

Curriculum Vitae

Personal information Jussi Malkki

Work experience

1. Employer: Finnish Medicines Agency
 - Start date: 08/2025
 - End date:
 - Position: Senior Researcher
 - Activities: Pharmacokinetics, bioequivalence, pharmacometrics, modelling and simulations
 - Country: Finland
2. Employer: Orion Corporation
 - Start date: 06/2016
 - End date: 07/2025
 - Position: Senior specialist, PK/PD modelling
 - Activities: Pharmacokinetics, pharmacometrics, modelling and simulations
 - Country: Finland
3. Employer: Orion Corporation
 - Start date: 01/2011
 - End date: 05/2016
 - Position: Specialist, PK/PD modelling
 - Activities: Pharmacokinetics, pharmacometrics, modelling and simulations
 - Country: Finland
4. Employer: Orion Corporation
 - Start date: 12/2010
 - End date: 03/2003
 - Position: Research scientist
 - Activities: Pharmacokinetics, pharmacometrics, modelling and simulations
 - Country: Finland

Education and training

1. Subject: University of Helsinki
 - Start date: 1/2007
 - End date: 3/2024
 - Qualification: Ph.D (Philosophy)
 - Organisation: Doctoral Programme in Drug Research
 - Country: Finland
2. Subject: Helsinki University of Technology
 - Start date: 7/1994
 - End date: 3/2003
 - Qualification: M.Sc (Technology)
 - Organisation: Department of Engineering Physics and Mathematics
 - Country: Finland

Additional information

Publications

1. Kortejärvi H, **Malkki J**, Marvola M, Urtti A, Yliperttula M, Pajunen P. Level A in vitro-in vivo correlation (IVIVC) model with Bayesian approach to formulation series. J Pharm Sci 95, 1595-605 (2006)
2. Kortejärvi H, Shawahna R, Koski A, **Malkki J**, Ojala K, Yliperttula M. Very rapid dissolution is not needed to guarantee bioequivalence for biopharmaceutics classification system (BCS) I drugs. J Pharm Sci 99, 621-5 (2010)
3. Kortejärvi H, **Malkki J**, Shawahna R, Scherrmann JM, Urtti A, Yliperttula M. Pharmacokinetic simulations to explore dissolution criteria of BCS I and III biowaivers with and without MDR-1 efflux transporter. Eur J Pharm Sci 61, 18-26 (2014)
4. Margolskee A, Darwich AS, Pepin X, Aarons L, Galetin A, Rostami-Hodjegan A, Carlet S, Hammarberg M, Hilgendorf C, Johansson P, Karlsson E, Murphy D, Tannergren C, Thörn H, Yasin M, Mazuir F, Nicolas O, Ramusovic S, Xu C, Pathak SM, Korjamo T, Laru J, **Malkki J**, Pappinen S, Tuunainen J, Dressman J, Hansmann S, Kostewicz E, He H, Heimbach T, Wu F, Hoft C, Laplanche L, Pang Y, Bolger MB, Huehn E, Lukacova V, Mullin JM, Szeto KX, Costales C, Lin J, McAllister M, Modi S, Rotter C, Varma M, Wong M, Mitra A, Bevernage J, Biewenga J, Van Peer A, Lloyd R, Shardlow C, Langguth P, Mishenzon I, Nguyen MA, Brown J, Lennernäs H, Abrahamsson B. IMI - Oral biopharmaceutics tools project - Evaluation of bottom-up PBPK prediction success part 2: An introduction to the simulation exercise and overview of results. Eur J Pharm Sci 96, 610-625 (2017)
5. Darwich AS, Margolskee A, Pepin X, Aarons L, Galetin A, Rostami-Hodjegan A, Carlet S, Hammarberg M, Hilgendorf C, Johansson P, Karlsson E, Murphy D, Tannergren C, Thörn H, Yasin M, Mazuir F, Nicolas O, Ramusovic S, Xu C, Pathak SM, Korjamo T, Laru J, **Malkki J**, Pappinen S, Tuunainen J, Dressman J, Hansmann S, Kostewicz E, He H, Heimbach T, Wu F, Hoft C, Pang Y, Bolger MB, Huehn E, Lukacova V, Mullin JM, Szeto KX, Costales C, Lin J, McAllister M, Modi S, Rotter C, Varma M, Wong M, Mitra A, Bevernage J, Biewenga J, Van Peer A, Lloyd R, Shardlow C, Langguth P, Mishenzon I, Nguyen MA, Brown J, Lennernäs H, Abrahamsson B. IMI - Oral biopharmaceutics tools project - Evaluation of bottom-up PBPK

prediction success part 3: Identifying gaps in system parameters by analysing In Silico performance across different compound classes. Eur J Pharm Sci 96, 626-642 (2017)

Projects

IMI OrBiTo (Oral biopharmaceutics tools), from 2012 to 2017

Memberships

Member of Management Committee of COST B25 (Physiologically based Pharmacokinetics and Dynamics), from 2005 to 2009

Other Relevant Information