



## Curriculum Vitae

### Personal information Alar Irs

#### Work experience

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1. Employer: Estonian State Agency of Medicines (Ravimiamet)

- Start date: 012012
- End date:
- Position: Chief Medical Officer
- Activities:

Responsibility for the medical quality of the Agency's output and co\_ordination of the Estonian participation at the European Medicines Agency's scientific bodies.

- Country: Estonia

2. Employer: Tartu University Hospital

- Start date: 092021
- End date:
- Position: Head, Clinical Area 3 (Cardiology, Thoracic diseases, ENT and Stomatology)
- Activities: Management of a division of Tartu University Hospital.
- Country: Estonia

3. Employer: Tartu University Hospital

- Start date: 092017
- End date:
- Position: Snr teaching physician, cardiologist
- Activities: Patient care in interventional and intensive care cardiology, under- and postgraduate teaching.
- Country: Estonia

4. Employer: University of Tartu

- Start date: 012009
- End date: 122017
- Position: Lecturer in Clinical Pharmacology
- Activities:

Teaching clinical pharmacology, pharmacoepidemiology, pharmacoconomics, clinical trial methodology and pharmacotherapy to 6th year medical and 4th year pharmacy students as well as residents and post\_graduate students, providing CME in clinical trial conduct and therapeutics.

- Country: Estonia

5. Employer: State Agency of Medicines (Ravimiamet)

- Start date: 012003
- End date: 122011
- Position: Deputy Director General
- Activities:

Co\_ordination of the Agency's day\_to\_day activities and of the Estonian participation in the EU drug regulatory bodies.

- Country: Estonia

6. Employer: Estonian State Agency of Medicines (Ravimiamet)

- Start date: 012001
- End date: 122002
- Position: Head, Department of Human Medicines
- Activities:

Co\_ordination of the Agency's work in marketing authorisation, pharmacovigilance and drug statistics, clinical trial oversight and in EU accession.

- Country: Estonia

7. Employer: Estonian State Agency of Medicines (Ravimiamet)

- Start date: 011998
- End date: 122000
- Position: Medical Officer, GCP and Clinical Trials
- Activities:

Assessment of clinical trial applications submitted to the Agency, GCP training for investigators and GCP inspection.

- Country: Estonia

8. Employer: University of Tartu

- Start date: 091997
- End date: 122008
- Position: Various junior teaching posts in clinical pharmacology
- Activities:

Teaching of clinical pharmacology and related subjects in a university's medical faculty.

- Country: Estonia

1. Subject: University of Tartu
  - Start date: 091991
  - End date: 061997
  - Qualification: Medical doctor (cum laude)
  - Organisation:Medicine
  - Country: Estonia
2. Subject: University of Tartu
  - Start date: 091997
  - End date: 052002
  - Qualification: Medical doctor
  - Organisation:Clinical pharmacology
  - Country: Estonia
3. Subject: University of Tartu
  - Start date: 092012
  - End date: 082017
  - Qualification: Cardiologist
  - Organisation:European curriculum in cardiology
  - Country: Estonia

## Additional information

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### Publications

#### Selected publications

Viigimaa M, Jürisson M, Pisarev H, Kalda R, Alavere H, Irs A, Saar A, Fischer K, Läll K, Kruuv-Käo K, Mars N, Widen E, Ripatti S, Metspalu A (2022). Effectiveness and feasibility of cardiovascular disease personalized prevention on high polygenic risk score subjects: a randomized controlled pilot study. *Eur Heart J Open*. 2(6):oeac079. doi: 10.1093/ehjopen/oeac079.

Pagano D, Home P, Irs A, Ledermann J, Curigliano G, Iwatani T, Mandrola J, Freemantle N (2022). The path for medical associations to sponsor trustworthy guidelines: is it feasible? *J R Soc Med*. 115(7):252-256. doi: 10.1177/01410768221095240.

Schünemann HJ, Reinap M, Piggott T, Laidmäe E, Köhler K, Pöld M, Ens B, Irs A, Akl EA, Cuellar CA, Falavigna M, Gibbens M, Neamtiu L, Parmelli E, Jameleddine M, Pyke L, Verstijnen I, Alonso-Coello P, Tugwell P, Zhang Y, Saz-Parkinson Z, Kuchenmüller T, Moja L (2022). The ecosystem of health decision making: from fragmentation to synergy. *Lancet Public Health*. 7(4):e378-e390. doi: 10.1016/S2468-2667(22)00057-3.

Alver, M; Palover, M; Saar, A; Läll, K; Zekavat, SM; Tõnisson, N; Leitsalu, L; Reigo, A; Nikopensius, T; Ainla, T; Kals, M; Mägi, R; Gabriel, SB; Eha, J; Lander, ES; Irs, A; Philippakis, A; Marandi, T; Natarajan, P; Metspalu, A; Esko, T (2019). Recall by genotype and cascade screening for familial hypercholesterolemia in a population-based biobank from Estonia. *Genetics in medicine*, 21 (5):1173–1180, 1–8. doi: 10.1038/s41436-018-0311-2.

Freemantle, N; Irs, A; De Paulis, R; Pagano, D; Falk, V; Beyersdorf, F (2019). Transcatheter versus surgical aortic valve replacement: what does the latest evidence tell us? *European Journal of Cardio-thoracic Surgery*, 56 (1), 7–9. doi: 10.1093/ejcts/ezz163.

Bueno H, de Graeff P, Richard-Lordereau I, Emmerich J, Fox KA, Friedman CP, Gaudin C, El-Gazayerly A, Goldman S, Hemmrich M, Henderson RA, Himmelmann A, Irs A, Jackson N, James SK, Katus HA, Laslop A, Laws I, Mehran R, Ong S, Prasad K, Roffi M, Rosano GM, Rose M, Sinnaeve PR, Stough WG, Thygesen K, Van de Werf F, Varin C, Verheugt FW, de Los Angeles Alonso Garcia M. (2019). Report of the European Society of Cardiology Cardiovascular Round Table regulatory workshop update of the evaluation of new agents for the treatment of acute coronary syndrome: Executive summary. *Eur Heart J Acute Cardiovasc Care*, 8(8):745-754. doi: 10.1177/2048872616649859

### Projects

#### Memberships

European Medicines Agency (EMA) CHMP, member (alternate 2004\_2006, member since 2006)

EMA PDCO, member (until 2010, alternate 2010\_13)

EMA CHMP cardiovascular working party, member, vice chair, chair

EMA CHMP efficacy working party, member 2004\_2010

HMA/EMA Joint Big Data Steering Group, member, CHMP representative

WHO Expert Committee for the Selection and Use of Essential Medicines, former member

WHO Expert Panel on Drug Policy, former member Drug Information Association, Advisory Council of Europe, member 2011\_2014

Committee on Drug Reimbursement, Estonian Health Insurance Fund, chair 2017-2020

Marketing Authorisation Committee for Human Medicines, Estonia, vice\_chair

National Clinical Guideline Advisory Board, Estonia, member

European Association for Clinical Pharmacology and Therapeutics (EACPT) Council, former member

EACPT Sub\_Committee on Education, former member

Estonian Society of Pharmacology, member, president 2010\_2013

Estonian Hypertension Society, member

Estonian Society of Cardiology, board member

Estonian Medical Association, member

Medical Curriculum Committee, University of Tartu, Estonia, former member  
National programme for HTA capacity development, former council member

#### Other Relevant Information