

Jussi Hepojoki
universitetsforskare, Handledare för doktorandprogram
Avdelningen för virologi
Helsinki One Health (HOH)
Viral Zoonosis Research Unit
Doctoral Programme in Microbiology and Biotechnology
Doctoral Programme in Biomedicine
Doctoral Programme in Clinical Veterinary Medicine



Adresstyp: Postadress.

PL 21 (Haartmaninkatu 3)

00014

Finland

Adresstyp: Postadress.

Finland

E-post: jussi.hepojoki@helsinki.fi

Mobil: +358504482866

Telefon: +358294126608

Publikationer

Ancestral allele of DNA polymerase gamma modifies antiviral tolerance

Kang, Y., Hepojoki, J., Maldonado, R. S., Mito, T., Terzioglu, M., Manninen, T., Kant, R., Singh, S., Othman, A., Verma, R., Uusimaa, J., Wartiovaara, K., Kareinen, L., Zamboni, N., Nyman, T. A., Paetau, A., Kipar, A., Vapalahti, O. & Suomalainen, A., 3 apr. 2024, I: Nature.

Whole Blood as a Sample Matrix in Homogeneous Time-Resolved Assay—Förster Resonance Energy Transfer-Based Antibody Detection

Lintala, A., Vapalahti, O., Nousiainen, A., Kantele, A. & Hepojoki, J., apr. 2024, I: Diagnostics. 14, 7, 720.

Comparative analysis of human, rodent and snake deltavirus replication

Khalfi, P., Denis, Z., McKellar, J., Merolla, G., Chavey, C., Ursic-Bedoya, J., Soppa, L., Szirovicza, L., Hetzel, U., Dufourt, J., Leyrat, C., Goldmann, N., Goto, K., Verrier, E., Baumert, T. F., Glebe, D., Cournaud, V., Gregoire, D., Hepojoki, J. & Majzoub, K., mars 2024, I: PLoS Pathogens. 20, 3, 30 s., e1012060.

Nanobody engineering for SARS-CoV-2 neutralization and detection

Hannula, L., Kuivanen, S., Lasham, J., Kant, R., Kareinen, L., Bogacheva, M., Strandin, T., Sironen, T., Hepojoki, J., Sharma, V., Saviranta, P., Kipar, A., Vapalahti, O., Huiskonen, J. T. & Rissanen, I., feb. 2024, I: Microbiology Spectrum. 12, 4, 18 s.

A Multiplex RT-PCR Method for the Detection of Reptarenavirus Infection

Baggio, F., Hetzel, U., Praehauser, B., Dervas, E., Michalopoulou, E., Thiele, T., Kipar, A. & Hepojoki, J., dec. 2023, I: Viruses (Basel). 15, 12, 21 s., 2313.

ICTV Virus Taxonomy Profile: Arenaviridae 2023

Radoshitzky, S. R., Buchmeier, M. J., Charrel, R. N., Gonzalez, J-P. J., Günther, S., Hepojoki, J., Kuhn, J. H., Lukashevich, I. S., Romanowski, V., Salvato, M. S., Sironi, M., Stenglein, M. D. & de la Torre, J. C., 13 sep. 2023, I: Journal of General Virology. 104, 9, 2 s., 001891.

Image-based and machine learning-guided multiplexed serology test for SARS-CoV-2

Pietiäinen, V., Polso, M., Migh, E., Guckelsberger, C., Harmati, M., Diosdi, A., Turunen, L., Hassinen, A., Potdar, S., Koponen, A., Sebestyen, E. G., Kovacs, F., Kriston, A., Hollandi, R., Burian, K., Terhes, G., Visnyovszki, A., Fodor, E., Lacza, Z., Kantele, A., & 12 andraKolehmainen, P., Kakkola, L., Strandin, T., Levanov, L., Kallioniemi, O., Kemeny, L., Julkunen, I., Vapalahti, O., Buzas, K., Paavolainen, L., Horvath, P. & Hepojoki, J., 28 aug. 2023, I: Cell Reports Methods. 3, 8, 20 s., 100565.

The Relationship Between SARS-CoV-2 Neutralizing Antibody Titers and Avidity in Plasma Collected From Convalescent nonvaccinated and Vaccinated Blood Donors

Nurmi, V., Knight, C., Estcourt, L., Hepojoki, J., Lamikanra, A. A., Tsang, H. P., Roberts, D. J., Polack, F. P., Simmonds, P., Hedman, K., Alvarez-Paggi, D. & Harvala, H., 11 aug. 2023, I: Journal of Infectious Diseases. 228, 3, s. 245-250 6 s.

Reptarenavirus S Segment RNA Levels Correlate with the Presence of Inclusion Bodies and the Number of L Segments in Snakes with Reptarenavirus Infection-Lessons Learned from a Large Breeding Colony

Thiele, T., Baggio, F., Prahauer, B., Subira, A. R., Michalopoulou, E., Kipar, A., Hetzel, U. & Hepojoki, J., juni 2023, I: *Microbiology Spectrum*. 11, 3, 16 s., e0506522.

Risk of lymphoid malignancies increased after Puumala virus infection in Finland, 2009-2019: A retrospective register-based cohort study

Kääriäinen, S., Ollgren, J., Dub, T., Laine, O., Sinisalo, M., Hepojoki, J., Strandin, T., Kekäläinen, E., Sane, J. & Lyytikäinen, O., juni 2023, I: *International Journal of Infectious Diseases*. 131, s. 1-6 6 s.

Intranasal administration of adenoviral vaccines expressing SARS-CoV-2 spike protein improves vaccine immunity in mouse models

Freitag, T. L., Fagerlund, R., Karam, N. L., Leppänen, V.-M., Ugurlu, H., Kant, R., Mäkinen, P., Tawfek, A., Kumar Jha, S., Strandin, T., Leskinen, K., Hepojoki, J., Kesti, T., Kareinen, L., Kuivanen, S., Koivulehto, E., Sormunen, A., Laidinen, S., Khattab, A., Saavalainen, P., & 7 andraMeri, S., Kipar, A., Sironen, T., Vapalahti, O., Alitalo, K., Ylä-Herttua, S. & Saksela, K., 11 maj 2023, I: *Vaccine*. 41, 20, s. 3233-3246 14 s.

SARS-CoV-2 and type 1 diabetes in children in Finland: an observational study

Finnish Pediat Diabet Register, Knip, M., Parviainen, A., Turtinen, M., But, A., Härkönen, T., Hepojoki, J., Sironen, T., Iheozor-Ejiofor, R., Ugurlu, H., Saksela, K., Lempainen, J., Ilonen, J. & Vapalahti, O., apr. 2023, I: *The Lancet diabetes & endocrinology*. 11, 4, s. 251-260 10 s.

Intranasal trimeric sherpabody inhibits SARS-CoV-2 including recent immunoevasive Omicron subvariants

Mäkelä, A. R., Ugurlu, H., Hannula, L., Kant, R., Salminen, P., Fagerlund, R., Mäki, S., Haveri, A., Strandin, T., Kareinen, L., Hepojoki, J., Kuivanen, S., Levanov, L., Pasternack, A., Naves, R. A., Ritvos, O., Österlund, P., Sironen, T., Vapalahti, O., Kipar, A., & 3 andraHuiskonen, J. T., Rissanen, I. & Saksela, K., 24 mars 2023, I: *Nature Communications*. 14, 1, 12 s., 1637.

Puumala Hantavirus Infections Show Extensive Variation in Clinical Outcome

Vaheri, A., Smura, T., Vauhkonen, H., Hepojoki, J., Sironen, T., Strandin, T., Tietäväinen, J., Outinen, T., Mäkelä, S., Pörsti, I. & Mustonen, J., mars 2023, I: *Viruses-Basel*. 15, 3, 9 s., 805.

2022 taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales

Kuhn, J. H., Adkins, S., Alkhovsky, S., Avsic-Zupanc, T., Ayllon, M. A., Bahl, J., Balkema-Buschmann, A., Ballinger, M. J., Bandte, M., Beer, M., Beijerman, N., Bergeron, E., Biedenkopf, N., Bigarre, L., Blair, C. D., Blasdel, K. R., Bradfute, S. B., Briese, T., Brown, P. A., Bruggmann, R., & 161 andraBuchholz, U. J., Buchmeier, M. J., Bukreyev, A., Burt, F., Buettner, C., Calisher, C. H., Candresse, T., Carson, J., Casas, I., Chandran, K., Charrel, R. N., Chiaki, Y., Crane, A., Crane, M., Dacheux, L., Dal Bo, E., de la Torre, J. C., de Lamballerie, X., de Souza, W. M., de Swart, R. L., Dheilly, N. M., Di Paola, N., Di Serio, F., Dietzgen, R. G., Digiario, M., Drexler, J. F., Duprex, W. P., Duerwald, R., Easton, A. J., Elbeaino, T., Ergunay, K., Feng, G., Feuvrier, C., Firth, A. E., Fooks, A. R., Formenty, P. B. H., Freitas-Astua, J., Gago-Zachert, S., Garcia, M. L., Garcia-Sastre, A., Garrison, A. R., Godwin, S. E., Gonzalez, J.-P. J., de Bellocq, J. G., Griffiths, A., Groschup, M. H., Gunther, S., Hammond, J., Hepojoki, J., Hierweger, M. M., Hongo, S., Horie, M., Horikawa, H., Hughes, H. R., Hume, A. J., Hyndman, T. H., Jiang, D., Jonson, G. B., Junglen, S., Kadono, F., Karlin, D. G., Klempa, B., Klingstrom, J., Koch, M. C., Kondo, H., Koonin, E., Krasova, J., Krupovic, M., Kubota, K., Kuzmin, I., Laenen, L., Lambert, A. J., Li, J., Li, J.-M., Liefbrig, F., Lukashevich, I. S., Luo, D., Maes, P., Marklewitz, M., Marshall, S. H., Marzano, S.-Y. L., McCauley, J. W., Mirazimi, A., Mohr, P. G., Moody, N. J. G., Morita, Y., Morrison, R. N., Muhlberger, E., Naidu, R., Natsuaki, T., Navarro, J. A., Neriya, Y., Netesov, S., Neumann, G., Nowotny, N., Ochoa-Corona, F. M., Palacios, G., Pallandre, L., Pallas, V., Papa, A., Paraskevopoulou, S., Parrish, C. R., Pauvolid-Correa, A., Paweska, J. T., Perez, D. R., Pfaf, F., Plemper, R. K., Postler, T. S., Pozet, F., Radoshitzky, S. R., Ramos-Gonzalez, P. L., Rehanek, M., Resende, R. O., Reyes, C. A., Romanowski, V., Rubbenstroth, D., Rubino, L., Rumbou, A., Runstadler, J. A., Rupp, M., Sabanadzovic, S., Sasaya, T., Schmidt-Posthaus, H., Schwemmler, M., Seuberlich, T., Sharpe, S. R., Shi, M., Sironi, M., Smither, S., Song, J.-W., Spann, K. M., Spengler, J. R., Stenglein, M. D., Takada, A., Tesh, R. B., Tesikova, J., Thornburg, N. J., Tischler, N. D., Tomitaka, Y., Tomonaga, K., Tordo, N., Tsunekawa, K., Turina, M., Tzanetakis, I. E., Vaira, A. M., van den Hoogen, B., Vanmechelen, B., Vasilakis, N., Verbeek, M., von Bargen, S., Wada, J., Wahl, V., Walker, P. J., Whitfield, A. E., Williams, J., Wolf, Y., Yamasaki, J., Yanagisawa, H., Ye, G., Zhang, Y.-Z. & Okland, A. L., dec. 2022, I: *Archives of Virology*. 167, 12, s. 2857-2906 50 s.

Boid Inclusion Body Disease Is Also a Disease of Wild Boa Constrictors

Alfaro-Alarcon, A., Hetzel, U., Smura, T., Baggio, F., Alberto Morales, J., Kipar, A. & Hepojoki, J., 26 okt. 2022, I: *Microbiology Spectrum*. 10, 5, 17 s., e0170522.

Persistent Reptarenavirus and Hartmanivirus Infection in Cultured Boid Cells

Lintala, A., Szivovicza, L., Kipar, A., Hetzel, U. & Hepojoki, J., aug. 2022, I: *Microbiology Spectrum*. 10, 4, 18 s., e0158522.

Clinical and Serological Findings of COVID-19 Participants in the Region of Makkah, Saudi Arabia

Alzahrani, O. R., Alanazi, A. D., Kareinen, L., Hawsawi, Y. M., Alhadrami, H. A., Khogeer, A. A., Alatwi, H. E., Alharbi, A. A., Sironen, T., Vapalahti, O., Hepojoki, J. & Zakham, F., juli 2022, I: *Diagnostics*. 12, 7, 11 s., 1725.

Neutralizing Antibody Titers in Hospitalized Patients with Acute Puumala Orthohantavirus Infection Do Not Associate with Disease Severity

Iheozor-Ejiofor, R., Vapalahti, K., Sironen, T., Levanov, L., Hepojoki, J., Lundkvist, Å., Mäkelä, S., Vaheeri, A., Mustonen, J., Plyusnin, A., Strandin, T. M. & Vapalahti, O., maj 2022, I: *Viruses (Basel)*. 14, 5, 15 s., 901.

New-onset type 1 diabetes in Finnish children during the COVID-19 pandemic

Salmi, H., Heinonen, S., Hästbacka, J., Lääperi, M., Rautiainen, P., Miettinen, P. J., Vapalahti, O., Hepojoki, J. & Knip, M., maj 2022, I: *Archives of Disease in Childhood*. 107, 2, s. 180-185 6 s.

Short '1.2x Genome' Infectious Clone Initiates Kolmiovirid Replication in Boa constrictor Cells

Szivovicza, L., Hetzel, U., Kipar, A. & Hepojoki, J., jan. 2022, I: *Viruses (Basel)*. 14, 1, 21 s., 107.

2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales

Kuhn, J. H., Adkins, S., Agwanda, B. R., Al Kubrusli, R., Alkhovsky, S. V., Amarasinghe, G. K., Avsic-Zupanc, T., Ayllon, M. A., Bahl, J., Balkema-Buschmann, A., Ballinger, M. J., Basler, C. F., Bavari, S., Beer, M., Bejerman, N., Bennett, A. J., Bente, D. A., Bergeron, E., Bird, B. H., Blair, C. D., & 231 andraBlasdell, K. R., Blystad, D-R., Bojko, J., Borth, W. B., Bradfute, S., Breyta, R., Briese, T., Brown, P. A., Brown, J. K., Buchholz, U. J., Buchmeier, M. J., Bukreyev, A., Burt, F., Buettner, C., Calisher, C. H., Cao, M., Casas, I., Chandran, K., Charrel, R. N., Cheng, Q., Chiaki, Y., Chiapello, M., Choi, I-R., Ciuffo, M., Clegg, J. C. S., Crozier, I., Dal Bo, E., de la Torre, J. C., de Lamballerie, X., de Swart, R. L., Debat, H., Dheilly, N. M., Di Cicco, E., Di Paola, N., Di Serio, F., Dietzgen, R. G., Digiaro, M., Dolnik, O., Drebot, M. A., Drexler, J. F., Dundon, W. G., Duprex, W. P., Durrwald, R., Dye, J. M., Easton, A. J., Ebihara, H., Elbeaino, T., Ergunay, K., Ferguson, H. W., Fooks, A. R., Forgia, M., Formenty, P. B. H., Franova, J., Freitas-Astua, J., Fu, J., Fuerl, S., Gago-Zachert, S., Gao, G. F., Garcia, M. L., Garcia-Sastre, A., Garrison, A. R., Gaskin, T., Gonzalez, J-P. J., Griffiths, A., Goldberg, T. L., Groschup, M. H., Guenther, S., Hall, R. A., Hammond, J., Han, T., Hepojoki, J., Hewson, R., Hong, J., Hong, N., Hongo, S., Horie, M., Hu, J. S., Hu, T., Hughes, H. R., Huettner, F., Hyndman, T. H., Ilyas, M., Jalkanen, R., Jiang, D., Jonson, G. B., Junglen, S., Kadono, F., Kaukinen, K. H., Kawate, M., Klempa, B., Klingstrom, J., Kobinger, G., Koloniuk, I., Kondo, H., Koonin, E. V., Krupovic, M., Kubota, K., Kurath, G., Laenen, L., Lambert, A. J., Langevin, S. L., Lee, B., Lefkowitz, E. J., Leroy, E. M., Li, S., Li, L., Li, J., Liu, H., Lukashevich, I. S., Maes, P., de Souza, W. M., Marklewitz, M., Marshall, S. H., Marzano, S-Y. L., Massart, S., McCauley, J. W., Melzer, M., Mielke-Ehret, N., Miller, K. M., Ming, T. J., Mirazimi, A., Mordecai, G. J., Muehlbach, H-P., Muehlberger, E., Naidu, R., Natsuaki, T., Navarro, J. A., Netesov, S. V., Neumann, G., Nowotny, N., Nunes, M. R. T., Olmedo-Velarde, A., Palacios, G., Pallas, V., Palyi, B., Papa, A., Paraskevopoulou, S., Park, A. C., Parrish, C. R., Patterson, D. A., Pauvolid-Correa, A., Paweska, J. T., Payne, S., Peracchio, C., Perez, D. R., Postler, T. S., Qi, L., Radoshitzky, S. R., Resende, R. O., Reyes, C. A., Rima, B. K., Luna, G. R., Romanowski, V., Rota, P., Rubbenstroth, D., Rubino, L., Runstadler, J. A., Sabanadzovic, S., Sall, A. A., Salvato, M. S., Sang, R., Sasaya, T., Schulze, A. D., Schwemmler, M., Shi, M., Shi, X., Shi, Z., Shimomoto, Y., Shirako, Y., Siddell, S. G., Simmonds, P., Sironi, M., Smagghe, G., Smither, S., Song, J-W., Spann, K., Spengler, J. R., Stenglein, M. D., Stone, D. M., Sugano, J., Suttle, C. A., Tabata, A., Takada, A., Takeuchi, S., Tchouassi, D. P., Teffer, A., Tesh, R. B., Thornburg, N. J., Tomitaka, Y., Tomonaga, K., Tordo, N., Torto, B., Towner, J. S., Tsuda, S., Tu, C., Turina, M., Tzanetakis, I. E., Uchida, J., Usugi, T., Vaira, A. M., Vallino, M., van den Hoogen, B., Varsani, A., Vasilakis, N., Verbeek, M., von Bargen, S., Wada, J., Wahl, V., Walker, P. J., Wang, L-F., Wang, G., Wang, Y., Wang, Y., Waqas, M., Wei, T., Wen, S., Whitfield, A. E., Williams, J. V., Wolf, Y. I., Wu, J., Xu, L., Yanagisawa, H., Yang, C., Yang, Z., Zerbini, F. M., Zhai, L., Zhang, Y-Z., Zhang, S., Zhang, J., Zhang, Z. & Zhou, X., dec. 2021, I: *Archives of Virology*. 166, 12, s. 3513-3566 54 s.

A subpopulation of arenavirus nucleoprotein localizes to mitochondria

Baggio, F., Hetzel, U., Nufer, L., Kipar, A. & Hepojoki, J., 26 okt. 2021, I: *Scientific Reports*. 11, 1, 19 s., 21048.

Hantavirus infection-induced B cell activation elevates free light chains levels in circulation

Hepojoki, J., Cabrera, L. E., Hepojoki, S., Bellomo, C., Kareinen, L., Andersson, L. C., Vaheri, A., Mäkelä, S., Mustonen, J., Vapalahti, O., Martinez, V. & Strandin, T., aug. 2021, I: *PLoS Pathogens*. 17, 8, 21 s., 1009843.

COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants

Jalkanen, P., Kolehmainen, P., Häkkinen, H. K., Huttunen, M., Tähtinen, P. A., Lundberg, R., Maljanen, S., Reinholm, A., Tauriainen, S., Pakkanen, S. H., Levonen, I., Nousiainen, A., Miller, T., Välimaa, H., Ivaska, L., Pasternack, A., Naves, R., Ritvos, O., Österlund, P., Kuivanen, S., & 7 andraSmura, T., Hepojoki, J., Vapalahti, O., Lempainen, J., Kakkola, L., Kantele, A. & Julkunen, I., 28 juni 2021, I: *Nature Communications*. 12, 1, 11 s., 3991.

Kinetics of neutralizing antibodies of covid-19 patients tested using clinical d614g, b.1.1.7, and b.1.351 isolates in microneutralization assays

Virtanen, J., Uusitalo, R., Korhonen, E. M., Aaltonen, K., Smura, T., Kuivanen, S., Pakkanen, S. H., Mero, S., Patjas, A., Riekkinen, M., Kantele, A., Nurmi, V., Hedman, K., Hepojoki, J., Sironen, T., Huhtamo, E. & Vapalahti, O., juni 2021, I: *Viruses (Basel)*. 13, 6, 9 s., 996.

A Generic, Scalable, and Rapid Time-Resolved Förster Resonance Energy Transfer-Based Assay for Antigen Detection—SARS-CoV-2 as a Proof of Concept

Rusanen, J., Kareinen, L., Szivovicza, L., Ugurlu, H., Levanov, L., Jääskeläinen, A., Ahava, M. J., Kurkela, S., Saksela, K., Hedman, K., Vapalahti, O. & Hepojoki, J., 18 maj 2021, I: *mBio*. 12, 3, 11 s., e00902-21.

Evaluation of three rapid lateral flow antigen detection tests for the diagnosis of SARS-CoV-2 infection

Jääskeläinen, A. E., Ahava, M. J., Jokela, P., Szivovicza, L., Pohjala, S., Vapalahti, O., Lappalainen, M., Hepojoki, J. & Kurkela, S., apr. 2021, I: *Journal of Clinical Virology*. 137, 4 s., 104785.

Experimental Reptarenavirus Infection of *Boa constrictor* and *Python regius*

Hetzel, U., Korzyukov, Y., Keller, S., Szivovicza, L., Pesch, T., Vapalahti, O., Kipar, A. & Hepojoki, J. M., apr. 2021, I: *Journal of Virology*. 95, 7, 18 s., e01968-20.

A 10-Minute "Mix and Read" Antibody Assay for SARS-CoV-2

Rusanen, J., Kareinen, L., Levanov, L., Mero, S. M., Pakkanen, S. H., Kantele, A., Amanat, F., Krammer, F., Hedman, K., Vapalahti, O. & Hepojoki, J., feb. 2021, I: *Viruses (Basel)*. 13, 2, 12 s., 143.

Molecular rationale for antibody-mediated targeting of the hantavirus fusion glycoprotein

Rissanen, I., Stass, R., Krumm, S. A., Seow, J., Hulswit, R. J. G., Paesen, G. C., Hepojoki, J., Vapalahti, O., Lundkvist, Å., Reynard, O., Volchkov, V., Doores, K. J., Huiskonen, J. T. & Bowden, T. A., 22 dec. 2020, I: *eLife*. 9, 23 s., 58242.

2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyvirales and Mononegavirales

Kuhn, J. H., Adkins, S., Alioto, D., Alkhovsky, S. V., Amarasinghe, G. K., Anthony, S. J., Avsic-Zupanc, T., Ayllon, M. A., Bahl, J., Balkema-Buschmann, A., Ballinger, M. J., Bartonicka, T., Basler, C., Bavari, S., Beer, M., Bente, D. A., Bergeron, E., Bird, B. H., Blair, C., Blasdel, K. R., & 209 andraBradfute, S. B., Breyta, R., Briese, T., Brown, P. A., Buchholz, U. J., Buchmeier, M. J., Bukreyev, A., Burt, F., Buzkan, N., Calisher, C. H., Cao, M., Casas, I., Chamberlain, J., Chandran, K., Charrel, R. N., Chen, B., Chiumenti, M., Choi, I-R., Clegg, J. C. S., Crozier, I., da Graca, J. V., Dal Bo, E., Davila, A. M. R., de la Torre, J. C., de Lamballerie, X., de Swart, R. L., Di Bello, P. L., Di Paola, N., Di Serio, F., Dietzgen, R. G., Digiaro, M., Dolja, V. V., Dolnik, O., Drebot, M. A., Drexler, J. F., Duerrwald, R., Dufkova, L., Dundon, W. G., Duprex, W. P., Dye, J. M., Easton, A. J., Ebihara, H., Elbeaino, T., Ergunay, K., Fernandes, J., Fooks, A. R., Formenty, P. B. H., Forth, L. F., Fouchier, R. A. M., Freitas-Astua, J., Gago-Zachert, S., Gao, G. F., Garcia, M. L., Garcia-Sastre, A., Garrison, A. R., Gbakima, A., Goldstein, T., Gonzalez, J-P. J., Griffiths, A., Groschup, M. H., Guenther, S., Guterres, A., Hall, R. A., Hammond, J., Hassan, M., Hepojoki, J., Hepojoki, S., Hetzel, U., Hewson, R., Hoffmann, B., Hongo, S., Hoepfer, D., Horie, M., Hughes, H. R., Hyndman, T. H., Jambai, A., Jardim, R., Jiang, D., Jin, Q., Jonson, G. B., Junglen, S., Karadag, S., Keller, K. E., Klempa, B., Klingstrom, J., Kobinger, G., Kondo, H., Koonin, E. V., Krupovic, M., Kurath, G., Kuzmin, I. V., Laenen, L., Lamb, R. A., Lambert, A. J., Langevin, S. L., Lee, B., Lemos, E. R. S., Leroy, E. M., Li, D., Li, J., Liang, M., Liu, W., Liu, Y., Lukashevich, I. S., Maes, P., Marciel de Souza, W., Marklewitz, M., Marshall, S. H., Martelli, G. P., Martin, R. R., Marzano, S-Y. L., Massart, S., McCauley, J. W., Mielke-Ehret, N., Minafra, A., Minutolo, M., Mirazimi, A., Muehlbach, H-P., Muhlberger, E., Naidu, R., Natsuaki, T., Navarro, B., Navarro, J. A., Netesov, S. V., Neumann, G., Nowotny, N., Nunes, M. R. T., Nylund, A., Okland, A. L., Oliveira, R. C., Palacios, G., Pallas, V., Palyi, B., Papa, A., Parrish, C. R., Pauvolid-Correa, A., Paweska, J. T., Payne, S., Perez, D. R., Pfaff, F., Radoshitzky, S. R., Rahman, A., Ramos-Gonzalez, P. L., Resende, R. O., Reyes, C. A., Rima, B. K., Romanowski, V., Robles Luna, G., Rota, P., Rubbenstroth, D., Runstadler, J. A., Ruzek, D., Sabanadzovic, S., Salat, J., Sall, A. A., Salvato, M. S., Sarpkaya, K.,

Sasaya, T., Schwemmler, M., Shabbir, M. Z., Shi, X., Shi, Z., Shirako, Y., Simmonds, P., Sirmarova, J., Sironi, M., Smither, S., Smura, T., Song, J.-W., Spann, K. M., Spengler, J. R., Stenglein, M. D., Stone, D. M., Strakova, P., Takada, A., Tesh, R. B., Thornburg, N. J., Tomonaga, K., Tordo, N., Towner, J. S., Turina, M., Tzanetakis, I., Ulrich, R. G., Vaira, A. M., van den Hoogen, B., Varsani, A., Vasilakis, N., Verbeek, M., Wahl, V., Walker, P. J., Wang, H., Wang, J., Wang, X., Wang, L.-F., Wei, T., Wells, H., Whitfield, A. E., Williams, J. V., Wolf, Y. I., Wu, Z., Yang, X., Yang, X., Yu, X., Yutin, N., Zerbini, F. M., Zhang, T., Zhang, Y.-Z., Zhou, G. & Zhou, X., dec. 2020, I: Archives of Virology. 165, 12, s. 3023–3072 50 s.

Neuropilin-1 facilitates SARS-CoV-2 cell entry and infectivity

Cantuti-Castelvetri, L., Ojha, R., Pedro, L. D., Djannatian, M., Franz, J., Kuivanen, S., van der Meer, F., Kallio, K., Kaya, T., Anastasina, M., Smura, T., Levanov, L., Szirovicza, L., Tobi, A., Kallio-Kokko, H., Österlund, P., Joensuu, M., Meunier, F. A., Butcher, S. J., Winkler, M. S., & 9 andraMollenhauer, B., Helenius, A., Gokce, O., Teesalu, T., Hepojoki, J., Vapalahti, O., Stadelmann, C., Balistreri, G. & Simons, M., 13 nov. 2020, I: Science. 370, 6518, 40 s.

Serpentoviruses: More than Respiratory Pathogens

Dervas, E., Hepojoki, J., Smura, T., Prähäuser, B., Windbichler, K., Blümich, S., Ramis, A., Hetzel, U. & Kipar, A., sep. 2020, I: Journal of Virology. 94, 18, 18 s., ARTN e00649-20.

Systems-Level Immunomonitoring from Acute to Recovery Phase of Severe COVID-19

Rodriguez, L., Pekkarinen, P., Lakshmikanth, T., Tan, Z., Rosat Consiglio, C., Pou, C., Chen, Y., Habimana Mugabo, C., Nguyen, N. A., Nowlan, K., Strandin, T., Levanov, L., Mikes, J., Wang, J., Kantele, A., Hepojoki, J., Vapalahti, O., Heinonen, S., Kekäläinen, E. & Brodin, P., 25 aug. 2020, I: Cell Reports Medicine. 1, 5, 17 s., 100078.

A serological assay to detect SARS-CoV-2 seroconversion in humans

Amanat, F., Stadlbauer, D., Strohmeier, S., Nguyen, T. H. O., Chromikova, V., McMahon, M., Jiang, K., Arunkumar, G. A., Jurczynski, D., Polanco, J., Bermudez-Gonzalez, M., Kleiner, G., Aydiillo, T., Miorin, L., Fierer, D. S., Lugo, L. A., Kojic, E. M., Stoeber, J., Liu, S. T. H., Cunningham-Rundles, C., & 10 andraFelgner, P. L., Moran, T., Garcia-Sastre, A., Caplivski, D., Cheng, A. C., Kedzierska, K., Vapalahti, O., Hepojoki, J. M., Simon, V. & Krammer, F., juli 2020, I: Nature Medicine. 26, 7, s. 1033–+ 12 s.

Identification of Reptarenaviruses, Hartmanviruses, and a Novel Chuvirus in Captive Native Brazilian Boa Constrictors with Boid Inclusion Body Disease

BIBD Grp, Argent, F. F., Hepojoki, J., Smura, T., Szirovicza, L., Hammerschmitt, M. E., Driemeier, D., Kipar, A. & Hetzel, U., juni 2020, I: Journal of Virology. 94, 11, 19 s., e00001-20.

Snake Deltavirus Utilizes Envelope Proteins of Different Viruses To Generate Infectious Particles

Szirovicza, L., Hetzel, U., Kipar, A., Martinez-Sobrido, L., Vapalahti, O. & Hepojoki, J., 28 apr. 2020, I: mBio. 11, 2, 19 s., e03250-19.

Differences in Tissue and Species Tropism of Reptarenavirus Species Studied by Vesicular Stomatitis Virus Pseudotypes

Korzyukov, Y., Iheozor-Ejiofor, R., Levanov, L., Smura, T., Hetzel, U., Szirovicza, L., de la Torre, J. C., Martinez-Sobrido, L., Kipar, A., Vapalahti, O. & Hepojoki, J., apr. 2020, I: Viruses (Basel). 12, 4, 16 s., 395.

Orthohantavirus Isolated in Reservoir Host Cells Displays Minimal Genetic Changes and Retains Wild-Type Infection Properties

Strandin, T., Smura, T., Ahola, P., Aaltonen, K., Sironen, T., Hepojoki, J., Eckerle, I., Ulrich, R. G., Vapalahti, O., Kipar, A. & Forbes, K. M., apr. 2020, I: Viruses (Basel). 12, 4, 14 s., 457.

Serological and molecular findings during SARS-CoV-2 infection: the first case study in Finland, January to February 2020

Haveri, A., Smura, T., Kuivanen, S., Österlund, P., Hepojoki, J., Ikonen, N., Pitkäpaasi, M., Blomqvist, S., Rönkkö, E., Kantele, A., Strandin, T., Kallio-Kokko, H., Mannonen, L., Lappalainen, M., Broas, M., Jiang, M., Siira, L., Salminen, M., Puumalainen, T., Sane, J., & 3 andraMelin, M., Vapalahti, O. & Savolainen-Kopra, C., 19 mars 2020, I: Eurosurveillance. 25, 11, s. 16-21 6 s., 2000266.

LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection

Rusanen, J., Toivonen, A., Hepojoki, J., Hepojoki, S., Arikoski, P., Heikkinen, M., Vaarala, O., Ilonen, J. & Hedman, K., 29 nov. 2019, I: PLoS One. 14, 11, 12 s., e0225851.

Antibody response in snakes with boid inclusion body disease

Windbichler, K., Michalopoulou, E., Palamides, P., Pesch, T., Jelinek, C., Vapalahti, O., Kipar, A., Hetzel, U. & Hepojoki, J., 9 sep. 2019, I: PLoS One. 14, 9, 28 s., e0221863.

Urine and Free Immunoglobulin Light Chains as Analytes for Serodiagnosis of Hantavirus Infection

Hepojoki, S., Kareinen, L., Strandin, T., Vaeheri, A., Holthöfer, H., Mustonen, J., Mäkelä, S., Hedman, K., Vapalahti, O. & Hepojoki, J., sep. 2019, I: Viruses (Basel). 11, 9, 14 s., 809.

ICTV Virus Taxonomy Profile: Arenaviridae

ICTV Report Consortium, Radoshitzky, S. R., Buchmeier, M. J., Charrel, R. N., Hepojoki, J. & de la Torre, J. C., aug. 2019, I: Journal of General Virology. 100, 8, s. 1200-1201 2 s.

Immunoassay for serodiagnosis of Zika virus infection based on time-resolved Förster resonance energy transfer

Kareinen, L., Hepojoki, S., Huhtamo, E., Korhonen, E. M., Schmidt-Chanasit, J., Hedman, K., Hepojoki, J. & Vapalahti, O., 23 juli 2019, I: PLoS One. 14, 7, s. e0219474 13 s., 0219474.

Detection of novel tick-borne pathogen, Alongshan virus, in Ixodes ricinus ticks, south-eastern Finland, 2019

Kuivanen, S., Levanov, L., Kareinen, L., Sironen, T., Jääskeläinen, A. J., Plyusnin, I., Zakham, F., Emmerich, P., Schmidt-Chanasit, J., Hepojoki, J., Smura, T. & Vapalahti, O., 4 juli 2019, I: Eurosurveillance. 24, 27, s. 9-16 8 s., 1900394.

Taxonomy of the order Bunyvirales: update 2019

Abudurexiti, A., Adkins, S., Alioto, D., Alkhovsky, S. V., Avsic-Zupanc, T., Ballinger, M. J., Bente, D. A., Beer, M., Bergeron, E., Blair, C. D., Briese, T., Buchmeier, M. J., Burt, F. J., Calisher, C. H., Chang, C., Charrel, R. N., Choi, I. R., Clegg, J. C. S., de la Torre, J. C., de Lamballerie, X., & 83 andraDeng, F., Di Serio, F., Digiaro, M., Drobot, M. A., Duan, X., Ebihara, H., Elbeaino, T., Ergunay, K., Fulhorst, C. F., Garrison, A. R., Gao, G. F., Gonzalez, J-P. J., Groschup, M. H., Guenther, S., Haenni, A-L., Hall, R. A., Hepojoki, J., Hewson, R., Hu, Z., Hughes, H. R., Jonson, M. G., Junglen, S., Klempa, B., Klingstrom, J., Kou, C., Laenen, L., Lambert, A. J., Langevin, S. A., Liu, D., Lukashevich, I. S., Luo, T., Lu, C., Maes, P., de Souza, W. M., Marklewitz, M., Martelli, G. P., Matsuno, K., Mielke-Ehret, N., Minutolo, M., Mirazimi, A., Moming, A., Muehlbach, H-P., Naidu, R., Navarro, B., Teixeira Nunes, M. R., Palacios, G., Papa, A., Pauvolid-Correa, A., Paweska, J. T., Qiao, J., Radoshitzky, S. R., Resende, R. O., Romanowski, V., Sall, A. A., Salvato, M. S., Sasaya, T., Shen, S., Shi, X., Shirako, Y., Simmonds, P., Sironi, M., Song, J-W., Spengler, J. R., Stenglein, M. D., Su, Z., Sun, S., Tang, S., Turina, M., Wang, B., Wang, C., Wang, H., Wang, J., Wei, T., Whitfield, A. E., Zerbini, F. M., Zhang, J., Zhang, L., Zhang, Y., Zhang, Y-Z., Zhang, Y., Zhou, X., Zhu, L. & Kuhn, J. H., juli 2019, I: Archives of Virology. 164, 7, s. 1949-1965 17 s.

Identification of a Novel Deltavirus in Boa Constrictors

Hetzel, U., Szivovicza, L., Smura, T., Prahauer, B., Vapalahti, O., Kipar, A. & Hepojoki, J., 2019, I: mBio. 10, 2, 8 s., ARTN e00014-19.

Characterization of Haartman Institute snake virus-1 (HISV-1) and HISV-like viruses-The representatives of genus Hartmanivirus, family Arenaviridae

Hepojoki, J., Hepojoki, S., Smura, T., Szivovicza, L., Dervas, E., Prahauer, B., Nufer, L., Schraner, E. M., Vapalahti, O., Kipar, A. & Hetzel, U., nov. 2018, I: PLoS Pathogens. 14, 11, 29 s., 1007415.

Galectin-3-binding protein: A multitask glycoprotein with innate immunity functions in viral and bacterial infections

Loimaranta, V., Hepojoki, J., Laaksoaho, O. & Pulliainen, A. T., okt. 2018, I: Journal of Leukocyte Biology. 104, 4, s. 777-786 10 s.

Taxonomy of the family Arenaviridae and the order Bunyvirales: update 2018

Maes, P., Alkhovsky, S. V., Bao, Y., Beer, M., Birkhead, M., Briese, T., Buchmeier, M. J., Calisher, C. H., Charrel, R. N., Choi, I. R., Clegg, C. S., de la Torre, J. C., Delwart, E., DeRisi, J. L., Di Bello, P. L., Di Serio, F., Digiaro, M., Dolja, V. V., Drosten, C., Druciarek, T. Z., & 79 andraDu, J., Ebihara, H., Elbeaino, T., Gergerich, R. C., Gillis, A. N., Gonzalez, J-P. J., Haenni, A-L., Hepojoki, J., Hetzel, U., Thien Ho, Ni Hong, Jain, R. K., van Vuren, P. J., Jin, Q., Jonson, M. G., Junglen, S., Keller, K. E., Kemp, A., Kipar, A., Kondov, N. O., Koonin, E. V., Kormelink, R., Korzyukov, Y., Krupovic, M., Lambert, A. J., Laney, A. G., LeBreton, M., Lukashevich, I. S., Marklewitz, M., Markotter, W., Martelli, G. P., Martin, R. R., Mielke-Ehret, N., Muehlbach, H-P., Navarro, B., Ng, T. F. F., Teixeira Nunes, M. R., Palacios, G., Paweska, J. T., Peters, C. J., Plyusnin, A., Radoshitzky, S. R., Romanowski, V., Salmenperä, P., Salvato, M. S., Sanfacon, H., Sasaya, T., Schmaljohn,

C., Schneider, B. S., Shirako, Y., Siddell, S., Sironen, T. A., Stenglein, M. D., Storm, N., Sudini, H., Tesh, R. B., Tzanetakis, I. E., Uppala, M., Vapalahti, O., Vasilakis, N., Walker, P. J., Wang, G., Wang, L., Wang, Y., Wei, T., Wiley, M. R., Wolf, Y. I., Wolfe, N. D., Wu, Z., Xu, W., Yang, L., Yang, Z., Yeh, S-D., Zhang, Y-Z., Zheng, Y., Zhou, X., Zhu, C., Zirkel, F. & Kuhn, J. H., aug. 2018, I: Archives of Virology. 163, 8, s. 2295-2310 16 s.

Nidovirus-Associated Proliferative Pneumonia in the Green Tree Python (*Morelia viridis*)

Dervas, E., Hepojoki, J., Laimbacher, A., Romero-Palomo, F., Jelinek, C., Keller, S., Smura, T., Hepojoki, S., Kipar, A. & Hetzel, U., nov. 2017, I: Journal of Virology. 91, 21, 21 s., UNSP e00718-17.

Structural Transitions of the Conserved and Metastable Hantaviral Glycoprotein Envelope

Rissanen, I., Stass, R., Zeltina, A., Li, S., Hepojoki, J., Harlos, K., Gilbert, R. J. C., Huiskonen, J. T. & Bowden, T. A., nov. 2017, I: Journal of Virology. 91, 21, 11 s., UNSP e00378-17.

Co-infecting Reptarenaviruses Can Be Vertically Transmitted in Boa Constrictor

Keller, S., Hetzel, U., Sironen, T., Korzyukov, Y., Vapalahti, O., Kipar, A. & Hepojoki, J., jan. 2017, I: PLoS Pathogens. 13, 1, 21 s., 1006179.

Large-Scale Screening of Preferred Interactions of Human Src Homology-3 (SH3) Domains Using Native Target Proteins as Affinity Ligands

Kazlauskas, A., Schmotz, C., Kesti, T., Hepojoki, J., Kleino, I., Kaneko, T., Li, S. S. C. & Saksela, K., okt. 2016, I: Molecular & Cellular Proteomics. 15, 10, s. 3270-3281 12 s.

Mapping of human B-cell epitopes of Sindbis virus

Adouchief, S., Smura, T., Vapalahti, O. & Hepojoki, J., sep. 2016, I: Journal of General Virology. 97, 9, s. 2243-2254 12 s.

Generation of Anti-Boa Immunoglobulin Antibodies for Serodiagnostic Applications, and Their Use to Detect Anti-Reptarenavirus Antibodies in Boa Constrictor

Korzyukov, Y., Hetzel, U., Kipar, A., Vapalahti, O. & Hepojoki, J., 29 juni 2016, I: PLoS One. 11, 6, 15 s., 0158417.

Interferons Induce STAT1-Dependent Expression of Tissue Plasminogen Activator, a Pathogenicity Factor in Puumala Hantavirus Disease

Strandin, T., Hepojoki, J., Laine, O., Makela, S., Klingstrom, J., Lundkvist, A., Julkunen, I., Mustonen, J. & Vaheri, A., 15 maj 2016, I: Journal of Infectious Diseases. 213, 10, s. 1632-1641 10 s.

A Molecular-Level Account of the Antigenic Hantaviral Surface

Li, S., Rissanen, I., Zeltina, A., Hepojoki, J., Raghwani, J., Harlos, K., Pybus, O. G., Huiskonen, J. T. & Bowden, T. A., 3 maj 2016, I: Cell Reports. 15, 5, s. 959-967 9 s.

Vaccinia virus-free rescue of fluorescent replication-defective vesicular stomatitis virus and pseudotyping with Puumala virus glycoproteins for use in neutralization tests

Iheozor-Ejiofor, R. P., Levanov, L., Hepojoki, J., Strandin, T., Lundkvist, A., Plyusnin, A. & Vapalahti, O., maj 2016, I: Journal of General Virology. 97, s. 1052-1059 8 s.

Arenavirus Coinfections Are Common in Snakes with Boid Inclusion Body Disease

Hepojoki, J., Salmenpera, P., Sironen, T., Hetzel, U., Korzyukov, Y., Kipar, A. & Vapalahti, O., aug. 2015, I: Journal of Virology. 89, 16, s. 8657-8660 4 s.

Competitive Homogeneous Immunoassay for Rapid Serodiagnosis of Hantavirus Disease

Hepojoki, S., Rusanen, J., Hepojoki, J., Nurmi, V., Vaheri, A., Lundkvist, A., Hedman, K. & Vapalahti, O., juli 2015, I: Journal of Clinical Microbiology. 53, 7, s. 2292-2297 6 s.

Serological survey of Seewis virus antibodies in patients suspected for hantavirus infection in Finland; a cross-reaction between Puumala virus antiserum with Seewis virus N protein?

Ling, J., Vaheri, A., Hepojoki, S., Levanov, L., Jaaskelainen, A., Henttonen, H., Vapalahti, O., Sironen, T. & Hepojoki, J., juli 2015, I: Journal of General Virology. 96, s. 1664-1675 12 s.

Preferred SH3 Domain Partners of ADAM Metalloproteases Include Shared and ADAM-Specific SH3 Interactions

Kleino, I., Jarviluoma, A., Hepojoki, J., Huovila, A. P. & Saksela, K., 31 mars 2015, I: PLoS One. 10, 3, 19 s., 0121301.

Rapid Homogeneous Immunoassay Based on Time-Resolved Forster Resonance Energy Transfer for Serodiagnosis of Acute Hantavirus Infection

Hepojoki, S., Hepojoki, J., Hedman, K., Vapalahti, O. & Vaheri, A., feb. 2015, I: Journal of Clinical Microbiology. 53, 2, s. 636-640 5 s.

Replication of Boid Inclusion Body Disease-Associated Arenaviruses Is Temperature Sensitive in both Boid and Mammalian Cells

Hepojoki, J., Kipar, A., Korzyukov, Y., Bell-Sakyi, L., Vapalahti, O. & Hetzel, U., jan. 2015, I: Journal of Virology. 89, 2, s. 1119-1128 10 s.

The fundamental role of endothelial cells in hantavirus pathogenesis

Hepojoki, J., Vaheri, A. & Strandin, T., 22 dec. 2014, I: Frontiers in Microbiology. 5, 7 s., 727.

Acute hantavirus infection induces galectin-3-binding protein

Hepojoki, J., Strandin, T., Hetzel, U., Sironen, T., Klingstrom, J., Sane, J., Mäkelä, S., Mustonen, J., Meri, S., Lundkvist, Å., Vapalahti, O., Lankinen, H. & Vaheri, A., nov. 2014, I: Journal of General Virology. 95, 11, s. 2356-2364 9 s.

A Protein L -Based Immunodiagnostic Approach Utilizing Time-Resolved Forster Resonance Energy Transfer

Hepojoki, S., Nurmi, V., Vaheri, A., Hedman, K., Vapalahti, O. & Hepojoki, J., 2 sep. 2014, I: PLoS One. 9, 9, 8 s., 106432.

Identification of linear human B-cell epitopes of tick-borne encephalitis virus

Kuivanen, S., Hepojoki, J., Vene, S., Vaheri, A. & Vapalahti, O., 19 juni 2014, I: Virology Journal. 11, 9 s., 115.

Reply to "Updated Phylogenetic Analysis of Arenaviruses Detected in Boid Snakes"

Hetzel, U., Sironen, T., Laurinmäki, P., Liljeroos, L., Patjas, A., Henttonen, H., Vaheri, A., Artelt, A., Kipar, A., Butcher, S. J., Vapalahti, O. & Hepojoki, J., jan. 2014, I: Journal of Virology. 88, 2, s. 1401-1401 1 s.

Analysis of Potato virus Y Coat Protein Epitopes Recognized by Three Commercial Monoclonal Antibodies

Tian, Y-P., Hepojoki, J., Ranki, H., Lankinen, H. & Valkonen, J. P. T., 2014, I: PLoS One. 9, 12, 20 s., 0115766.

Isolation, Identification, and Characterization of Novel Arenaviruses, the Etiological Agents of Boid Inclusion Body Disease

Hetzel, U., Sironen, T., Laurinmäki, P., Liljeroos, L., Patjas, A., Henttonen, H., Vaheri, A., Artelt, A., Kipar, A., Butcher, S. J., Vapalahti, O. & Hepojoki, J., okt. 2013, I: Journal of Virology. 87, 20, s. 10918-10935 18 s.

Uncovering the mysteries of hantavirus infections

Vaheri, A., Strandin, T., Hepojoki, J., Sironen, T., Henttonen, H., Makela, S. & Mustonen, J., aug. 2013, I: Nature Reviews, Microbiology. 11, 8, s. 539-550 12 s.

Time-Resolved FRET -Based Approach for Antibody Detection - A New Serodiagnostic Concept

Saraheimo, S., Hepojoki, J., Nurmi, V., Lahtinen, A., Hemmila, I., Vaheri, A., Vapalahti, O. & Hedman, K., 7 maj 2013, I: PLoS One. 8, 5, s. Article Number: e62739 11 s.

Cytoplasmic tails of bunyavirus Gn glycoproteins-Could they act as matrix protein surrogates?

Strandin, T., Hepojoki, J. & Vaheri, A., 15 mars 2013, I: Virology. 437, 2, s. 73-80 8 s.

Hantavirus structure - molecular interactions behind the scene

Hepojoki, J., Strandin, T., Lankinen, H. & Vaheri, A., 2012, I: Journal of General Virology. 93, s. 1631-1644 14 s.

Glycoprotein Interactions in the Assembly of Hantaviruses

Hepojoki, J., 27 nov. 2011, Helsinki: Helsingin yliopisto. 86 s.

Inactivation of hantaviruses by N-ethylmaleimide preserves virion integrity

Strandin, T., Hepojoki, J., Wang, H., Vaheri, A. & Lankinen, H., 2011, I: Journal of General Virology. 92, 5, s. 1189-1198
10 s.

The cytoplasmic tail of hantavirus Gn glycoprotein interacts with RNA

Strandin, T., Hepojoki, J., Wang, H., Vaheri, A. & Lankinen, H., 2011, I: Virology. 418, 1, s. 12-20 9 s.

Cytoplasmic tails of hantavirus glycoproteins interact with the nucleocapsid protein

Hepojoki, J., Strandin, T., Wang, H., Vapalahti, O., Vaheri, A. & Lankinen, H., 2010, I: Journal of General Virology. 91, 9, s. 2341-2350 10 s.

Electron Cryotomography of Tula Hantavirus Suggests a Unique Assembly Paradigm for Enveloped Viruses

Huiskonen, J. T., Hepojoki, J., Laurinmaki, P., Vaheri, A., Lankinen, H., Butcher, S. J. & Gruenewald, K., 2010, I: Journal of Virology. 84, 10, s. 4889-4897 9 s.

Interactions and Oligomerization of Hantavirus Glycoproteins

Hepojoki, J., Strandin, T., Vaheri, A. & Lankinen, H., 2010, I: Journal of Virology. 84, s. 227-242 16 s.

Degradation and aggresome formation of the Gn tail of the apathogenic Tula hantavirus

Wang, H., Strandin, T., Hepojoki, J., Lankinen, H. & Vaheri, A., 2009, I: Journal of General Virology. 90, 12, s. 2995-3001
7 s.

Hantaviruses and TNF-alpha act synergistically to induce ERK1/2 inactivation in Vero E6 cells

Strandin, T., Hepojoki, J., Wang, H., Vaheri, A. & Lankinen, H., 2008, I: Virology Journal. 5, 110, 9 s

Improvement of binding of Puumala virus neutralization site resembling peptide with a second-generation phage library

Heiskanen, T., Li, X-D., Hepojoki, J., Gustafsson, E., Lundkvist, Å., Vaheri, A. & Lankinen, H., juni 2003, I: Protein Engineering. 16, 6, s. 443-450 8 s.

Aktiviteter

8th European Meeting on Viral Zoonoses, St. Raphael, France

Jussi Hepojoki (!!Speaker)
22 okt. 2017 → 25 okt. 2017

Annual Finnish Virology Days, 2017, Jyväskylä, Finland

Jussi Hepojoki (!!Speaker)
14 mars 2017 → 15 mars 2017

Virus-cell interactions 2015, Seili, Finland

Jussi Hepojoki (!!Speaker)
17 aug. 2015 → 19 aug. 2015

Vetsuisse Faculty, University of Zürich

Jussi Hepojoki (Besökande forskare)
9 nov. 2014 → 5 dec. 2014

Virus-cell interactions 2014, Seili, Finland

Jussi Hepojoki (!!Speaker)
18 aug. 2014 → 20 aug. 2014

Saskia Keller

Jussi Hepojoki (Värd)

23 juni 2014 → 13 aug. 2014

7th European Meeting on Viral Zoonoses, St.Raphael, France

Jussi Hepojoki (!!Speaker)

24 maj 2014 → 27 maj 2014

University of Oxford

Jussi Hepojoki (Besökande forskare)

9 feb. 2014 → 10 feb. 2014

Annual Finnish Virology Days, 2014, Helsinki, Finland

Jussi Hepojoki (Talare: Presentation)

2014

IX International conference on HFRS, HPS & hantaviruses, 2013, Beijing, China

Jussi Hepojoki (Talare: Presentation)

2013

6th European Meeting on Viral Zoonoses, 2011, St. Raphaël, France

Jussi Hepojoki (Talare: Presentation)

2011

Annual Finnish Virology Days, 2011, Jyväskylä, Finland

Jussi Hepojoki (Talare: Presentation)

2011

The 10th Finnish Peptide Symposium, 2011, Tahkovouri, Finland

Jussi Hepojoki (Talare: Presentation)

2011

Annual Finnish Virology Days, 2010, Turku, Finland

Jussi Hepojoki (Talare: Presentation)

2010

5th European Meeting on Viral Zoonoses, 2009, St. Raphaël, France

Jussi Hepojoki (Talare: Presentation)

2009

Max Planck Institute of Biochemistry

Jussi Hepojoki (Besökande forskare)

2009

Annual Finnish Virology Days / ESCV, Clinical Virology Annual Meeting, 2008, Saariselkä, Finland

Jussi Hepojoki (Talare: Presentation)

2008

Annual Finnish Virology Days, 2006, Tampere, Finland

Jussi Hepojoki (Talare: Presentation)

2006

GBF (Gesellschaft für Biotechnologische Forschung)

Jussi Hepojoki (Besökande forskare)

10 juli 2005 → 22 juli 2005

Nordic Viral Zoonoses Meeting, 2005, Öland, Sweden

Jussi Hepojoki (Talare: Presentation)

2005

Projekt**BIGMAC: Bioinspired inorganic nanoparticles-based mRNA antiviral vaccines**

Hepojoki, J. & Ojha, R. K.

Suomen Akatemia Projektilaskutus

01/09/2023 → 31/08/2027

Erkon säätiö Hepojoki 2022-2027

Hepojoki, J., Sander, W. J., Szirovicza, L. & Timin, E. A.

Jane ja Aatos Erkon säätiö

01/09/2022 → 31/08/2027

Juselius, Hepojoki 2022-2026

Hepojoki, J., Ekström, E. J., Sander, W. J. & Szirovicza, L.

Sigrid Juseliuksen Säätiö

01/09/2022 → 31/08/2026