Accepted Manuscript

Retinoic acid-related Orphan Receptor γ (ROR γ): connecting sterol metabolism to regulation of the immune system and autoimmune disease

Anton M. Jetten, Yukimasa Takeda, Andrzej Slominski, Hong Soon Kang

PII: S2468-2020(17)30137-7

DOI: 10.1016/j.cotox.2018.01.005

Reference: COTOX 122

To appear in: Current Opinion in Toxicology

Received Date: 8 November 2017
Revised Date: 27 December 2017
Accepted Date: 26 January 2018

Please cite this article as: A.M. Jetten, Y. Takeda, A. Slominski, H.S. Kang, Retinoic acid-related Orphan Receptor γ (RORγ): connecting sterol metabolism to regulation of the immune system and autoimmune disease, *Current Opinion in Toxicology* (2018), doi: 10.1016/j.cotox.2018.01.005.

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

Retinoic acid-related Orphan Receptor γ (ROR γ): connecting sterol metabolism to regulation of the immune system and autoimmune disease

Anton M. Jetten^{1*}, Yukimasa Takeda¹, Andrzej Slominski², and Hong Soon Kang¹

¹Cell Biology Section
Immunity, Inflammation, and Disease Laboratory
National Institute of Environmental Health Sciences
National Institutes of Health, Research Triangle Park, NC 27709, USA
²Department of Dermatology, Comprehensive Cancer Center Cancer Chemoprevention

Program, University of Alabama at Birmingham, Birmingham, AL 35249, USA

*To whom correspondence should be addressed:

Email: jetten@niehs.nih.gov; Tel: 919-541-2768

Keywords: retinoic acid-related orphan receptor; RORγ; oxysterols; metabolism; (inverse) agonists; cholesterol biosynthesis; vitamin D3; transcription; Th17 cells; autoimmune disease; inflammation

Short title: Sterol metabolism, RORs, and immune functions

Download English Version:

https://daneshyari.com/en/article/8920198

Download Persian Version:

https://daneshyari.com/article/8920198

<u>Daneshyari.com</u>