID: PMC12380598.

Ventelä J, Pellikka I, Auvinen A, Lohi O, **Nikkilä A**. Childhood acute leukemia and type 1 diabetes in children: A nationwide case-control study. *Int J Cancer*. 2025 Sep 2. doi: 10.1002/ijc.70122. Epub ahead of print. PMID: 40892039.

Ventelä J, Korja M, Auvinen A, Lohi O, **Nikkilä A**. Clustering of childhood acute leukemia in Finland: a nationwide register-based study. *Cancer Causes Control*. 2025 Sep;36(9):957-964. doi: 10.1007/s10552-025-01998-1. Epub 2025 Apr 24. PMID: 40272762; PMCID: PMC12380987.

**Nikkilä A**, Lohi O, Nieminen N, Csonka P. Trends in ferritin measurements in children and adolescents: A Finnish 9-year observational study. *Acta Paediatrica* [Internet]. n/a(n/a). Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1111/apa.16454>

**Nikkilä A**, Raitanen J, Lohi O, Auvinen A. Radiation exposure from computerized tomography and risk of childhood leukemia: Finnish register-based case-control study of childhood leukemia (FRECCLE). *Haematologica*. 2018 Nov;103(11):1873-80.

**Nikkilä A**, Erme S, Arvela H, Holmgren O, Raitanen J, Lohi O, et al. A nationwide register-based case-control study: Background Radiation and Childhood Leukemia. *Int J Cancer*. 2016 Nov 1;139(9):1975-82.

Oksa L, Mäkinen A, **Nikkilä A**, Hyvärinen N, Laukkanen S, Rokka A, et al. Arginine Methyltransferase PRMT7 Deregulates Expression of RUNX1 Target Genes in T-Cell Acute Lymphoblastic Leukemia. *Cancers*. 2022 Apr 26;14(9):2169.

Mäkinen A, **Nikkilä A**, Haapaniemi T, Oksa L, Mehtonen J, Vänskä M, et al. IGF2BP3 Associates with Proliferative Phenotype and Prognostic Features in B-Cell Acute Lymphoblastic Leukemia. 2021;12.

Immonen E, Aine L, **Nikkilä A**, Parikka M, Grönroos M, Vepsäläinen K, et al. Randomized controlled and double-blinded study of Caphosol versus saline oral rinses in pediatric patients with cancer. *Pediatr Blood Cancer* [Internet]. 2020 Oct [cited 2020 Sep 3];67(10). Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1002/pbc.28520>

Endén K, Tainio J, **Nikkilä A**, Helanterä I, Nordin A, Pakarinen MP, et al. Cancer morbidity and mortality after pediatric solid organ transplantation—a nationwide register study. *Pediatric Nephrology* [Internet]. 2020 May 11 [cited 2020 May 13]; Available from: <http://link.springer.com/10.1007/s00467-020-04546-y>



11<sup>th</sup> November 2025, Tampere