

## Vísindastarfsemi á Landspítala á árinu 2018

Vantaði í heildarskjalið yfirfara

*Vinsamlegast yfirfarið og bætið inn atriðum, eftir því sem við á.*

### Barnalæknisfræði

**Forstöðumaður fræðasviðs: Ásgeir Haraldsson prófessor**

**Áherslur í rannsóknum innan fræðasviðsins /fræðigreinarnar**

*(Ekki er óskað eftir upptalningu verkefna, heldur helstu áherslur að hámarki 60 orð)*  
Stundaðar eru rannsóknir sem tengjast faraldsfræði sjúkdóma, tilurð þeirra og meðferð. Meðal helstu verkefna eru rannsóknir á árangri pneumókokkabólusetninga á Íslandi, árangri meðferðar krabbameina og þáttum sem hafa áhrif á horfur nýbura og fyrirbura en auk þess eru stundaðar umfangsmiklar rannsóknir á fæðuóþoli og ofnæmi, algengum og sjaldgæfum orsökum nýrnasteina, blóðþrýstingi og iðrasýkingum svo eitthvað sé talið.

**Styrkir sem fræðasviðið fékk á árinu 2018**

*(Nafn/heiti styrkveitenda, heiti rannsóknar, nöfn rannsakenda)*

#### **A. Innlendir styrkir**

##### **Vísindasjóður Landspítala**

Blóðþrýstingur og holdafar 16 til 20 ára ungmenna. Ragnar Bjarnason, Ingibjörg Kjartansdóttir.

Börn með einkenni alvarlegra sýkinga, Orsakir og áhættuþættir. Valtýr Thors, Ásgeir Haraldsson, Bryndís Björnsdóttir, Adam Finn, Terho Heikkinen.

Faraldsfræði ífarandi Haemophilus influenzae á Íslandi frá upphafi bólusetninga gegn Hib. Gunnsteinn Haraldsson, Sandra Berglind Tómasdóttir, Helga Erlendsdóttir, Karl Kristinsson, Ásgeir Haraldsson, Hildigunnur Sveinsdóttir, James M. Musser, Randall Olsen.

Mögulega sjúkdómsvaldandi bakteríur í nefkoki leikskólabarna, Helga Erlendsdóttir, Karl Kristinsson, Gunnsteinn Haraldsson, Ásgeir Haraldsson, Samúel Sigurðsson, Sigríður Larsen, Sandra Berglind Tómasdóttir.

Sjúkraflutningar nýbura og tengsl við þróun fæðingarþjónustu á Íslandi. Þórður Þórkelsson, Hugrún Þórbergisdóttir.

##### **Rannsóknasjóður Háskóla Íslands**

APRT Deficiency: Novel Strategies for Screening and Diagnosis. Viðar Örn Eðvarðsson.

Skilafrestur er til 14. febrúar 2019

Börn með einkenni alvarlegra sýkinga: Orsakir og áhættuþættir. Ásgeir Haraldsson

Blóðþrýstingur og holdafar meðal 16 – 20 ára ungmenna. Ragnar Bjarnason

### **Samtök Atvinnulífsins.**

Veikindi og fjarvistir fjölskyldna á Íslandi (VOFFI). Framsýn rannsókn þar sem fjórum fæðingarágöngum verður fylgt eftir í fjögur ár með rafrænum spurningalistum til mats á algengi almennra veikinda ungra barna og fjarvista foreldra frá vinnu/skóla. Fæðingarágangar 2018 – 2021.

### **Vísindasjóður Krabbameinsfélags Íslands**

Framsýn og afturvirk rannsókn á fylgikvillum bláæðaleggja hjá íslenskum börnum með illkynja sjúkdóma. Valtýr Stefánsson Thors, Ásgeir Haraldsson, Ólafur Gísli Jónsson. Framhaldsstyrkur frá Krabbameinsfélagi Íslands (**framhaldsstyrkur**)

### **B. Erlendir styrkir**

#### **National Institutes of Health, Office of Rare Diseases (ORDR) and the National Institute of Diabetes, Digestive and Kidney Diseases (NIDDK)**

Nephrolithiasis and Kidney Failure: the Rare Kidney Stone Consortium – Project 3, Adenine Phosphoribosyltransferase Deficiency. Viðar Örn Eðvarðsson, Runólfur Pálsson.

#### **NSCMID foundation**

Börn með einkenni alvarlegra sýkinga, Orsakir og áhættuþættir. Valtýr Thors, Ásgeir Haraldsson, Bryndís Björnsdóttir, Adam Finn, Terho Heikkinen.

### **Doktorsnemar**

*Óskað er eftir, nafni nemanda, heiti verkefnis, háskóladeild, heiti háskóla, nafn leiðbeinenda og umsjónarkennara (ef það er ekki sá sami), aðrir í doktorsnefnd.*

Andri Leó Lemarquis. Genetics and cellular regulatory mechanisms in the pathogenesis of autoimmunity in IgA deficiency. Læknadeild Háskóla Íslands. Leiðbeinandi: Björn Rúnar Lúðvíksson, Ásgeir Haraldsson er í doktorsnefnd.

Auður Anna Aradóttir. Frumur og boðefni sem stuðla að lifun plasmafrumna í beinmerg nýbura. Læknadeild Háskóla Íslands. Umsjónarkennari: Ingileif Jónsdóttir, Ásgeir Haraldsson er í doktorsnefnd.

Elías Sæbjörn Eypórsson. Faraldsfræðileg rannsókn á áhrifum ónæmisaðgerða gegn pneumókokkum á notkun heilbrigðisþjónustu og kostnað. Læknadeild, Háskóla Íslands. Umsjónarkennari: Ásgeir Haraldsson. Aðrir í doktorsnefnd: Karl G. Kristinsson, Helga Erlendsdóttir, Tinna Laufey Ásgeirsdóttir, Birgir Hrafnkelsson.

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Harpa Viðarsdóttir. Börn með fæðingaþyngd  $\geq 5000$  grömm og mæður þeirra. Læknadeild, Háskóla Íslands. Leiðbeinandi: Þórður Þórkelsson. Umsjónarkennarar: Ragnar G. Bjarnason, Reynir T. Geirsson, Unnur A. Valdimarsdóttir, Hildur Harðardóttir.

Hrafnhildur Linnét Runólfsson. Adenine Phosphoribosyltransferase Deficiency: Epidemiology and Clinical Outcomes. Læknadeild, Háskóla Íslands. Umsjónarkennari: Viðar Örn Eðvarðsson. Leiðbeinandi: Ólafur Skúli Indriðason. Aðrir í doktorsnefnd: Patrick Sulem, Dawn S. Milliner.

Ingibjörg Kjartansdóttir. Bólguþættir og blóðþrýstingur meðal 16 – 20 ára ungmenna. Læknadeild, Háskóla Íslands. Leiðbeinendur: Ragnar G. Bjarnason, Anna Sigríður Ólafsdóttir, Ragnar Danielsen.

Kristín Leifsdóttir. Forspársgildi efna í mænuvökva nýbura með heilaskaða; Tengsl við alvarleika sjúkdómsástands og langtímahorfur. Háskóla Íslands og Karolinska Universitet. Umsjónarkennari. Ásgeir Haraldsson.

Sigríður Júlía Quirk. Pneumococcal molecular epidemiology before and after the introduction of the 10-valent pneumococcal conjugate vaccine Synflorix (GSK) in Iceland. Læknadeild, Háskóla Íslands. Umsjónarkennari: Karl G. Kristinsson. Leiðbeinandi: Gunnsteinn Haraldsson. Aðrir í doktorsnefndnefnd: Ásgeir Haraldsson, Angela Brueggemann, Martha Á. Hjálmarsdóttir.

Unnur Thorsteinsdóttir. Development of quantitative ultra-performance liquid chromatography tandem mass spectrometry (UPLC-QqQ-MS) assay for clinical diagnosis and pharmacotherapy monitoring of patients with APRT deficiency. Faculty of Pharmaceutical Sciences, University of Iceland. Aðalleiðbeinandi: Margrét Þorsteinsdóttir. Umsjónarkennari: Runólfur Pálsson. Aðrir í doktorsnefnd: Viðar Örn Eðvarðsson, Mathew Lewis, Jón Jóhannes Jónsson.

### **Andmælandi við doktorsvörn**

Ásgeir Haraldsson. Vitamin D in northern latitudes – Intake and status in Icelandic children. Nemandi: Birna Þórisdóttir.

Valtýr Stefánsson Thors 2018. Doktorsritgerð frá Háskóla Íslands. Title of thesis: Antimicrobial resistance in *Streptococcus pneumoniae*, *Streptococcus pyogenes* and *Escherichia coli* from the Faroese population, correlation with antimicrobial use and comparison with Iceland and Denmark. Nemandi: Marita Debess Magnussen. Ragnar Bjarnason Andmælandi við doktorsritgerð. University of Copenhagen 10.09.2018. Thesis: How do we enhance the motivation and ability of adolescents to live with type 1 diabetes? Nemandi: Stine Møller Sildorf, Faculty opponent.

### **BSc nemar**

Helena Xiang Jóhannsdóttir. Þátttaka og afstaða starfsfólks Landspítala til bólusetninga gegn influensu. Heilbrigðisvísindasvið Háskóla Íslands, Læknadeild, vor 2018. Leiðbeinendur: Ásgeir Haraldsson, Valtýr Stefánsson Thors, Áslaug Salka Grétarsdóttir, Ýmir Óskarsson.

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Bryndís Björnsdóttir. Börn með einkenni alvarlegra sýkinga á Bráðamóttöku Barnaspítala Hringins. Heilbrigðisvísindasvið Háskóla Íslands, Læknadeild, vor 2018. Leiðbeinendur: Valtýr Stefánsson Thors, Ásgeir Haraldsson.

Gísli Gíslason. Viðvarandi opin fósturslagrás hjá fyrirburum. Heilbrigðisvísindasvið Háskóla Íslands, Læknadeild, vor 2018. Leiðbeinendur: Gylfi Óskarsson, Hróðmar Helgason, Ingólfur Rögnvaldsson, Sigurður Sverrir Stephensen og Þórður Þórkelsson.

Gyða Katrín Guðnadóttir. Opin áreitipróf hjá börnum sem grunuð eru um sýklalyfjaofnæmi. Heilbrigðisvísindasvið Háskóla Íslands, Læknadeild, vor 2018. Leiðbeinandi: Sigurður Kristjánsson.

Katrín Birgisdóttir. Genagreiningar flogaveiki á Barnaspítala Hringins - niðurstöður og áhrif á meðferð. Heilbrigðisvísindasvið Háskóla Íslands, Læknadeild, vor 2018. Leiðbeinandi: Sigurður Einar Marelsson.

Berglind Gunnarsdóttir. Greining alvarlegra meðfæddra hjartagalla á Íslandi 2014 - 2017. Heilbrigðisvísindasvið Háskóla Íslands, Læknadeild, vor 2018. Leiðbeinendur: Hildur Harðardóttir, Gylfi Óskarsson.

### **Helstu samstarfsaðilar í rannsóknum**

*(Hér er átt við stofnanir sem samstarfsaðilar ykkar starfa við, en tilgreina skal fræðigrein þegar samstarfsaðilar starfa innan LSH)*

#### **Íslenskir samstarfsaðilar innan Landspítala**

Erfða- og sameindalæknisfræði, hjartalæknisfræði, kvensjúkdóma- og fæðingarlæknisfræði, lyflæknisfræði, meinafræði, nýrnalæknisfræði, ofnæmislæknisfræði, ónæmisfræði, sýkla- og veirufræði, smitsjúkdómalæknisfræði; svæfinga- og gjörgæslulæknisfræði

#### **Íslenskir samstarfsaðilar utan Landspítala**

ArcticMass, Greiningar og ráðgjafastöð ríkisins, Íslensk erfðagreining. Háskóli Íslands: Lyfjafræðideild; efnafræðideild; félagsvísindadeild; hagfræðideild; sálfræðideild; verkfræði- og náttúruvísindadeild. Háskólinn í Reykjavík.

#### **Erlendir samstarfsaðilar**

##### *Austurríki*

Medical University of Vienna, Biomay AG Vienna; Paris Lodron University of Salzburg

##### *Bandaríkin*

Mayo Clinic, Rocheser Minnesota; NYU School of Medicine, New York; National Institutes of Health, Bethesda, Maryland

##### *Bretland*

Nuffield Department of Medicine and Department of Zoology; University of Oxford, Oxford, Pathogen Genomics, Wellcome Trust Sanger Institute, Hinxton, Royal Free Hospital, University College of London, University of Bristol, University of Oxford, Oxford, University of Bristol, School of Cellular and Molecular Medicine. Institute

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of Food Research, Bristol University. Southampton Children Hospital. St Mary's Hospital London.

*Danmörk*

Copenhagen University, Statens Serum Institut, Copenhagen; Odense University Hospital.

*Finnland*

Department of Pediatrics, Kuopio University Hospital, Kuopio, Finland; Department of Pediatrics, Oulu University Hospital, Oulu, Finland; Department of Pediatrics, Turku University central hospital, Turku; Department of Pediatrics, Tampere University Hospital, Tampere; Helsinki University Central Hospital, Helsinki

*Frakkland*

CEA Institute of Biology Technologies

*Grikkland*

Kapodistrian University of Athens

*Holland*

Academic Medical Center, HAL Allergy BV, Leiden; BIAL Aristegui, University Medical Centre Utrecht; Clinical Trial Centre Maastricht

*Noregur*

Oslo University

*Pólland*

Medical University of Lodz, Poland

*Spánn*

Hospital Clinico San Carlos, BIAL Aristegui, Bilbao, Servicio Andaluz de Salud; Paediatric Infectious Disease Unit, Hospital 12 de Octubre, Madrid.

*Svíþjóð*

Karolinska Institute, Stockholm; Linköping University, Sahlgrenska University Hospital

*Þýskaland*

Inst. of Pathology & Dpt. of Nephrology, Laboratory of Nephropathology University Clinic of RWTH, Aachen

Starfsmenn fræðasviðsins eru í öflugu alþjóðlegu samstarfi í vísindarannsóknum í gegnum ýmis samvinnuverkefni (upptalning ekki tæmandi):

1. Food Allergy Specific Therapy (FAST) Study Group.  
<http://www.allergome.org:8080/fast/index.jsp>
2. Nordic Society for Pediatric Hematology and Oncology (NOPHO).  
<http://www.nopho.org/welcome/frame.htm>
3. The Rare Kidney Stone Consortium (2U54DK083908), a part of the National Center for Advancing Translational Sciences (NCATS) Rare Diseases Clinical Research Network (RDCRN), USA. <http://www.rarekidneystones.org/>

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## **Viðurkenningar sem starfsfólk fræðasviðsins /fræðigreinarinnar fékk á árinu 2018**

### **Störf í ritstjórn ritrýndra fagrita**

*(Hér er átt við nafn starfsmanns, ritstjórn/ritstjóri og titil tímarits)*

Michael Clausen. Ritryrnir fyrir Allergologia et Immunopathologia og Læknablaðið.

Valtýr Stefánsson Thors. Ritryrnir fyrir PIDJ, PlosOne, Archives of Disease in Childhood og Læknablaðið.

Viðar Örn Eðvarðsson. Ritryrnir og í ritstjórn Pediatric Nephrology.

Þórður Þórkelsson. Aðstoðarritstjóri Current Treatment Options in Pediatrics.

### **Doktorsritgerð(ir)**

*(Nafn nemanda, heiti verkefnis, háskólastofnun og nöfn leiðbeinenda. Undirstrika skal nafn aðalleiðbeinanda)*

Samúel Sigurðsson. Pneumókokkabólusetningar: Áhrif á sýkingar og beratíðni. Læknadeild, Háskóla Íslands. Doktorsvörn í desember 2018. Umsjónarkennari: Ásgeir Haraldsson. Leiðbeinandi: Karl G. Kristinsson. Aðrir í doktorsnefnd: Helga Erlendsdóttir, Birgir Hrafnkelsson, Þórólfur Guðnason

### **Ritverk –bækur eða bókakaflar**

*(Hér er átt við fagbækur og bókakafla í fagbók. Óskað er eftir nafni höfundar, titli bókar/bókakafla og útgefanda GJARNAN má senda slóð af netinu með.*

### **Ritverk- vísindagreinar í ritrýndum innlendum tímaritum**

*(Hér er átt við ritrýndar greinar).*

Ragnildur Hauksdóttir, Þórður Þórkelsson, Gestur Pálsson, Ragnheiður I Bjarnadóttir. Burðarmálsdauði á Íslandi 1988-2017. Læknablaðið. 2018;104(7-8):341-46.

### **Ritverk – vísindagreinar í ritrýndum erlendum tímaritum**

*(Hér er átt við ritrýndar greinar í erlendum tímaritum).*

Arnadóttir GA, Norddahl GL, Guðmundsdóttir S, Agustsdóttir AB, Sigurdsson S, Jensson BO, Bjarnadóttir K, Theodors F, Benonisdóttir S, Ivarsdóttir EV, Oddsson A, Kristjansson RP, Sulem G, Alexandersson KF, Juliusdóttir T, Guðmundsson KR, Saemundsdóttir J, Jonasdóttir A, Jonasdóttir A, Sigurdsson A, Manzanillo P, Guðjonsson SA, Thorisson GA, Magnusson OT, Masson G, Orvar KB, Holm H, Bjornsson S, Arngrimsson R, Gudbjartsson DF, Thorsteinsdóttir U, Jonsdóttir I, Haraldsson A, Sulem P, Stefansson K. A homozygous loss-of-function mutation leading to CYBC1 deficiency causes chronic granulomatous disease. Nature communications. 2018 Oct 25;9(1):4447.

Arnadóttir GA, Jensson BO, **Marelsson SE**, Sulem G, Oddsson A, Kristjansson RP, Benonisdóttir S, Guðjonsson SA, Masson G, Thorisson GA, Saemundsdóttir J,

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Magnusson OT, Jonasdottir A, Jonasdottir A, Sigurdsson A, Gudbjartsson DF, Thorsteinsdottir U, Arngrimsson R, Sulem P, Stefansson K. Compound heterozygous mutations in UBA5 causing early-onset epileptic encephalopathy in two sisters. *BMC Med Genet.* 2017 Oct 2;18(1):103.

Bager, Ninna; Juul-Dam, Kristian L.; Sandahl, Julie D.; et al.: Complex and monosomal karyotype are distinct cytogenetic entities with an adverse prognostic impact in paediatric acute myeloid leukaemia. A NOPHO-DBH-AML study . *Br. J. Haematol.* 2018; 183(4): 618-628.

Benonisdottir S, Kristjansson RP, Oddsson A, Steinthorsdottir V, Mikaelisdottir E, Kehr B, Jensson BO, Arnadottir GA, Sulem G, Sveinbjornsson G, Kristmundsdottir S, Ivarsdottir EV, Vogel LK, Tragante V, Gunnarsson B, Runolfsson HL, Arthur JG, Deaton AM, Eyjolfsson GI, Davidsson OB, Asselbergs FW, Hreidarsson AB, Rafnar T, Thorleifsson G, Edvardsson V, Sigurdsson G, Helgadottir A, Halldorsson BV, Masson G, Holm H, Onundarson PT, Indridason OS, Benediktsson R, Palsson R, Gudbjartsson DF, Olafsson I, Thorsteinsdottir U, Sulem P, Stefansson K. Sequence variants associating with urinary biomarkers. *Hum Mol Genet.* 2018 Nov 24. doi: 10.1093/hmg/ddy409. [Epub ahead of print] PMID: 30476138

Birkebaek NH, Kahlert J, Bjarnason R, Drivvoll AK, Johansen A, Konradsdottir E, Pundziute-Lycka A, Samuelsson U, Skriverhaug T, Svensson J, Nordic Childhood Diabet Registry S. Body mass index standard deviation score and obesity in children with type 1 diabetes in the Nordic countries. HbA(1c) and other predictors of increasing BMISDS. *Pediatric Diabetes.* 2018;19(7):1198-1205.

Bjornsson T, Thorotfsdottir RB, Sveinbjornsson G, Sulem P, Norddahl GL, Helgadottir A, Gretarsdottir S, Magnusdottir A, Danielsen R, Sigurdsson EL, Adalsteinsdottir B, Gunnarsson SI, Jonsdottir I, Arnar DO, Helgason H, Gudbjartsson T, Gudbjartsson DF, Thorsteinsdottir U, Holm H, Stefansson K. A rare missense mutation in MYH6 associates with non-syndromic coarctation of the aorta. *European Heart Journal.* 2018;39(34):3243-3249.

Borssén M, Nordlund J, Haider Z, Landfors M, Larsson P, Kanerva J, Schmiegelow K, Flaegstad T, Jónsson ÓG, Frost B-M. DNA methylation holds prognostic information in relapsed precursor B-cell acute lymphoblastic leukemia. *Clinical epigenetics.* 2018;10(1):31

Bright CJ, Hawkins MM, Winter DL, Alessi D, Allodji RS, Bagnasco F, Bardi E, Bautz A, Byrne J, Feijen EAM, Fidler MM, Garwicz S, Grabow D, Gudmundsdottir T, Guha J, Haddy N, Jankovic M, Kaatsch P, Kaiser M, Kuehni CE, Reulen RC, PanCareSurFup C. Risk of Soft-Tissue Sarcoma Among 69 460 Five-Year Survivors of Childhood Cancer in Europe. *Jnci-Journal of the National Cancer Institute.* 2018;110(6):649-660.

Clausen M, Jonasson K, Keil T, Beyer K, Sigurdardottir ST. Fish oil in infancy protects against food allergy in Iceland-Results from a birth cohort study. *Allergy.* 2018 Jun;73(6):1305-1312. doi: 10.1111/all.13385. Epub 2018 Jan 31.

Datema MR, van Ree R, Asero R, Barreales L, Belohlavkova S, de Blay F, **Clausen M**, Dubakiene R, Fernández-Perez C, Fritsche P, Gislason D, Hoffmann-Sommergruber K, Jedrzejczak-Czechowicz M, Jongejan L, Knulst AC, Kowalski M,

Kralimarkova TZ, Le TM, Lidholm J, Papadopoulos NG, Popov TA, Del Prado N, Purohit A, Reig I, Seneviratne SL, Sinaniotis A, Versteeg SA, Vieths S, Zwinderman AH, Mills ENC, Fernández-Rivas M, Ballmer-Weber B. Component-resolved diagnosis and beyond: Multivariable regression models to predict severity of hazelnut allergy. *Allergy*. 2018 Mar;73(3):549-559. doi: 10.1111/all.13328. Epub 2017 Nov 24.

Edvardsson VO, Ingvarsdottir SE, Palsson R, Indridason OS. Incidence of kidney stone disease in Icelandic children and adolescents from 1985 to 2013: results of a nationwide study. *Pediatric Nephrology*. 2018;33(8):1375-1384. PMID: 29626242

Edvardsson Vidar O, Runolfsdottir Hrafnhildur L, Thorsteinsdottir Unnur A, Agustsdottir Inger M Sch, Oddsdottir G Steinunn, Eiriksson Finnur, Goldfarb David S, Thorsteinsdottir Margret, Palsson Runolfur. Comparison of the effect of allopurinol and febuxostat on urinary 2,8-dihydroxyadenine excretion in patients with APRT deficiency: A clinical trial. *Eur. J. Intern. Med*, 2018 Feb;48:75-79. doi: 10.1016/j.ejim.2017.10.007. PMID: 29241594 PMCID: PMC5817015

Espersen ADL, Noren-Nyström U, Abrahamsson J, Ha SY, Pronk CJ, Jahnukainen K, Jónsson ÓG, Lausen B, Palle J, Zeller B. Acute myeloid leukemia (AML) with t(7;12)(q36;p13) is associated with infancy and trisomy 19: Data from Nordic Society for Pediatric Hematology and Oncology (NOPHO-AML) and review of the literature. *Genes, Chromosomes and Cancer*. 2018;57(7):359-65

Espersen ADL, Norén-Nyström U, Abrahamsson J, Ha SY, Pronk KJ, Jahnukainen K, Jónsson ÓG, Lausen B, Palmqvist L, Hasle H. AML with t(7;12)(q36;p13) is associated with infancy and trisomy 19. Data from NOPHO AML and review of the literature. *Genes Chromosomes & Cancer* 2018,57(7);259-365.

Eythorsson E, Hrafnkelsson B, Erlendsdóttir H, Gudmundsson SA, Kristinsson KG, Haraldsson Á. Decreased Acute Otitis Media With Treatment Failure After Introduction of the Ten-valent Pneumococcal Haemophilus influenzae Protein D Conjugate Vaccine. *The Pediatric infectious disease journal*. 2018;37(4):361-6

Eythorsson E, Sigurdsson S, Hrafnkelsson B, Erlendsdottir H, Haraldsson A, Kristinsson KG. Impact of the 10-valent pneumococcal conjugate vaccine on antimicrobial prescriptions in young children: a whole population study. *Bmc Infectious Diseases*. 2018;18(1):505

Fidler MM, Reulen RC, Winter DL, Allodji RS, Bagnasco F, Bárði E, Bautz A, Bright CJ, Byrne J, Feijen EA. Risk of subsequent bone cancers among 69 460 five-year survivors of childhood and adolescent cancer in Europe. *JNCI: Journal of the National Cancer Institute*. 2018;110(2)

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### **Fyrirlestrar á íslenskum ráðstefnum**

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### **Fyrirlestrar á alþjóðlegum / norrænum ráðstefnum**

*(Hér er átt við heiti fyrirlestrar, nafn flytjanda, hvenær fyrirlesturinn var haldinn, borg og land. Tekið skal fram ef um boðsfyrirlestur er að ræða)*

Ásgeir Haraldsson The epidemiology of pneumococcal disease as we approach a decade of higher-valent PCV use. International symposium of pneumococci and pneumococcal diseases (ISPPD), 11th symposium, Melbourne, Australia, 15-19 April 2018.

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Ásgeir Haraldsson Community acquired pneumonia and pneumococcal disease. NSCMID 2018.

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Valtýr Stefánsson ThorsInvited speaker á: Annual Nordic Society for Clinical Microbiology and Infectious Diseases (NSCMID) meeting: Microbiomics – is this where the future is decided? & Review of the 2017 literature in paediatric infectious diseases.

### **Veggspjöld sýnd á íslenskum ráðstefnum**

*(Hér er átt við heiti verkefnis, nafn rannsakanda, hvar og hvenær veggspjaldið var sýnt)*

Hrafnhildur L. Runólfssdóttir, Unnur A. Þorsteinsdóttir, Þorsteinn H. Bjarnason, Finnur F. Eiríksson, Margrét Þorsteinsdóttir, Runólfur Pálsson, Viðar Ö. Eðvarðsson. Development of a 2D-UPLC-MS/MS Assay for Therapeutic Monitoring in Patients with Adenine Phosphoribosyltransferase Deficiency. Þing Félags íslenskra lyflækna, Reykjavík, 30. nóvember til 1. desember, 2018. Læknablaðið/Fylgirit 98 - XXIII. Veggspjald 20.

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### **Veggspjöld sýnd á alþjóðlegum / norrænum ráðstefnum**

*(Hér er átt við heiti verkefnis, nafn rannsakanda, hvar og hvenær veggspjaldið var sýnt, borg og land)*

Albertsen BK, Abrahamsson J, Lund B, Jonsson O.G. et al.: Intermittent vs. continuous asparaginase to reduce asparaginase-associated toxicities: A NOPHO ALL-2008 randomized study. NOPHO annual meeting, Vilnius, Lithuania, Abstract OP-16, June 2018.

Anastasopoulou S, Heyman M, Eriksson M.A., Jonsson O.G. et al.: PRES in Pediatric ALL Patients Treated According to the Nordic NOPHO ALL-2008 Protocol. Annual Meeting of ASPHO, May 2-5, 2018, Pittsburgh, PA. PEDIATRIC BLOOD & CANCER Volume: 65 Supplement: 2 Pages: S84-S85 Meeting Abstract: PD-015 Published: NOV 2018

Elías Eypórsson, Samúel Sigurðsson, Birgir Hrafnkelsson, Helga Erlendsdóttir, Ásgeir Haraldsson, Karl G. Kristinsson. Pneumococcal vaccination in Iceland: PHiD-CV10 effectiveness against all-cause antimicrobial prescriptions in children under three years of age International symposium of pneumococci and pneumococcal diseases (ISPPD), 11th symposium, Melbourne, Australia, 15-19 April 2018

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H. Sveinsdóttir, J.B. Björnsdóttir, H. Erlendsdóttir, M.Á. Hjálmarsdóttir, B. Hrafnkelsson, Á. Haraldsson, K.G. Kristinsson, G. Haraldsson. Pneumococcal vaccination in Iceland: The effect on *Haemophilus influenzae* in carriage and middle ear and the prevalence of the hpd gene. International symposium of pneumococci and pneumococcal diseases (ISPPD), 11th symposium, Melbourne, Australia, 15-19 April 2018

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Mogensen, PR, Wolthers B.O., Grell K, Jonsson O.G. et al. Association between body mass index and pancreatitis in children with acute lymphoblastic leukemia. NOPHO annual meeting, Vilnius, Lithuania, Abstract FP-20, June 2018.

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Samúel Sigurðsson, Elías Eypórsson, Birgir Hrafnkelsson, Helga Erlendsdóttir, Karl G. Kristinsson, Ásgeir Haraldsson. Pneumococcal vaccination in Iceland: The effect on all-cause otitis media in primary care – a whole population study. International symposium of pneumococci and pneumococcal diseases (ISPPD), 11th symposium, Melbourne, Australia, 15-19 April 2018

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Svensson, E; Tuckuviene, R; Ranta, S; et al.: ABO blood group as a predictor for thrombosis in children and adolescents with acute lymphoblastic leukemia (ALL). NOPHO annual meeting, Vilnius, Lithuania, Abstract FP-18, June 2018.

Unnur A. Thorsteinsdóttir, Hrafnhildur L. Runolfsdóttir, Finnur F. Eiríksson, Thorsteinn H. Bjarnason, Vidar O. Edvardsson, Runolfur Palsson, Margret Thorsteinsdóttir. Development of a UPLC-MS/MS assay for monitoring of pharmacotherapy in patients with APRT deficiency utilizing Design of Experiments.



Skilafrestur er til 14. febrúar 2019

66th ASMS Conference on Mass Spectrometry and Allied Topics, San Diego, California, USA, 3-7 June, 2018.

Vidar O. Edvardsson, Unnur A. Thorsteinsdottir, Hrafnhildur L. Runolfsson, Thorsteinn H. Bjarnason, Finnur F. Eiriksson, Margret Thorsteinsdottir, Runolfur Palsson. Development of a 2D-UPLC-MS/MS Plasma Assay for Therapeutic Monitoring in Patients with APRT Deficiency. Annual Meeting of the American Society of Nephrology, San Diego, CA, USA, 2018. J Am Soc Nephrol, October 2018, Volume 29, page 306A, Abstract Supplement, [www.asn-online.org](http://www.asn-online.org)

Tzu-Ling Lin, Robert J. Unwin, Jill T. Norman, Vidar O. Edvardsson, Runolfur Palsson, Peter R. Rich. Diagnosis of Adenine Phosphoribosyltransferase Deficiency by ATR-FTIR Spectroscopy. Annual Meeting of the American Society of Nephrology, San Diego, CA, USA, 2018. J Am Soc Nephrol, October 2018, Volume 29, page 306A, Abstract Supplement, [www.asn-online.org](http://www.asn-online.org)

**Annað:**

Valtýr Stefánsson Thors Seta í Vísindaráði LSH (Frá 2018)