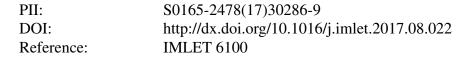
Accepted Manuscript

Title: INNATE LYMPHOID CELLS AND FIBROTIC REGULATION

Authors: Steven Horsburgh, Stephen Todryk, Andreas Ramming, Jörg H.W. Distler, Steven O'Reilly



To appear in: Immunology Letters

 Received date:
 19-6-2017

 Revised date:
 15-8-2017

 Accepted date:
 18-8-2017

Please cite this article as: Horsburgh Steven, Todryk Stephen, Ramming Andreas, Distler Jörg HW, O'Reilly Steven.INNATE LYMPHOID CELLS AND FIBROTIC REGULATION.*Immunology Letters* http://dx.doi.org/10.1016/j.imlet.2017.08.022

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.



ACCEPTED MANUSCRIPT

INNATE LYMPHOID CELLS AND FIBROTIC REGULATION

*Steven Horsburgh¹ Stephen Todryk¹ Andreas Ramming² Jörg H. W. Distler²

Steven O'Reilly¹

¹Department of Applied Sciences, Faculty of Health and Life Sciences, Northumbria University, Newcastle upon Tyne, UK

²Department of Internal Medicine 3 and Institute for Clinical Immunology, University of ErlangenNuremberg and University Hospital Erlangen, Erlangen, Germany

*corresponding author.

Highlights

- Innate lymphoid cells (ILCs) are immune cells that do not possess B or T cell receptors.
- They produce a variety of cytokines which regulate fibrosis.
- These cytokines activate TGF- β signalling and other immune cells.
- Dysregulation of ILC numbers has been observed in a number of pathologies.

Abstract

Innate lymphoid cells (ILCs) are innate immune cells that do not possess B or T cell receptors but belong to the lymphoid lineage. While these cells have not yet been extensively investigated since their classification as a homogenous group, emerging evidence suggests that they exert Download English Version:

https://daneshyari.com/en/article/8738357

Download Persian Version:

https://daneshyari.com/article/8738357

Daneshyari.com