

EUR Research Information Portal

Hepatic NK cells in liver transplantation

Publication status and date:

Published: 07/12/2011

Document Version

Publisher's PDF, also known as Version of record

Citation for the published version (APA):

Moroso, V. (2011). *Hepatic NK cells in liver transplantation*. [Doctoral Thesis, Erasmus University Rotterdam]. Erasmus Universiteit Rotterdam (EUR).

[Link to publication on the EUR Research Information Portal](#)

Terms and Conditions of Use

Except as permitted by the applicable copyright law, you may not reproduce or make this material available to any third party without the prior written permission from the copyright holder(s). Copyright law allows the following uses of this material without prior permission:

- you may download, save and print a copy of this material for your personal use only;
- you may share the EUR portal link to this material.

In case the material is published with an open access license (e.g. a Creative Commons (CC) license), other uses may be allowed. Please check the terms and conditions of the specific license.

Take-down policy

If you believe that this material infringes your copyright and/or any other intellectual property rights, you may request its removal by contacting us at the following email address: openaccess.library@eur.nl. Please provide us with all the relevant information, including the reasons why you believe any of your rights have been infringed. In case of a legitimate complaint, we will make the material inaccessible and/or remove it from the website.

PROPOSITIONS

TO THE THESIS “HEPATIC NK CELLS IN LIVER TRANSPLANTATION”

By Viviana Moroso

1. Hepatic NK cells derive from hematopoietic CD34⁺ stem cells that are continuously recruited from peripheral blood. *This thesis*
2. Liver-specific NK cells contain a unique subset of CD56^{bright} cells that are physiologically activated, highly cytotoxic and differ from CD56^{bright} NK cells in other tissues. *This thesis*
3. After LTX, donor hepatic NK cells determine both short-term chimerism, by detaching from the graft and entering the recipient's circulation, and long-term chimerism by persisting in the grafted liver. *This thesis*
4. Depletion of donor liver NK cells prior to liver transplantation does not affect spontaneous graft tolerance in the PVG to DA rat strain combination. *This thesis*
5. Donor-versus-recipient NK-cell alloreactivity does not play a substantial role in LTX acceptance. *This thesis*
6. NK cells represent a wonderful biological paradox in that they appear fully competent to kill target cells yet are clearly self-tolerant. *J.P Di Santo, Nature Immunology, 2008*
7. Expression frequencies of individual KIRs are independent of MHC class I and are instead established and maintained by a dynamic, yet not very well defined, transcriptional program. *Bryceson, Editorial to the Journal of Innate Immunity, 2011*
8. If you gather scientific knowledge but are unable to convey it to others [the public] in a correct and compelling form, you might as well not even have bothered to gather the information. *Randy Olson, “Don't be such a scientist: talking substance in an age of style”, 2009*
9. The scientific paper is a fraud. It gives a totally misleading narrative of the processes of thought that go into the making of scientific discoveries. *From a BBC talk in 1964 by Sir Peter Medawar (Nobel Laureate in Medicine - 1960)*
10. We only see what we know. *Johann Wolfgang von Goethe*
11. The beauty of a sunset, the delight of a meal, the sight from the top of a mountain...are nothing if you can't share them with whom you love.