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Meritförteckning

Positions of trust at external institutions

Board Member, Biocenter Finland

Member of Advisory Committee, worldwide Protein Data Bank (wwPDB)

Member of the Scientific Advisory Committee, Molecular and Cellular Structure cluster, EMBL-EBI

Positions of trust at the University of Helsinki

Viikki Campus Cooperation Committee, deputy member

Member of HiLIFE management team

Member of Thriving Nature (PROFI5) steering group

Member of UHBRAIN (PROFI6) steering group

Kvalifikationer

Title of Associate Professor, University of Oxford
Tilldelningsdatum: 26 mars 2015

Title of Docent in Molecular Virology, Helsingfors universitet
Tilldelningsdatum: 13 maj 2014

Title of University Research Lecturer, University of Oxford
Tilldelningsdatum: 1 jan. 2014

Genetics, Doctor of Philosophy (PhD), University of Helsinki
Tilldelningsdatum: 25 jan. 2006

Genetics, Master of Science (MSc), University of Helsinki
Tilldelningsdatum: 23 feb. 2001

Anställning

direktör

Institutet för bioteknik
Helsingfors universitet
Helsinki, Finland
1 sep. 2020 → present

professor

Forskningsprogrammet för molekylära och integrativa biovetenskaper
Helsingfors universitet
Finland
1 juni 2021 → present

Honorary Visiting Research Fellow

University of Oxford
Storbritannien
1 apr. 2020 → present

Tutkimusryhmän johtaja

University of Oxford
Oxford, Storbritannien
1 jan. 2015 → 31 mars 2020

Akatemiatutkija

University of Oxford
Oxford, Storbritannien
1 jan. 2010 → 31 dec. 2014

Forskningsoutput

Immunogenic recombinant Mayaro virus-like particles present natively assembled glycoprotein

Kim, Y. C., Watanabe, Y., Arlen-Celina, L., Song, X., Souza, R. D. O., Stass, R., Azar, S. R., Rossi, S. L., Claser, C., Kuemmerer, B. M., Crispin, M., Bowden, T. A., Huiskonen, J. T. & Reyes-Sandoval, A., 17 dec. 2024, I: npj vaccines. 9, 1, 13 s., 243.

Structural characterization and epitope mapping of the AAVX affinity purification ligand

Mietzsch, M., Kamat, M., Basso, K., Chipman, P., Huiskonen, J. T. & McKenna, R., 12 dec. 2024, I: Molecular therapy-Methods & clinical development. 32, 4, 5 s., 101377.

The Structure of Spiroplasma Virus 4: Exploring the Capsid Diversity of the Microviridae

Mietzsch, M., Kailasan, S., Bennett, A., Chipman, P., Fane, B., Huiskonen, J. T., Clarke, I. N. & McKenna, R., juli 2024, I: Viruses. 16, 7, 17 s., 1103.

Community recommendations on cryoEM data archiving and validation

Kleywegt, G. J., Adams, P. D., Butcher, S. J., Lawson, C., Rohou, A., Rosenthal, P. B., Subramaniam, S., Topf, M., Abbott, S., Baldwin, P. R., Berrisford, J. M., Bricogne, G., Choudhary, P., Croll, T. I., Danev, R., Ganesan, S. J., Grant, T., Gutmanas, A., Henderson, R. & Heymann, J. B. och 27 andra, Huiskonen, J. T., Istrate, A., Kato, T., Lander, G. C., Lok, S.-M., Ludtke, S. J., Murshudov, G. N., Pye, R., Pintilie, G. D., Richardson, J. S., Sachse, C., Salih, O., Scheres, S. H. W., Schroeder, G. F., Sorzano, C. O. S., Stagg, S. M., Wang, Z., Warshamanage, R., Westbrook, J. D., Winn, M. D., Young, J. Y., Burley, S. K., Hoch, J. C., Kurisu, G., Morris, K., Patwardhan, A. & Velankar, S., mars 2024, I: IUCrJ. . 11, Part 2, s. 140-151 12 s.

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., e0419922.

Structure and interactions of the endogenous human Commander complex

Laulumaa, S., Kumpula, E. P., Huiskonen, J. T. & Varjosalo, M., 2024, I: Nature Structural and Molecular Biology. 31, s. 925-938 13 s.

Molecular view of ER membrane remodeling by the Sec61/TRAP translocon

Karki, S., Javanainen, M., Rehan, S., Tranter, D., Kellosoalo, J., Huiskonen, J., Happonen, L. J. & Paavilainen, V., 20 nov. 2023, I: EMBO Reports. 24, 16 s., e57910.

DNA-origami-directed virus capsid polymorphism

Seitz, I., Saarinen, S., Kumpula, E. P., McNeale, D., Anaya-Plaza, E., Lampinen, V., Hytönen, V. P., Sainsbury, F., Cornelissen, J. J. L. M., Linko, V., Huiskonen, J. T. & Kostianen, M. A., okt. 2023, I: *Nature Nanotechnology*. 18, 10, s. 1205–1212

Global analysis of aging-related protein structural changes uncovers enzyme-polymerization-based control of longevity

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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. och 3 andra, Huiskonen, J. T., Rissanen, I. & Saksela, K., 24 mars 2023, I: *Nature Communications*. 14, 1, 12 s., 1637.

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Kovaleva, V., Yu, L.-Y., Ivanova, L., Shpironok, O., Nam, J., Eesmaa, A., Kumpula, E.-P., Sakson, S., Toots, U., Ustav, M., Huiskonen, J. T., Voutilainen, M. H., Lindholm, P., Karelson, M. & Saarma, M., 28 feb. 2023, I: *Cell Reports*. 42, 2, 31 s., 112066.

Structural basis underlying specific biochemical activities of non-muscle tropomyosin isoforms

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Proteiinien rakennemuutosten kartoittaminen paljastaa, miten solut ikääntyvät

Paukštytė, J., López Cabezas, R. M., Feng, Y., Tong, K., Schnyder, D., Elomaa, E., Gregorova, P., Doudin, M., Särkkä, M., Sarameri, J., Lippi, A., Vihinen, H., Juutila, J., Nieminen, A., Törönen, P., Holm, L., Jokitalo, E., Krisko, A., Huiskonen, J. & Sarin, L. P. och 4 andra, Hietakangas, V., Picotti, P., Barral, Y. & Saarikangas, J., 2023, I: *Duodecim*. 139, 19, s. 1575 1 s.

Signal peptide mimicry primes Sec61 for client-selective inhibition

Rehan, S., Tranter, D., Sharp, P. P. P., Craven, G. B. B., Lowe, E., Anderl, J. L. L., Muchamuel, T., Abrishami, V., Kuivanen, S., Wenzell, N. A. A., Jennings, A., Kalyanaraman, C., Strandin, T., Javanainen, M., Vapalahti, O., Jacobson, M. P. P., McMinn, D., Kirk, C. J., Huiskonen, J. T. & Taunton, J. och 1 andra, Paavilainen, V. O., 2023, I: *Nature Chemical Biology*. 19, s. 1054–1062 27 s.

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Structure of a Cell Entry Defective Human Adenovirus Provides Insights into Precursor Proteins and Capsid Maturation: Cryo-EM structure of ts1 virion of an adenovirus

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Localized reconstruction in Scipion expedites the analysis of symmetry mismatches in cryo-EM data

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Rissanen, I., Krumm, S. A., Stass, R., Whitaker, A., Voss, J. E., Bruce, E. A., Rothenberger, S., Kunz, S., Burton, D. R., Huiskonen, J. T., Botten, J. W., Bowden, T. A. & Doores, K. J., 2021, I: *mBio*. 12, 4, 15 s., 02531.

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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.

The Hantavirus Surface Glycoprotein Lattice and Its Fusion Control Mechanism

Serris, A., Stass, R., Bignon, E. A., Muena, N. A., Manuguerra, J.-C., Jangra, R. K., Li, S., Chandran, K., Tischler, N. D., Huiskonen, J. T., Rey, F. A. & Guardado-Calvo, P., 15 okt. 2020, I: *Cell*. 183, 2, s. 442-456e16 31 s.

Assessment of Immunogenicity and Efficacy of a Zika Vaccine Using Modified Vaccinia Ankara Virus as Carriers.

López-Camacho, C., Kim, Y. C., Abbink, P., Larocca, R. A., Huiskonen, J. T., Barouch, D. H. & Reyes-Sandoval, A., 2 nov. 2019, I: *Pathogens*. 8, 4, 11 s., E216.

The structural basis of lipid scrambling and inactivation in the endoplasmic reticulum scramblase TMEM16K

Bushell, S. R., Pike, A. C. W., Falzone, M. E., Rorsman, N. J. G., Ta, C. M., Corey, R. A., Newport, T. D., Christianson, J. C., Scofano, L. F., Shintre, C. A., Tessitore, A., Chu, A., Wang, Q., Shrestha, L., Mukhopadhyay, S. M. M., Love, J. D., Burgess-Brown, N. A., Sitsapesan, R., Stansfeld, P. J. & Huiskonen, J. T. och 3 andra, Tammara, P., Accardi, A. & Carpenter, E. P., 2 sep. 2019, I: *Nature Communications*. 10, 16 s., 3956.

Structures of enveloped virions determined by cryogenic electron microscopy and tomography: Advances in Virus Research

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Multiple liquid crystalline geometries of highly compacted nucleic acid in a dsRNA virus

Ilca, S., Sun, X., El Omari, K., Kotecha, A., Haas, F. D., DiMaio, F., Grimes, J. M., Stuart, D. I., Poranen, M. M. & Huiskonen, J. T., 13 juni 2019, I: *Nature*. 570, s. 252-+

Assessment of Immunogenicity and Neutralisation Efficacy of Viral-Vectored Vaccines Against Chikungunya Virus

Lopez-Camacho, C., Kim, Y. C., Blight, J., Moreli, M. L., Montoya-Diaz, E., Huiskonen, J. T., Kuemmerer, B. M. & Reyes-Sandoval, A., apr. 2019, I: *Viruses (Basel)*. 11, 4, 17 s., 322.

Assembly of complex viruses exemplified by a halophilic euryarchaeal virus

De Colibus, L., Roine, E., Walter, T. S., Ilca, S. L., Wang, X., Wang, N., Roseman, A. M., Bamford, D., Huiskonen, J. T. & Stuart, D., 29 mars 2019, I: *Nature Communications*. 10, 9 s., 1456.

The structure of a prokaryotic viral envelope protein expands the landscape of membrane fusion proteins

El Omari, K., Li, S., Kotecha, A., Walter, T. S., Bignon, E., Harlos, K., Somerharju, P., Haas, F. D., Clare, D., Molin, M., Hurtado, F., Li, M., Grimes, J. M., Bamford, D. H., Tischler, N. D., Huiskonen, J. T., Stuart, D. I. & Roine, E., 19 feb. 2019, I: *Nature Communications*. 10, 11 s., 846.

Understanding the structure and role of DNA-PK in NHEJ: How X-ray diffraction and cryo-EM contribute in complementary ways.

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A Protective Monoclonal Antibody Targets a Site of Vulnerability on the Surface of Rift Valley Fever Virus

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Characterization of a potent and highly unusual minimally enhancing antibody directed against dengue virus

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Beyond structures of highly symmetric purified viral capsids by cryo-EM

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Structure of the Lassa virus glycan shield provides a model for immunological resistance

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Mycobacterium tuberculosis CarD, an essential global transcriptional regulator forms amyloid-like fibrils

Kaur, G., Kaundal, S., Kapoor, S., Grimes, J. M., Huiskonen, J. T. & Thakur, K. G., 4 juli 2018, I: Scientific Reports. 8, 13 s., 10124.

Image processing for cryogenic transmission electron microscopy of symmetry-mismatched complexes

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Shielding and activation of a viral membrane fusion protein

Halldorsson, S., Li, S., Li, M., Harlos, K., Bowden, T. A. & Huiskonen, J. T., 24 jan. 2018, I: Nature Communications. 9, 1, 9 s., 349.

Dual Role of a Viral Polymerase in Viral Genome Replication and Particle Self-Assembly

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Unique architecture of thermophilic archaeal virus APBV1 and its genome packaging

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Structures of foot and mouth disease virus pentamers: Insight into capsid dissociation and unexpected pentamer reassociation

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Building bridges between cellular and molecular structural biology

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Kotecha, A., Wang, Q., Dong, X., Ilca, S. L., Ondiviela, M., Zihe, R., Seago, J., Charleston, B., Fry, E. E., Abrescia, N. G. A., Springer, T. A., Huiskonen, J. T. & Stuart, D. I., 23 maj 2017, I: Nature Communications. 8, 8 s., 15408.

Near-atomic structure of Japanese encephalitis virus reveals critical determinants of virulence and stability

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Double-stranded RNA virus outer shell assembly by bona fide domain-swapping

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Molecular insights into lipid-assisted Ca²⁺ regulation of the TRP channel Polycystin-2

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Structure of the polycystic kidney disease TRP channel Polycystin-2 (PC2)

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Structure of a phleboviral envelope glycoprotein reveals a consolidated model of membrane fusion

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Editorial overview: Virus structure and assembly: Virions - from structure and physics to design principles

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A Molecular-Level Account of the Antigenic Hantaviral Surface

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Ilca, S. L., Kotecha, A., Sun, X., Poranen, M. M., Stuart, D. I. & Huiskonen, J. T., 4 nov. 2015, I: Nature Communications. 6, 8 s., 8843.

Structure-based energetics of protein interfaces guides foot-and-mouth disease virus vaccine design

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Structure of the bacteriophage phi6 nucleocapsid solved to 3.9 angstrom resolution using electron cryomicroscopy

Sun, Z., Sun, X., Ilca, S., De Colibus, L., Stuart, D. I., Poranen, M. M. & Huiskonen, J. T., juli 2015, I: The FEBS Journal. 282, S1, s. 51-52 2 s.

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Membrane-containing viruses with icosahedrally symmetric capsids

Huiskonen, J. T. & Butcher, S. J., 2007, I: Current Opinion in Structural Biology. 17, s. 229-236 8 s.

Structure of a hexameric RNA packaging motor in a viral polymerase complex

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Tale of two spikes in bacteriophage PRD1

Huiskonen, J. T., Manole, V. & Butcher, S. J., 2007, I: Proceedings of the National Academy of Sciences of the United States of America. 104, 16, s. 6666-6671 6 s.

Structure of the bacteriophage phi6 nucleocapsid suggests a mechanism for sequential RNA packaging

Huiskonen, J. T., Haas, F. D., Bubeck, D., Bamford, D. H., Fuller, S. D. & Butcher, S. J., 2006, I: Structure. 14, s. 1039-1048 10 s.

Classification and three-dimensional reconstruction of unevenly distributed or symmetry mismatched features of icosahedral particles

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Membrane proteins modulate the bilayer curvature in the bacterial virus Bam35

Laurinmäki, P. A., Huiskonen, J. T., Bamford, D. H. & Butcher, S. J., 2005, I: Structure. 13, 12, s. 1819-1828 10 s.

Structure and assembly of membrane-containing dsDNA bacteriophages

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The structure of the bacteriophage PRD1 spike sheds light on the evolution of viral capsid architecture

Merckel, M. C., Huiskonen, J. T., Bamford, D. H., Goldman, A. & Tuma, R., 2005, I: Molecular Cell. 18, 2, s. 161-170 10 s.

The PM2 virion has a novel organization with an internal membrane and pentameric receptor binding spikes

Huiskonen, J. T., Kivelä, H. M., Bamford, D. H. & Butcher, S. J., 2004, I: Nature Structural and Molecular Biology. 11, s. 850-856 7 s.

Probing the ability of the coat and vertex protein of the membrane-containing bacteriophage PRD1 to display a meningococcal epitope

Huiskonen, J. T., Laakkonen, L., Toropainen, M., Sarvas, M., Bamford, D. H. & Bamford, J. K. H., 2003, I: Virology. 310, 2, s. 267-279 13 s.

Minor proteins, mobile arms and membrane-capsid interactions in the bacteriophage PRD1 capsid

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Aktiviteter

Towards structures of endogenous complexes by cryo-EM

Huiskonen, J. (!!Keynote speaker)
17 okt. 2021

Towards Cryo-EM Structures of Endogenous Complexes

Huiskonen, J. (!!Speaker)
22 jan. 2020

Advances of Cryo-EM in Understanding Macromolecular Structure and Function

Huiskonen, J. (!!Speaker)
29 nov. 2019

Exploring the glycoprotein surface of bunyaviruses

Huiskonen, J. (!!Keynote speaker)
1 okt. 2019

HiLIFE Symposium: Exploring Cellular Complexity by Cryo-EM

Huiskonen, J. (Ordförande)
28 feb. 2019

Activation of a viral membrane fusion protein

Huiskonen, J. (!!!Invited speaker)
11 dec. 2018

Viral dsRNA genome organisation revealed by cryoEM

Huiskonen, J. (!!!Invited speaker)
11 dec. 2018

Shielding and Activation of a Viral Membrane Fusion Protein

Huiskonen, J. (!!!Invited speaker)
25 juni 2018

EMBO Workshop Membrane Fusion in Health and Disease

Huiskonen, J. (Medlem av vetenskaplig kommitté)
24 juni 2018

Shielding and activation of viral membrane fusion proteins

Huiskonen, J. (!!!Invited speaker)
27 feb. 2018

Shielding and Activation of a Viral Membrane Fusion Protein

Huiskonen, J. (!!!Invited speaker)
19 feb. 2018

Insight into viral class II membrane fusion activation by a combined structural biology approach

Huiskonen, J. (!!!Invited speaker)
20 nov. 2017

Insight into Rift Valley fever virus membrane fusion activation by a combined structural biology approach

Huiskonen, J. (!!!Invited speaker)
8 sep. 2017

Cryo-EM Structure of the TRP channel PC2 involved in Polycystic Kidney Disease

Huiskonen, J. (!!!Keynote speaker)
7 juni 2017

Current opinion in virology (Tidskrift)

Huiskonen, J. (Redaktör) & Zlotnick, A. (Redaktör)
juni 2016

Projekt

BIZEB: Bio-Imaging of Zoonotic and Emerging Bunyaviruses

Huiskonen, J. (Projektledare)
European Commission / Horizon 2020
01/04/2015 → 31/03/2020

Center of Excellence in Virus Research (CoE_VIRRES)

Bamford, D. H. (Principal Investigator), Bamford, J. (Deltagare), Butcher, S. (Principal Investigator), Oksanen, H. M. (Principal Investigator), Poranen, M. (Principal Investigator), Roine, E. (Principal Investigator), Kainov, D. (Principal Investigator), Tuma, R. (Deltagare), Ravantti, J. (Deltagare), Huiskonen, J. (Deltagare), Jääliñoja, H. (Deltagare), Ora, A. (Deltagare), Hattula, K. (Deltagare), Ziedaite, G. (Deltagare), Romanovskaya, A. (Deltagare), Lisal, J. (Deltagare), Buivydas, A. (Deltagare), Redder, P. (Deltagare), Domanska, A. (Deltagare), Vilen, S. (Deltagare), Manole, V. (Deltagare), Happonen, L. (Deltagare), Seitsonen, J. (Deltagare), Lijeroos, L. (Deltagare), Suchanova, B. (Deltagare), Falck, S. (Deltagare), Daugelavicius, R. (Deltagare), Golubtsov, A. (Deltagare), Yuan, P. (Deltagare), Anastasina, M. (Deltagare),

Karhu, N. J. (Deltagare), Koivunen, M. (Deltagare), Laurinavicius, S. (Deltagare), Wallin, A. (Deltagare), Aalto, A. P. (Deltagare), Sarin, P. (Deltagare), Atanasova, N. (Deltagare), Sun, X. (Deltagare), Pietilä, M. (Deltagare), Krupovic, M. (Deltagare), Cvirkaite-Krupovic, V. (Deltagare), Kukkaro, P. (Deltagare) & Pirttimaa, M. (Deltagare)
25/02/2011 → 31/12/2016

ResponseHD: Chaperoninivaste proteiinien väärinlaskostumiseen hermorappeumataudeissa (ResponseHD)

Huiskonen, J. (Projektledare), Castro, B. (deltagare), Ghanem, M. (deltagare) & Kumpula, E.-P. T. (deltagare)
Finlands Akademi
01/09/2022 → 31/08/2026

SEMMA: Endogeenisten makromolekyylikompleksien rakenteet

Huiskonen, J. (Projektledare), Eshriew, E. K. (deltagare) & Kumpula, E.-P. T. (deltagare)
Suomen Akatemia Projektilaskutus
01/09/2018 → 31/08/2022

Huiskonen BF 2025-26

Huiskonen, J. (Projektledare), Kousar, A. (deltagare) & Lu, X. (deltagare)
Innovaatorahoituskeskus Business Finland (FinELib)
01/01/2025 → 31/12/2026

Huiskonen BF 25-26

Huiskonen, J. (Projektledare)
Business Finland Oy
01/01/2025 → 01/01/2025

Huiskonen Erko 2024-2027

Huiskonen, J. (Projektledare), Poranen, M. (Projektledare), Eshriew, E. K. (deltagare), Sah Teli, S. K. (deltagare), Song, X. (deltagare) & Sun, X. (deltagare)
Jane ja Aatos Erkon säätiö
01/11/2024 → 31/10/2027

CellCargo: Huiskonen JAES

Huiskonen, J. (Projektledare), Green, M. (deltagare), Lu, X. (deltagare), Nordlin, K. P. (deltagare), Sah Teli, S. K. (deltagare) & Song, X. (deltagare)
Jane ja Aatos Erkon säätiö
01/09/2021 → 31/08/2024

ConnexinCode: Huiskonen Jusèlius 2022 1/3

Huiskonen, J. (Projektledare), Eshriew, E. K. (deltagare), Green, M. (deltagare) & Saavalainen, A. (deltagare)
Sigrid Juséliuksen Säätiö @003701165704@
01/05/2022 → 30/04/2025

Huiskonen Syöpäsäätiö 2025

Huiskonen, J. (Projektledare) & Castro, B. (deltagare)
Syöpäsäätiö sr Cancerstiftelsen sr
01/01/2025 → 31/12/2026

Huiskonen VolkswagenStiftung

Huiskonen, J. (Projektledare), Castro, B. (deltagare), Eshriew, E. K. (deltagare), Jayachandran, R. B. (deltagare) & Song, X. (deltagare)
VolkswagenStiftung
01/01/2021 → 31/12/2023

Mechanism of antagonist

Huiskonen, J. (Projektledare) & Castro, B. (deltagare)
Syöpäsäätiö sr Cancerstiftelsen sr
01/01/2024 → 28/02/2025

iCoin: SARS-koronavirus-2 -infektion estäjät

Huiskonen, J. (Projektledare), Castro, B. (deltagare), Hannula, L. (deltagare), Kant, R. (deltagare), Kumpula, E.-P. T. (deltagare) & Rissanen, I. (deltagare)
SUOMEN AKATEMIA Vähäkylä Leena
01/01/2020 → 31/12/2022

EndoGap: Sigrid Juséliuksen säätiö 2019-22 H9702

Huiskonen, J. (Projektledare) & Eshriew, E. K. (deltagare)
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01/05/2019 → 31/12/2023

University profiling funding 7 InterEarth RESET

Airavaara, M. (Projektledare), Heiskanen, J. (Projektledare), Huiskonen, J. (Projektledare), Hyvärinen, M. (Projektledare), Kulmala, M. (Projektledare), Kulmala, M. (Projektledare), Mervaala, E. (Projektledare), Mäkelä, J. (Projektledare), Primmer, C. (Projektledare), Räsänen, A. (Projektledare), Sironen, T. (Projektledare), Toivonen, R. (Projektledare), Aalto, P. (deltagare), Ahonen, L. (deltagare), Alakukku, L. (deltagare), Auvinen, P. (deltagare), Betz-Heinemann, A. (deltagare), Citterico, M. (deltagare), Ecke, F. (deltagare), El Wali, M. (deltagare), Eronen, J. T. (deltagare), Fuentenebro Alonso, P. (deltagare), Gammal, J. (deltagare), Green, S. (deltagare), Haaranen, D. A. P. (deltagare), Heikinheimo, A. (deltagare), Heinonen, M. (deltagare), Heinonen, S. (deltagare), Hohti, R. (deltagare), Holopainen, M. (deltagare), Hyytiäinen, K. (deltagare), Jokiranta, J. (deltagare), Kaartinen, T. (deltagare), Karhu, K. (deltagare), Kaukonen, M. (deltagare), Kempainen, J. (deltagare), Kerminen, V.-M. (deltagare), Kiljunen, S. (deltagare), Kolari, P. (deltagare), Korpela, K. (deltagare), Korsunova-Tsaruk, A. (deltagare), Koskinen, M. (deltagare), Lajunen, A. (deltagare), Lampilahti, J. (deltagare), Lehto, K.-M. (deltagare), Lewandowska, A. (deltagare), Lindholm, T. M. (deltagare), Lindroos, M. (deltagare), Lintunen, A. (deltagare), Luomanen, P. (deltagare), Lyu, Y. (deltagare), Mappes, J. (deltagare), Mietola, R. (deltagare), Mühleip, A. W. (deltagare), Nordström, M. C. (deltagare), Norkko, J. (deltagare), Omija Korpela, J. A. (deltagare), Paasonen, P. (deltagare), Pietikäinen, J. (deltagare), Pihlatie, M. (deltagare), Poupart, T. A. (deltagare), Pylkkö, T. (deltagare), Raivonen, M. (deltagare), Rasmus, L. S. (deltagare), Ruohomäki, A. I. (deltagare), Ryhti-Laine, K. (deltagare), Saari, T. (deltagare), Sadeghibagherabadi, A. (deltagare), Sandström, V. (deltagare), Sikanen, T. (deltagare), Siven, M. (deltagare), Spisak, S. M. (deltagare), Su, X. (deltagare), Syrjä, P. (deltagare), Taira, T. (deltagare), Tani, S. (deltagare), Tanskanen, T. T. (deltagare), Tatti, N. (deltagare), Thomas, D. N. (deltagare), Tiira, T. (deltagare), Toppinen, A. (deltagare), Uimari, P. (deltagare), Uusitalo, J. A. (deltagare), Vainio, A. (deltagare), Varjosalo, M. (deltagare), Vartiainen, M. (deltagare), Veikkolainen, T. (deltagare) & Zaidan, M. A. (deltagare)
Finlands Akademi, Suomen Akatemia Projektilaskutus
01/01/2023 → 31/12/2028