



Curriculum Vitae

Personal
information

Elina Rantala

Work
experience

1. Employer: Finnish Medicines Agency
 - Start date: 09/2023
 - End date: Present
 - Position: Senior medical officer
 - Country: Finland
 - Main activities: clinical studies
2. Employer: Zürich City Hospital (Stadtspital Zürich)
 - Start date: 05/2023
 - End date: 07/2023
 - Position: Senior physician / Ophthalmology
 - Country of employment: Switzerland
 - Main activities: Management of medical staff and treating patients (especially uveitis)
3. Employer: Finnish Medicines Agency
 - Start date: 03/2022
 - End date: 08/2022
 - Position: Clinical expert
 - Country of employment: Finland
 - Main activities: Health technology assessment (HTA) of tebentafusp
4. Employer: University of Helsinki (partly on grants)
 - Start date: 01/2017
 - End date: 05/2023
 - Position: Researcher
 - Country of employment: Finland
 - Main activities: Oversaw cross-functional research groups as the first-named author for publications, including conceptualization, project administration, data management, programming with Stata, statistical analyses, and manuscript writing. Collaborated with multidisciplinary translational teams around the world to impact public health outcomes, achieved through resource-sharing, securing extramural funding, and disseminating research findings.
5. Employer: Helsinki University Hospital
 - Start date: 2/2018
 - End date: 10/2019
 - Position: Senior physician / Ophthalmology
 - Country of employment: Finland
 - Main activities: Specialties included uveitis and cataract surgery. The special interest was the management of uveitis patients through e. g., biologics. Parallel research activities. Performed altogether approx. 1500 cataract surgeries at the Helsinki University Hospital and Etelä-Pohjanmaa Central Hospital.
6. Employer: Etelä-Pohjanmaa Central Hospital
 - Start date: 10/2013
 - End date: 9/2019
 - Position: Senior physician / Ophthalmology
 - Country of employment: Finland
 - Main activities: Served the general ophthalmology department in the diagnoses and treatment of eye diseases. Led scientific continued education activities for the clinic. Parallel research activities.

7. Employer: Inselspital
 - Start date: 5/2013
 - End date: 8/2013
 - Position: Senior physician / Ophthalmology
 - Country of employment: Switzerland
8. Employer: Helsinki University Hospital
 - Start date: 3/2012
 - End date: 2/2013
 - Position: Resident doctor / Ophthalmology
 - Country of employment: Finland
9. Employer: Etelä-Pohjanmaa Central Hospital
 - Start date: 6/2011
 - End date: 9/2011
 - Position: Resident doctor / Ophthalmology
 - Country of employment: Finland
10. Employer: Inselspital
 - Start date: 10/2009
 - End date: 4/2011
 - Position: Resident doctor / Ophthalmology
 - Country of employment: Switzerland
11. Employer: Päijät-Hämeen Central Hospital
 - Start date: 8/2009
 - End date: 9/2008
 - Position: Resident doctor / Ophthalmology
 - Country of employment: Finland
12. Employer: Vaasa Central Hospital
 - Start date: 1/2008
 - End date: 7/2008
 - Position: Resident doctor / Ophthalmology
 - Country of employment: Finland
13. Employer: Etelä-Pohjanmaa Central Hospital
 - Start date: 10/2007
 - End date: 12/2007
 - Position: Resident doctor / Anesthesiology/ Intensive Station
 - Country of employment: Finland
14. Employer: Etelä-Pohjanmaa Central Hospital
 - Start date: 7/2007
 - End date: 10/2007
 - Position: Resident doctor / Surgery
 - Country of employment: Finland
15. Employer: Etelä-Pohjanmaa Central Hospital
 - Start date: 4/2007
 - End date: 7/2007
 - Position: Resident doctor / Gynecology and Obstetrics
 - Country of employment: Finland
16. Employer: Kuusiokuntien terveystayhtymä (Health Care Center)
 - Start date: 11/2006
 - End date: 4/2007
 - Position: Physician
 - Country of employment: Finland
17. Employer: Etelä-Pohjanmaa Central Hospital
 - Start date: 9/2006
 - End date: 11/2006
 - Position: Resident doctor / Internal Medicine/Emergency Station
 - Country of employment: Finland
18. Employer: Kuusiokuntien terveystayhtymä (Health Care Center)
 - Start date: 6/2006

- End date: 8/2006
 - Position: Physician
 - Country of employment: Finland
19. Employer: Kirkkonummen kunta (Health Care Center)
- Start date: 3/2006
 - End date: 5/2006
 - Position: Physician
 - Country of employment: Finland

Education and training

1. Qualification: Executive Master of Business Administration (EMBA)

- Institution: Hochschule Luzern
- Start date: 3/2020
- End date: 3/2023
- Subject: Leadership, Strategic Management
- Country: Switzerland

2. Qualification: Doctor of Medical Science (MD PhD)

- Institution: University of Helsinki
- Start date: 4/2018
- End date: 1/2021
- Subject: Titel of the thesis: Metastatic Uveal Melanoma – Diagnosis by Imaging and Stage-Stratified Overall Survival
- Country: Finland

3. Qualification: Subspecialty in Ophthalmic Surgery

- Institution: Finnish Medical Association
- Start date: 3/2013
- End date: 2/2017
- Country: Finland

4. Qualification: Specialist Degree in Ophthalmology

- Institution: University of Helsinki
- Start date: 2/2008
- End date: 3/2013
- Country: Finland

5. Qualification: Fellow of the European Board of Ophthalmology

- Institution: European Board of Ophthalmology
- Start date: 5/2011
- End date: 5/2011
- Country: France

6. Qualification: Medical Doctor (MD)

- Institution: University of Helsinki
- Start date: 8/2000
- End date: 2/2006
- Country: Finland

Additional information

Publications Journal Articles: (Peer Reviewed)

1. Rantala ES, Parrozzani R, Hernberg MM, Chiarion-Sileni V, Kivelä TT, Midena E (2023). Prognostic Model for Short-Term Survival in Metastatic Choroidal and Ciliary Body Melanoma. American Journal of Ophthalmology. Feb;246:258-272. <https://doi.org/10.1016/j.ajo.2022.10.017>

2. Rantala ES, Vuoristo MS, Kivelä TT, Hernberg MM (2023). Levinneen suonikalvoston melanooman hoito on kauas Suomen kansainvälistä tasoa. *Lääkärilehti*78; e35986. www.laakarilehti.fi/e35986
3. Rantala ES, Hernberg MM, Piperno-Neumann S, Grossniklaus H, Kivelä TT (2022). Metastatic Uveal Melanoma. *Final Frontier. Progress in Retinal and Eye Research*. Sep;90:101041. <https://doi.org/10.1016/j.preteyeres.2022.101041>
4. Beenakker JW, Brouwer N, Chau C, Coupland S, Fiorentzis M, Heimanne H, Heufelder J, Jousen A, Kiilgaard J, Kivelä T, Piperno-Neumann S, Rantala E, Romanowska-Dixon B, Shields C, Willerding G, Wheeler-Schilling T, Scholl H, Jager M, Damato B (2022). Outcome Measures of New Technologies in Uveal Melanoma: Review from European Vision Institute Special Interest Focus Group Meeting. *Ophthalmic Research*, <https://doi.org/10.1159/000524372>
5. Rantala ES, Kivelä TT, Hernberg M (2021). Impact of Staging on Survival Outcomes: A Nationwide Real-World Cohort Study of Metastatic Uveal Melanoma. *Melanoma Research*. Jun;31(3):224-231. <https://doi.org/10.1097/CMR.0000000000000728>
6. Rantala ES, Hernberg M, Lundin M, Lundin J, Kivelä TT (2021). Metastatic uveal melanoma managed with best supportive care: a survival benchmark. *Acta Oncol*. Jan;60(1):135-139. <https://doi.org/10.1080/0284186X.2020.1817978>
7. Rantala ES, Peltola E, Helminen H, Hernberg M, Kivelä TT (2020). Hepatic ultrasonography compared with computed tomography and magnetic resonance imaging at diagnosis of metastatic uveal melanoma. *Am J Ophthalmol*. Aug;187:156-164. <https://doi.org/10.1016/j.ajo.2020.03.049>
8. Repo P, Jääntti J, Järvinen R-S, Rantala ES, Täll M, Raivio V, Kivelä TT, Turunen JA (2020). Germline loss-of-function variants in MBD4 are rare in Finnish patients with uveal melanoma. *Pigment Cell Melanoma Res*. Sep;33(5):756-762. <https://doi.org/10.1111/pcmr.12892>
9. Rantala ES, Tulokas S, Kivelä TT, Hernberg M (2019). Ocular melanoma. *Duodecim*. 135(16):144352. <https://www.duodecimlehti.fi/lehti/2019/16/duo15067>
10. Rantala ES, Hernberg M, Kivelä TT (2019). Overall Survival after Treatment for Metastatic Uveal Melanoma: A Systematic Review and Meta-Analysis. *Melanoma Research* Dec;29:561-8. <https://doi.org/10.1097/CMR.0000000000000575>
11. Rantala E, Majander A (2015). Anterior segment optical coherence tomography in autosomal recessive cornea plaques. *Acta Ophthalmol*. Aug;93(3):232-3. <https://pubmed.ncbi.nlm.nih.gov/25113580/>
12. Rantala E, Välimäki J (2012). Micropulse diode laser trabeculoplasty - 180-degree treatment. *Acta Ophthalmol*. Aug;90(5):441-4. <https://pubmed.ncbi.nlm.nih.gov/21054817/>
13. Soro-Paavonen A, Naukkarinen J, Lee-Rueckert M, Watanabe H, Rantala E, Soderlund S, Hiukka A, Kovanen PT, Jauhiainen M, Peltonen L, Taskinen MR (2007). Common ABCA1 variants, HDL levels, and cellular cholesterol in subjects with familial low HDL. *J Lipid Res*. 48(6):1409-16. <https://doi.org/10.1194/jlr.P600012-JLR200>

Other Articles: (Not peer-reviewed)

1. Rantala E, Baumgartner S (2022). «Digital Health» geht uns alle etwas an. *Rontaler Zeitung*, 16.9.2021 <https://www.rontaler.ch/wirtschaftsnachrichten/digital-health-geht-uns-alle-etwas-an/>

Books:

1. Rantala ES (2020). Metastatic Uveal Melanoma: Diagnosis by Imaging and Stage-Stratified Overall Survival. Dissertation. University of Helsinki, Faculty of Medicine, Department of Ophthalmology and Department of Oncology. https://helda.helsinki.fi/bitstream/handle/10138/321396/rantala_elina_dissertation_2020.pdf?sequence=1&isAllowed=y

2. Rantala ES (2004). Pilot Project: ApoA1-mediated efflux from cultured human monocyte - derived macrophages
Thesis project at the end of the M.D. studies. University of Helsinki, Wihuri Research Institute.

Textbook Contributions:

1. Kivelä TT, Rantala ES, Täll M (2022). 10. Silmän ja silmäkuopän syöpä. In Leppä S, Jyrkkiö S, Kouri M, Pasanen Pitkäniemi J, Puolakkainen P, Tenhunen O (Eds.), Syöpätaudit (Cancer diseases – a textbook for medical students and general practitioners about cancer diseases). Kustannus Oy Duodecim. In print.

Open Access Datasets:

1. Rantala, ES, Hernberg, M, Lundin, M, Lundin, J, & Kivelä, TT (2020). Dataset for <Metastatic Uveal Melanoma Managed with Best Supportive Care> [Data set]. In Acta Oncologica. Zenodo. <https://doi.org/10.5281/zenodo.336>
2. Rantala ES, Hernberg M, Kivelä TT (2018). Dataset for <Overall Survival after Treatment for Metastatic Uveal Melanoma: A Systematic Review and Meta-Analysis> [Data set]. In Melanoma Research. Zenodo. <https://doi.org/10.5281/zenodo.1490563>

Projects Competitive Research Funding:

Mary and Georg Ehrnrooth Foundation, Finland, 60'000 EUR (2018 – 2022)
Finnish Eye Foundation, Finland, 46'000 EUR (2017 – 2021)
Evald and Hilda Nissi Foundation, Finland, 14'000 EUR (2017 – 2020)
Eye- and Tissue Bank Foundation, Finland, 17'500 EUR (2017 – 2021)
Finnish Medical Foundation, Finland, 7'500 EUR (2017 – 2021)
Helsinki University Hospital Research Fund, Finland, 5'000 EUR (2019)
Finnish Eye Doctor Funding, Finland, 2'500 EUR (2018)

Memberships Trustee Positions:

National Delegate in the European Union of Medical Specialists, Section of Ophthalmology (UEMS) (2019 – Present)
National Delegate in European Board of Ophthalmology (EBO) (2019 – Present)

Key Presentations:

Outcome Measures of New Technologies in Uveal Melanoma Workshop (Basel, 2021)
EURETINA Conference (Virtual Event, 2020)
8th Ocular Oncology Day (Siena, 2019)
European Association for Vision and Eye Research Conference (Nice, 2019)
European Association for Vision and Eye Research Conference (Nice, 2018)

Academic and Professional Memberships:

European Society for Cataract and Refractive Surgery (ESCRS) (2016 – Present)
Finnish Society for Ophthalmic Surgery (2016 – Present)
Finnish Ophthalmological Society (2009 – Present)
VSAO Verband Schweizerischer Assistenz- und Oberärztinnen und -ärzte (2008 – Present)
Swiss Medical Association, FMH (2008 – Present)
Finnish Medical Society Duodecim (2001 – Present)
Finnish Medical Association (2001 – Present)

Other
Relevant
Information