

Grants of Excellence (all Expert Panels)

Verkefnisstjóri	Stofnun	Meðumsækjendur	Heiti verkefnis	ISK (þús.)
Egill Skúlason	Science Institute-University of Iceland	Helga Dögg Flosadóttir, Sveinn Ólafsson, Líney Árnadóttir, Anna Louise Garden, Guðbjörg Hrönn Óskarsdóttir	<i>Fertilizer from air and water: From theory to experiments</i>	41.766
Eiríkur Steingrímsson, Margrét Helga Ógmundsdóttir, Helga M Ógmundsdóttir, Helga Zoéga	University of Iceland-School of Health Sciences	Vésteinn Þórsson, Gunnar Bjarni Ragnarsson, Lionel Larue, Deborah Goberdhan	<i>v-ATPase, pH and cancer</i>	27.888
Ingi Þorleifur Bjarnason	University of Iceland-School of Engineering and Natural Sciences	Tatyana Alexandrovna Smaglichenko, Martin Hensch	<i>4D seismic of the SISZ: A tool for a strong earthquake forecasting</i>	21.793
Jón Atli Benediktsson	University of Iceland-School of Engineering and Natural Sciences	Gro Birkefeldt Moller Pedersen, Þorsteinn Sæmundsson, Daniel Hölbling, Olga Kolbrún Vilmundardóttir, Nicola Falco, Kolbeinn Árnason, Pedram Ghamisi, Guðfinna Th Aðalgeirsdóttir, Simone Tarquini, Guðrún Gísladóttir, Borgþór Magnússon, Freysteinn Sigmundsson, Lorenzo Bruzzone, Melba M. Crawford	<i>Environmental mapping and monitoring of Iceland by Remote Sensing (EMMIRS)</i>	38.886
Þórarinn Guðjónsson	University of Iceland-School of Health Sciences	Gunhild Maeldandsmo, Þóður Óskarsson, Jón Þór Bergþórsson, Magnús Karl Magnússon	<i>The endothelial niche in breast morphogenesis and cancer</i>	33.926
total				164.259

Postdoctoral grants (all Expert Panels)

Verkefnisstjóri	Stofnun	Fagráð	Heiti verkefnis	ISK (þús.)
Ásta Heiðrún E Pétursdóttir	MATIS	Natural sciences and environmental sciences	<i>Environmental effects on arsenolipids in Icelandic seaweed: A complete profile</i>	8.400
Erla Svansdóttir	University of Iceland-School of Education	Social sciences and public health	<i>Prevalence of non-cardiac chest pain in Iceland: A trial for possible intervention</i>	8.400
Heiða Jóhannsdóttir	University of Iceland-School of Humanities	Humanities	<i>New Perspectives on Alfred Hitchcock's Silent Cinema.</i>	6.855
Isabel C Barrio	University of Alberta	Natural sciences and environmental sciences	<i>Understanding the role of herbivore diversity to inform sustainable grazing practices in the tundra</i>	7.578
Kalina Hristova Kapralova	University of Iceland-School of Engineering and Natural Sciences	Natural sciences and environmental sciences	<i>Embryonic hybrid incompatibilities and underlying molecular mechanisms in a recent ecological radiation</i>	7.040
Marco Solimene	University of Iceland-School of Social Sciences	Social sciences and public health	<i>Romani trajectories. Transnational movements and urban landscapes in the minds and practices of a Muslim Roma group.</i>	8.364
Maren Kahl	School of Earth & Environment University of Leeds	Natural sciences and environmental sciences	<i>MagmaTag - Tracking magma through space and time in the Icelandic crust</i>	8.397
Ólöf Birna Ólafsdóttir	University of Iceland-School of Health Sciences	Health sciences and life sciences	<i>Scanning Laser Ophthalmoscope Choroidal Oximetry in Glaucoma and Age-Related Macular Degeneration - A New Approach-</i>	5.960
Sonal Kumari	University of Iceland-School of Health Sciences	Health sciences and life sciences	<i>Defining the metabolic alterations that underlie the epithelial to mesenchymal transition</i>	7.440
Þorbjörg Einarisdóttir	The Institute for Experimental Pathology, University of Iceland, KELDUR	Health sciences and life sciences	<i>Recombinant BCG expressing Pasteurella antigens</i>	8.400
total				76.834

Project Grants (Engineering, technical science and physical sciences)

Verkefnisstjóri	Stofnun	Meðumsækjendur	Heiti verkefnis	ISK (þús.)
Arnar Pálsson	University of Iceland-School of Engineering and Natural Sciences	Zophonias Oddur Jónsson, Ian M. Dworkin	<i>The principles and predictability of transcriptional cooption, regulatory and compensatory evolution</i>	12.000
Hannes Jónsson	University of Iceland-School of Engineering and Natural Sciences	Unnar Bjarni Arnalds, Valery M. Uzdin	<i>Magnetic systems on various length and time scales: From atoms to spin ice</i>	12.000
Jón Guðnason	Reykjavik University-School of Science and Engineering		<i>Model-based speech production analysis and voice quality assessment</i>	12.792
Kristján Leósson	Innovation Center Iceland	Federico Capasso	<i>Meta-grating polarimetry</i>	8.805
Magnús Már Halldórsson	Reykjavik University-School of Computer science	Eyjólfur Ingi Ásgeirsson, Marijke Hilde Lore Bodlaender, Roger Wattenhofer	<i>Models of Unreliability and Dynamics in Wireless Networks</i>	9.264
Paolo Gargiulo, Halldór Jónsson	Reykjavik University-School of Science and Engineering	Mario Cesarelli, Benedikt Helgason, Expeda, CEO Björn Rúnar Lúðvíksson	<i>Clinical evaluation score for Total Hip Arthroplasty planning and postoperative assessment</i>	4.050
Páll Melsted	University of Iceland-School of Engineering and Natural Sciences	Lior Samuel Pachter	<i>Streaming algorithms for whole genome assembly</i>	9.950
Ragnar Sigurðsson, Benedikt Steinar Magnússon	Science Institute-University of Iceland		<i>Research in Complex Analysis with Emphasis on Pluripotential Theory</i>	7.442
Sigríður Guðrún Suman	Science Institute-University of Iceland		<i>Cobalt Mediated Activation of Carbon Dioxide</i>	10.132
Sigurður Freyr Hafstein	Reykjavik University-School of Science and Engineering	Peter Giesl, Enrico Scalas	<i>Lyapunov Methods and Stochastic Stability</i>	12.552
Slawomir Marcin Koziel	Reykjavik University-School of Science and Engineering	Piotr Kurgan	<i>Feasible EM-Driven Multi-Objective Design of Antenna Structures</i>	8.406
Ýmir Vigfússon	Reykjavik University-School of Computer science	Leon Danon, Guðrún Sigmundsdóttir	<i>Detecting outbreaks with mobile phone data</i>	9.240
			total	116.633

Project Grants (Natural sciences and physical sciences)

Verkefnisstjóri	Stofnun	Meðumsækjendur	Heiti verkefnis	ISK (þús.)
Andri Stefánsson	University of Iceland-School of Engineering and Natural Sciences	Jens Fiebig , David R. Hilton, Sæmundur Ari Halldórsson	<i>Hydrocarbons in volcanic hydrothermal fluids</i>	9.588
Árný Erla Sveinbjörnsdóttir	University of Iceland-School of Engineering and Natural Sciences	Hans Christian Steen Larsen, Jean-Louis Bonne	<i>Understanding the physical processes of the atmospheric hydrological cycle using water vapor isotopes.</i>	10.000
Birgir Hrafnkelsson	University of Iceland-School of Engineering and Natural Sciences	Guðfinna Th Aðalgeirsdóttir, Alexander Helmut Jarosch, Finnur Pálsson, Helgi Björnsson, Egil Ferkingstad	<i>Statistical Models for Glaciology (SMG)</i>	7.263
Esther Ruth Guðmundsdóttir	Science Institute-University of Iceland	Guðrún Þorgerður Larsen, Jón Eiríksson, Magnús Tumi Guðmundsson, John MacLennan	<i>Explosive volcanism in Iceland during a glacial-interglacial cycle as expressed by tephra layer frequency in marine sediments between 60 ka and 10 ka: Effects of variable ice load on eruption frequency and magmatism.</i>	9.680
Guðbjörg Ásta Ólafsdóttir	University of Iceland - The University of Iceland's Research Centre in the West Fjords	Einar Eg Nielsen, Snæbjörn Pálsson	<i>CodStory</i>	9.950
Gunnar Stefánsson	University of Iceland-School of Engineering and Natural Sciences	Christopher David Desjardins	<i>Improving and evaluating resource utilisation in Icelandic waters through ecosystem modelling</i>	10.450
Ólafur Gestur Arnalds, Haraldur Ólafsson	Agricultural University of Iceland	Pavla Dagsson Waldhauserova	<i>RYK- Dust production and distribution in Iceland.</i>	10.455
Ólafur Héðinn Friðjónsson	MATIS	Jóhann Örylgsson, Sean M. Scully, Eva Nordberg Karlsson, Guðmundur Óli Hreggviðsson	<i>Macroalgal Biorefinery - Microbial conversion of seaweed polysaccharides into a valuable commodity chemical</i>	10.000
Sigurður Sveinn Snorrason	University of Iceland-School of Engineering and Natural Sciences	Arnar Pálsson, Zophonias Oddur Jónsson, Bjarni Kristófer Kristjánsson, Bjarni Jóhann Vilhjálmsson, Moira M. Ferguson, Páll Melsted, Sarah Jane Helyar	<i>Population genomics of parallel evolution in Icelandic arctic charr</i>	11.970
Tómas Grétar Gunnarsson	University of Iceland - South Iceland Research Centre	Jennifer A. Gill, Jose Alves, Veronica Mendez	<i>Environmental and demographic drivers of migratory strategies in birds</i>	9.153
Þröstur Þorsteinsson	University of Iceland-School of Engineering and Natural Sciences	Sibylle von Löwis Of Menar, Sara Barsotti, Melissa Anne Pfeffer	<i>Changes in the health effects impact of aerosol particles and natural source material following volcanic eruptions</i>	10.327
			total	108.836

Project Grants (Health sciences and life sciences)

Verkefnisstjóri	Stofnun	Meðumsækjendur	Heiti verkefnis	ISK (þús.)
Björn Rúnar Lúðvíksson	University of Iceland-School of Health Sciences	Helga Kristín Einarsdóttir	<i>Learning from IgA deficiency: Aiming for a personalised cure of autoimmune disease.</i>	10.424
Elín Soffía Ólafsdóttir	University of Iceland-School of Health Sciences	Sesselja Sigurborg Ómarsdóttir, Thomas Balle, William R. Kem	<i>Natural products as potential drug leads for neurodegenerative diseases - a multi-target approach.</i>	10.736
Guðmundur H Guðmundsson	University of Iceland-School of Engineering and Natural Sciences	Birgitta Agerberth	<i>Regulation of epithelial immunity in the lung</i>	10.000
Guðmundur Þorgeirsson	University of Iceland-School of Health Sciences	Haraldur Halldórsson	<i>Effects of thrombin and other PAR-1 agonists on vascular endothelium. Role of AMP-activated kinase and biased signaling.</i>	6.200
Gunnsteinn Ægir Haraldsson	University of Iceland-School of Health Sciences	Helga Erlendsdóttir, Karl Gústaf Kristinsson, Ásgeir Haraldsson, Angela Beth Brueggemann	<i>Genetic diversity of Haemophilus influenza in Iceland following a national vaccination program</i>	13.248
Helga Bjarnadóttir	Landspítali University Hospital	Björn Rúnar Lúðvíksson, Margrét Arnardóttir, Jens Christian Jensenius, Hildur Ey Sveinsdóttir	<i>Deficiency in the human lectin pathway components: prevalence, compensation and clinical impact.</i>	5.100
Inga Reynisdóttir	Landspítali University Hospital	Rósa Björk Barkardóttir, Aðalgeir Arason, Bjarni Agnar Agnarsson, Þórarinn Guðjónsson, Óskar Þór Jóhannsson	<i>Gene fusions in 8p12-p11 amplified breast tumours</i>	10.165
Ólafur Eysteinn Sigurjónsson	Reykjavík University-School of Science and Engineering	Sandra Mjöll Jónsdóttir, Óttar Rolfsson	<i>Bioactivity and characterization of platelet derived substances to be used in regenerative medicine</i>	11.820
Sesselja Sigurborg Ómarsdóttir	University of Iceland-School of Health Sciences	Brian T. Murphy, Scott G. Franzblau	<i>Use of microbial small molecules derived from Icelandic waters to target non-replicating Mycobacterium tuberculosis</i>	12.000
Sigríður Rut Franzdóttir, Zophonías Oddur Jónsson	University of Iceland-School of Engineering and Natural Sciences		<i>Developmental roles and intracellular dynamics of Pontin and Reptin</i>	11.490
Skarphéðinn Halldórsson, Margrét Þorsteinsdóttir	Reykjavík University-School of Science and Engineering	Óttar Rolfsson, Steinn Guðmundsson, Sonal Kumari	<i>Lipidomic profiling and computational modelling of epithelial to mesenchymal transition</i>	13.020
Stefán Þórarinn Sigurðsson	University of Iceland-School of Health Sciences	Ólafur Andri Stefánsson, Stefán Þór Hermanowicz, Þórunn Rafnar, Jórunn Erla Eyfjörð, Jón Gunnlaugur Jónasson	<i>DNA repair defects and drug response in breast and ovarian cancer</i>	12.000
			total	126.203

Project Grants (Social sciences and public health)

Verkefnisstjóri	Stofnun	Meðumsækjendur	Heiti verkefnis	ISK (þús.)
Árni Kristjánsson	University of Iceland-School of Health Sciences		<i>Visual foraging and visual attention: Investigations of function, development and dysfunction.</i>	9.504
Elín Þóll Þórðardóttir	McGill University		<i>Individual variability in L2 and L2 3 learning in Iceland: the role of motivation and ability factors</i>	7.095
Erlingur Sigurður Jóhannsson	University of Iceland-School of Education	Kong Y.Chen, Sigurbjörn Árni Arngrímsson, Kristján Þór Magnússon, Erla Svansdóttir, Bryndís Benediktsdóttir, Sigríður Lára Guðmundsdóttir	<i>Longitudinal study of physical health status in a young Icelandic cohort (born 1999): Interrelations with sleep and educational attainment</i>	11.790
Jónína Einarsdóttir	University of Iceland-School of Social Sciences	Sigurjón Baldur Hafsteinsson, Anni Guðný Haugen	<i>Independent Child Migration in 20th century Iceland</i>	10.622
Jónína Einarsdóttir	University of Iceland-School of Social Sciences		<i>The Rights of Independent Child Migrants in Ghana</i>	5.640
Karl Benediktsson	University of Iceland-School of Engineering and Natural Sciences	Anna Karlsdóttir, Kevin St. Martin, Matthias Kokorsch	<i>Mapping Resilience: Icelandic Coastal Communities</i>	4.693
Laufey Steingrimsdóttir	University of Iceland-School of Health Sciences	Jóhanna Eyvín Torfadóttir, Unnur Anna Valdimarsdóttir, Meir J. Stampfer, Lorlei Ann Mucci	<i>Dietary habits across the lifespan and risk of breast cancer</i>	5.600
Marion Forgatch	Oregon Social Learning Centre/Implementation Science International	Dr. Margrét Sigmarsdóttir, Dr. David DeGarmo, Dr. Anna Lind G Pétursdóttir	<i>Assessment of Parent Management Training-The Oregon Model</i>	9.970
Ragna Benedikta Garðarsdóttir	University of Iceland-School of Health Sciences	Jón Gunnar Bernburg, Arna Hauksdóttir, Inga Dóra Sigfúsdóttir	<i>The effect of income inequality and social capital on adolescent psychological well-being</i>	5.557
Sigríður Dúna Kristmundsdóttir	University of Iceland-School of Social Sciences	Guðrún Sif Friðriksdóttir	<i>Militarized Masculinity and Ex-combatants</i>	4.400
			total	74.871

Project Grants (Humanities)

Verkefnisstjóri	Stofnun	Meðumsækjendur	Heiti verkefnis	ISK (þús.)
Eyja Margrét Brynjarsdóttir	University of Iceland-School of Humanities	Ragna Benedikta Garðarsdóttir, Guðmundur Jónsson	<i>The Reality of Money</i>	9.226
Gavin Murray Lucas	University of Iceland-School of Humanities	Kevin Martin, Ásta Hermannsdóttir	<i>Commodity Entanglement. The Archaeology of the Trade Monopoly</i>	11.000
Kristján Árnason	University of Iceland-School of Humanities	Stefanie Bade	<i>Accents and folk linguistics: a grounded theoretical analysis of the evaluation of foreigners' use of Icelandic</i>	5.238
Ludger Zeevaert	The Arni Magnusson Institute for Icelandic Studies	Svanhildur Óskarsdóttir, Margrét Eggertsdóttir, Alaric Hall	<i>Gullskinna. Postmedieval transmission and reception of a lost medieval parchment-codex.</i>	7.350
Páll Skúlason	University of Iceland-School of Humanities	William Konchak	<i>Developing a Contemporary Approach to Philosophy as a Way of Life</i>	5.482
Rósa Þorsteinsdóttir, Terry Adrian Gunnell	The Arni Magnusson Institute for Icelandic Studies	Örn Hrafnkelsson, Aðalheiður Guðmundsdóttir	<i>Íslenskar þjóðsögur og ævintýri: Composition, Context, and Collection 1864–2014</i>	7.400
Sigríður Þorgeirsdóttir	University of Iceland-School of Humanities	Eyja Margrét Brynjarsdóttir, Ragnheiður Kristjánsdóttir	<i>Feminist philosophy transforming philosophy</i>	10.932
			total	56.628