

Accepted Manuscript

Mouse Model of Alagille Syndrome and Mechanisms of Jagged1 Missense Mutations

Emma R. Andersson, Indira V. Chivukula, Simona Hankeova, Marika Sjöqvist, Yat Long Tsoi, Daniel Ramsköld, Jan Masek, Aiman Elmansuri, Anita Hoogendoorn, Elenae Vazquez, Helena Storrvall, Julie Netušilová, Meritxell Huch, Björn Fischler, Ewa Ellis, Adriana Contreras, Antal Nemeth, Kenneth C. Chien, Hans Clevers, Rickard Sandberg, Vitezslav Bryja, Urban Lendahl

PII: S0016-5085(17)36336-9
DOI: [10.1053/j.gastro.2017.11.002](https://doi.org/10.1053/j.gastro.2017.11.002)
Reference: YGAST 61524

To appear in: *Gastroenterology*
Accepted Date: 2 November 2017

Please cite this article as: Andersson ER, Chivukula IV, Hankeova S, Sjöqvist M, Tsoi YL, Ramsköld D, Masek J, Elmansuri A, Hoogendoorn A, Vazquez E, Storrvall H, Netušilová J, Huch M, Fischler B, Ellis E, Contreras A, Nemeth A, Chien KC, Clevers H, Sandberg R, Bryja V, Lendahl U, Mouse Model of Alagille Syndrome and Mechanisms of Jagged1 Missense Mutations, *Gastroenterology* (2017), doi: 10.1053/j.gastro.2017.11.002.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Mouse Model of Alagille Syndrome and Mechanisms of Jagged1 Missense Mutations

Short title: Missense Jag1 provides Alagille insights

Emma R. Andersson^{1,2§*}, Indira V. Chivukula^{1,10,11 §}, Simona Hankeova^{1,2,3§}, Marika Sjöqvist², Yat Long Tsoi¹, Daniel Ramsköld⁴, Jan Masek², Aiman Elmansuri², Anita Hoogendoorn², Elenae Vazquez⁵, Helena Storvall⁹, Julie Netušilová³, Meritxell Huch^{6,7}, Björn Fischler⁸, Ewa Ellis⁹, Adriana Contreras⁵, Antal Nemeth⁸, Kenneth C. Chien¹, Hans Clevers⁶, Rickard Sandberg¹⁰, Vitezslav Bryja³, Urban Lendahl^{1*}

¹ Department of Cell and Molecular Biology, Karolinska Institutet, Stockholm, Sweden;

² Department of Biosciences and Nutrition, Karolinska Institutet, Stockholm, Sweden;

³ Institute of Experimental Biology, Faculty of Science, Masaryk University, Brno, Czech Republic;

⁴ Rheumatology Unit, Department of Medicine Solna, Karolinska Institutet, Karolinska University Hospital, Stockholm, Sweden;

⁵ Unidad de Investigación Biomédica en Cáncer, Instituto Nacional de Cancerología-Instituto de Investigaciones Biomédicas, Universidad Nacional Autónoma de México, México City, México;

⁶ Hubrecht Institute for Developmental Biology and Stem Cell Research, University Medical Centre Utrecht, Netherlands;

⁷ Present address: The Wellcome Trust/CRUK Gurdon Institute, Tennis Court Road, CB2, 1QN, Cambridge, UK

⁸ Karolinska University Hospital, Department of Pediatrics, CLINTEC, Karolinska Institutet, Stockholm, Sweden;

Download English Version:

<https://daneshyari.com/en/article/8726947>

Download Persian Version:

<https://daneshyari.com/article/8726947>

[Daneshyari.com](https://daneshyari.com)