

Emergeeruvad haigused muutavas Euroopa keskkonnas **[Emerging Diseases in changing European eNviroment \(EDEN\)](#)**

Rahastamise allikas: CIRAD (Centre de Coopération Internationale en Recherche Agronomique pour le Développement), Prantsusmaa

Meeskond

- Projekti juht: prof Sarah Randolph, Oxfordi Ülikooli parasitoloogia osakonna juhataja
- Eestipoolne vastutav täitja: Veera Vasilenko
- Teised täitjad: Irina Golovljova, Olga Katargina

Kestus: november 2004 – mai 2010

Eesmärk

EDEN on Euroopa Komisjoni poolt algatatud rahvusvaheline projekt, mille eesmärk on

- mõista vektori, patogeeni ja peremees-looma vahelist dünaamikat,
- selgitada kui suur on võimalus haiguse ülekandumiseks inimesele seoses globaalsete keskkonnamuutustega
- leida sobivad monitoorimise, ennetuse ja kontrolli meetmed.

Projekti koordineerib Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) Prantsusmaalt ja sellesse on kaasatud 24 riiki Euroopast, Lähis-Idast ja Aafrikast kokku 80 uurimismeeskonnaga.

[Projekti tutvustav voldik](#)

Tulemused

Avaldatud artiklid

- **Golovljova, I., Katargina, O., Geller, J., Tallo, T., Mitt_zenkov, V., Vene, S., Nemirov, K., Kutsenko, A., Kilosanidze, G., Vasilenko, V., Plyusnin, A., Lundkvist, A.:** [Unique signature amino acid substitution in Baltic tickborne encephalitis virus \(TBEV\) strains within the Siberian TBEV subtype.](#) International Journal of Medical Microbiology 298(Supplement 1), 108{120 (2008). DOI 10.1016/j.ijmm.2007.12.004
- Randolph, S., Asokliene, L., Avsic-Zupanc, T., Bormane, A., Burri, C., Gern, L., **Golovljova, I.**, Hub_alek, Z., Knap, N., Kondrusik, M., Kupca, A., Pejcoch, M., **Vasilenko, V.**, Zygotiene, M.: [Variable spikes in tickborne encephalitis incidence in 2006 independent of variable tick abundance but related to weather.](#) Parasites and Vectors 1(1), 1{44 (2008). DOI 10.1186/1756-3305-1-44

- Sumilo, D., Asokliene, L., Avsic-Zupanc, T., Bormane, A., **Vasilenko, V.**, Lucenko, I., **Golovljova, I.**, Randolph, S.E.: [Behavioural responses to perceived risk of tick-borne encephalitis: vaccination and avoidance in the Baltics and Slovenia](#). Vaccine 26(21), 2580{2588 (2008). DOI 10.1016/j.vaccine.2008.03.029
- Sumilo, D., Asokliene, L., Bormane, A., **Vasilenko, V.**, **Golovljova, I.**, Randolph, S.E.: [Climate change cannot explain the upsurge of tick-borne encephalitis in the Baltics](#). PLoS ONE 2(6), e500 (2007). DOI 10.1371/journal.pone.0000500
- Sumilo, D., Bormane, A., Asokliene, L., Lucenko, I., **Vasilenko, V.**, Randolph, S.: [Tick-borne encephalitis in the Baltic States: identifying risk factors in space and time](#). International Journal of Medical Microbiology 296 Suppl 40, 76{79 (2006). DOI 10.1016/j.ijmm.2005.12.006
- Sumilo, D., Bormane, A., Asokliene, L., **Vasilenko, V.**, **Golovljova, I.**, Avsic-Zupanc, T., Hub alek, Z., Randolph, S.E.: [Socio-economic factors in the differential upsurge of tick-borne encephalitis in central and eastern Europe](#). Reviews in Medical Virology 18(2), 81{95 (2008). DOI 10.1002/rmv.566
- Sumilo, D., Bormane, A., **Vasilenko, V.**, **Golovljova, I.**, Asokliene, L., Zygutiene, M., Randolph, S.: [Upsurge of tick-borne encephalitis in the Baltic States at the time of political transition, independent of changes in public health practices](#). Clinical Microbiology and Infection 15(1), 75{80 (2009). DOI 10.1111/j.1469-0691.2008.02121.x

Ettekanded EDEN-i kokkuvõtval rahvusvahelisel konverentsil Montpellieris, Prantsusmaal, mai 2010

Suulised ettekanded:

- [Detection of tick-borne pathogens in Estonia](#)
Julia Geller, Olga Katargina, Veera Vasilenko, Irina Golovljova, Sarah Randolph (Oxford University, UK)
- [Genetic characterization of TBE virus obtained from Ixodes ricinus and Dermacentor reticulatus ticks](#)
Irina Golovljova, Maciej Kondrusik, Joanna Zajkowska (Department of Infectious Diseases and Neuroinfections, Medical University, Bialystok, Poland)

Posterettekanded:

- [Detection and Characterization of Babesia in Estonia](#)
Olga Katargina, Julia Geller, Veera Vasilenko, Sarah Randolph (Oxford University, UK), Irina Golovljova

- **Detection and characterization of Anaplasma phagocytophilum in ticks in Estonia, and Baltic regions of Russia and Belarus**

Irina Golovljova, Katargina Olga, Julia Geller, Veera Vasilenko, A. Alekseev (Zoological Institute, Russian Academy of Sciences, St.Petersburg, Russia); H. Dubinina (Zoological Institute, Russian Academy of Sciences, St.Petersburg, Russia); G. Efremova (Scientific-practical Centre on Bioresources Minsk, Belarus); N. Mishaeva (Research Institute for Epidemiology and Microbiology, Minsk, Belarus); Å. Lundkvist (Swedish Institute for Infectious Disease Control, Stockholm, Sweden); S. Randolph (Oxford University, UK).