

Þekking í þágu hestins

Hvað er gert og hvert liggur leiðin?

Sveinn Ragnarsson

Háskólinn á Hólum



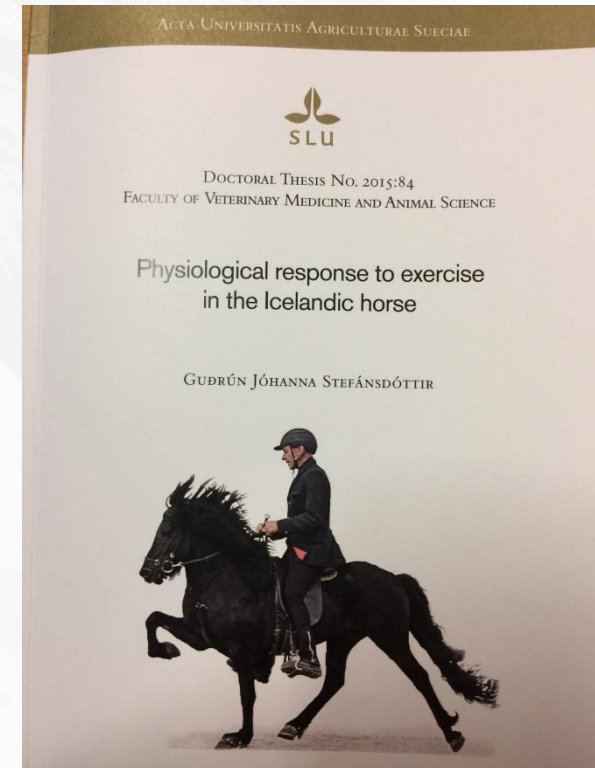
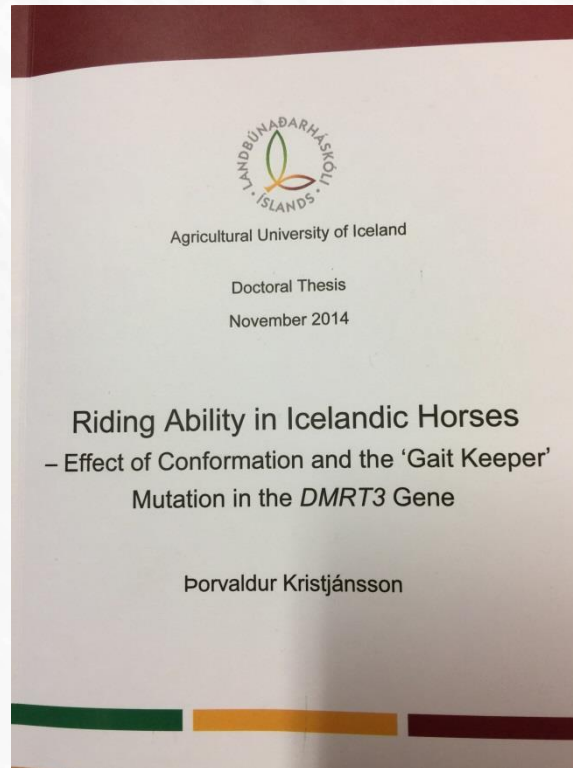
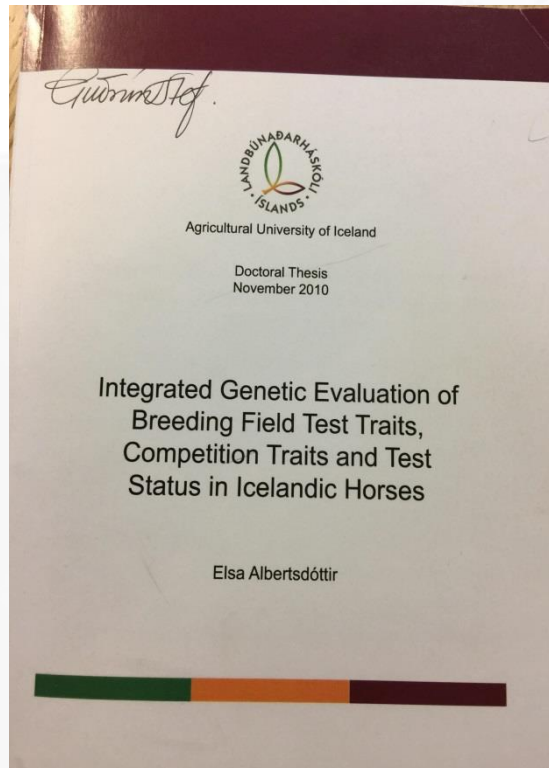
Samvinna – Forsenda framfara

- Vísindi og hrossarækt eiga samleið
- Samvinna skilar árangri
 - Hrossaræktendur
 - Leiðbeiningaþjónustan
 - Rannsóknir – vísindi nýtt til framfara
- Gagnkvæmt traust er forsendan
- Ákvarðanir byggðar á bestu fáanlegu þekkingu
- Ný þekking getur kallað á breytingar en ákveðin fastheldni er mikilvæg – langhlaup

Rannsóknir - Menntun - Framfarir

- Búvísindi – Kynbótafræði - Erfðafræði
 - Erfðaframfarir
 - Erfðastuðlar
 - Skeiðgen
- Dýralækningar – heilbrigði
 - Spatt
 - Frjósemi
 - Áverkar
 - Hófalengd
- Hestafræði - Reiðmennska – Úrvinnsla
 - Hröð þróun síðustu ár – BS nám
 - Bætt reiðmennska og þjálfun
 - Vönduð tamning

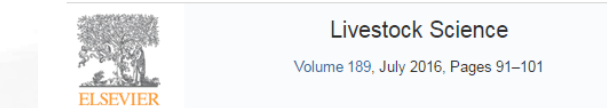
Nýlegar PhD ritgerðir



Alþjóðleg birting rannsókna



Original Research
Pressure Algometry in Icelandic Horses: Interexaminer and Intraexaminer Reliability
Eveline S. Menke^a, Guy Blom^a, Johannes P.A.M. van Loon^a, Willem Back^a
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<http://dx.doi.org/10.1016/j.jevs.2015.10.007>



Association of conformation and riding ability in Icelandic horses

Thorvaldur Kristjánsson^a, Sigríður Björnsdóttir^b, Elsa Albertsdóttir^a, Agust Sig P. Pourcelot^c, N. Crevier-Denoix^c, Thorvaldur Arnason^a
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<http://dx.doi.org/10.1016/j.livsci.2016.05.010>



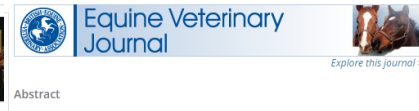
Article

Oral administration of transgenic barley expressing a Culicoides allergen induces specific antibody response

S. Jonsdottir, V. Svansson, S. B. Stefansdottir, E. Mäntylä, E. Marti, S. Torsteinsdottir

Accepted manuscript online: 17 November 2016 Full publication history

DOI: 10.1111/evj.12655 View/save citation



Abstract

Influence of Hoof Mass on Fore Hoof Swing Phase Trajectory and Velocity at Impact in Tölting Icelandic Horses

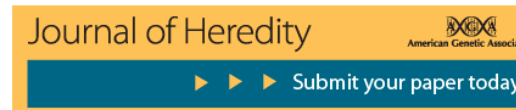
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Equine



Oxford Journals > Science & Mathematics > Journal of Heredity > Advance Access > 10.1093/j



The most recent version of this article was published on 2016-06-28

Conformation Traits and Gaits in the Icelandic Horse are Associated with Genetic Variants in *Myostatin (MSTN)*

Liesbeth François, Kim Jäderkvist Fegraeus, Susanne Eriksson, Lisa S. Andersson, Yohannes G. Tesfayonas, Agnese Viluma, Freyja Imsland, Nadine Buys, Sofia Mikko, Gabriella Lindgren and Brandon D. Velie

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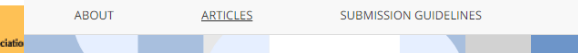
Volume 26, Issue 15, 8 August 2016, Pages R697–R699

Correspondence

The origin of ambling horses

Saskia Wutke¹, Leif Andersson^{2,3}, Norbert Benecke⁴, Edson Sandoval-Castellanos⁵, Javier Gonzalez⁶, Jón Hallsteinn Hallsson⁷, Lembi Lõugas⁸, Ola Magnell⁹, Arturo Morales-Muniz¹⁰, Ludovic Orlando¹¹, Albina Hulda Páldadóttir⁷, Monika Reissmann¹², Mariana B. Muñoz-Rodríguez¹³, Matej Ruttkay¹⁴, Alexandra Arne Ludwig¹

Equinaria Scandinavica



ABOUT ARTICLES SUBMISSION GUIDELINES

Insulin concentration increases linearly with body condition in Icelandic horses

Gudrun J. Stéfánsdóttir and Sveinn Ragnarsson

Equinaria Scandinavica 2016 58:76 | DOI: 10.1186/s13028-016-0258-8 | © The Author(s) 2016
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Equine Veterinary Journal ISSN 0425-1644
DOI: 10.1111/evj.12370

Detection of early osteoarthritis in the centrodistal joints of Icelandic horses: Evaluation of radiography and low-field magnetic resonance imaging

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Mikilvægi rannsókna og þekkingar

- Öll þekking er þörf!
 - Búvísindi/líffræði
 - Framþróun í kynbóta- og erðafræðum og líffræði hestsins
 - Dýralækningar/heilbrigði
 - Velferð - exem
 - Hestafræði
 - Tamningafræði – þjálfunarfræði- reiðkennslufræði
 - Markaðsfræði
 - Er mest best – geta verið árekstrar - verðfelling?
 - Reiðhestakönnun FEIF
 - Listfræði
 - Er hrossarækt búvísindi eða listgrein - sköpun
 - Reiðlist!
 - Er eiginleikinn “Fegurð í reið” listrænt mat á það sem okkur finnst fallegt eða er þessi eiginleiki mat á virkni hestsins í reið?
 - Á allt að vera mælanlegt, eru hughrif verðmæti???

Hvert liggur leiðin?





Hvað er ætlunin að skapa?



Fig. 7. Is taste created while young?



Fig. 2. Two riding horses: Icelandic and American Saddlebred.

Heimild/myndir: Gréta Vilborg Guðmundsdóttir, 2014. *Products or Being? Development of the Image of the Icelandic Horse*. Master thesis. The Department of Design and Architecture, Iceland Academy of the Arts.

Hverju erum við vön? En aðrir?



We love this picture of Deep Impact winning an elimination of the William Wellwood Memorial! Heimild: sótt 28 nóvember 2016

http://www.imgrum.net/media/1072466441012954962_743946712

Hvað er í lagi að okkar mati? Hvar er okkar þröskuldur?



Soring is a vile practice in which caustic chemicals, chains, hard objects, cutting, and other gruesome techniques are used to injure the horses' front legs and hooves and force them to perform an artificially high-stepping gait known as the "big lick." Photo by The HSUS.
Heimild: sótt 28. nóvember 2016 <http://blog.humanesociety.org/wayne/2016/07/federal-rule-proposed-to-end-horse-soring-abuse.html>

Framtíðin er óviss – hraðar breytingar

- Hver verða helstu áherslumálin í framtíðinni ?
 - Keppni - markmið
 - verður alltaf einhverskonar íþróttahestur - gangtegundir
 - Útivist, afþreying, gangtegundir
 - einfaldleiki – öryggi/þægð – heilsa
 - Félagi, meðferðarfulltrúi?
 - Þörfin mun bara aukast fyrir hesta og náttúrutengingu
- Gaman og spennandi er kannski grundvallar forsendan!

Hrossarækt í 135 ár

- Hver verður þörfin?
 - Yfir 80% Evrópubúa munu búa í borgum eftir 30 - 40 ár
 - Ca. 4 kynslóðabil í hrossarækt
 - Kynbætur í sátt og tryggður framgangur og viðhald auðlindarinnar íslenski hesturinn – rannsóknir og ábyrg nálgun að kynbótum eða erfðatækni
 - Hverju ætlum við að skila af okkur?????



SVERIGES
LANTBRUKSUNIVERSITET

**Genetic Studies
on Conformation and Performance
of Icelandic Toelter Horses**

by Thorvaldur Árnason

“Dr. Þorvaldur Árnason is the ideological father of the research that was further developed.....”

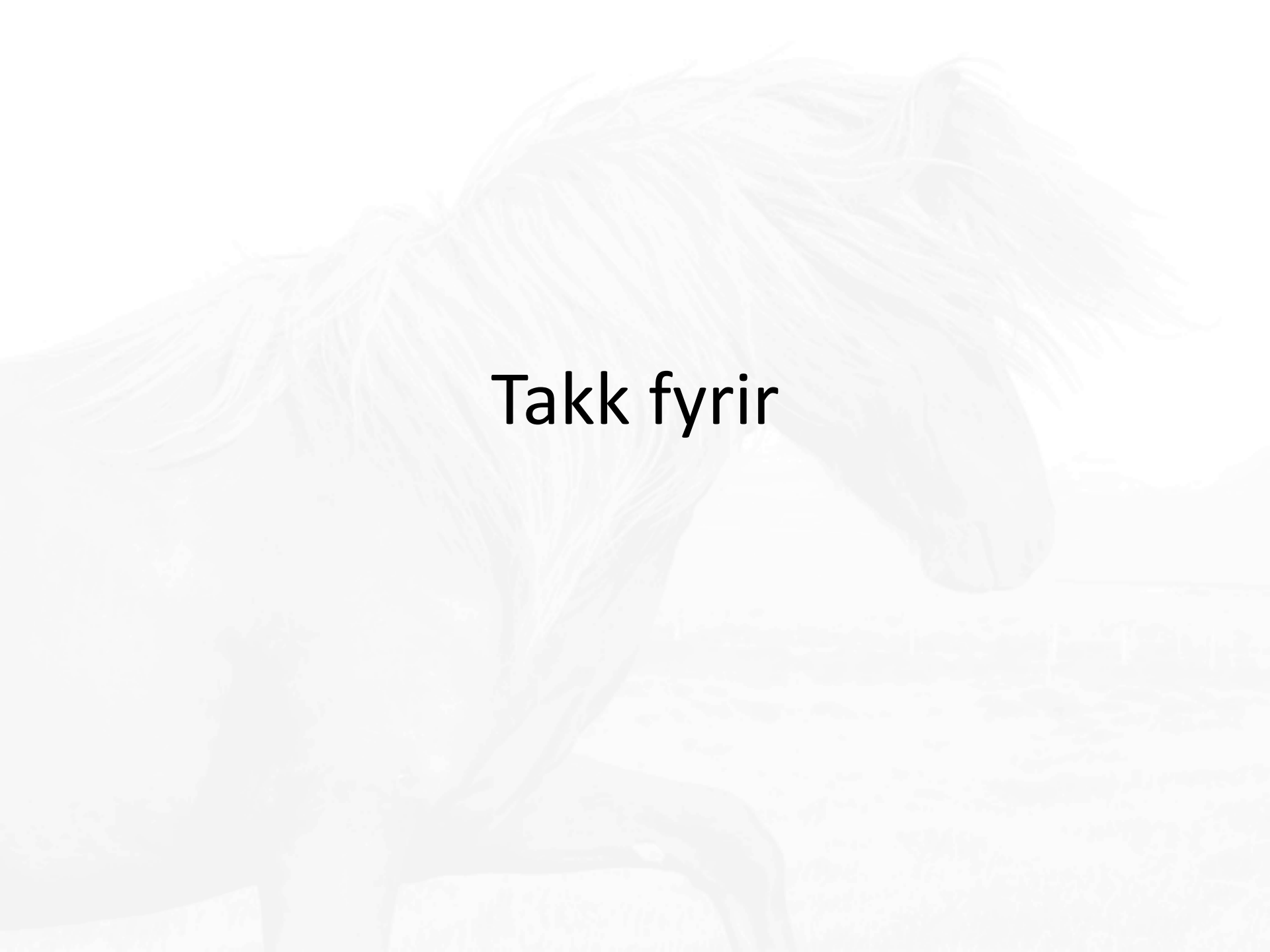
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Takk fyrir