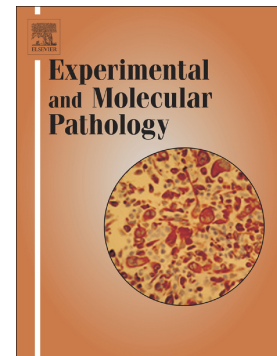


Accepted Manuscript

NKG2D ligand expression in Crohn's disease and NKG2D-dependent stimulation of CD8⁺ T cell migration

Kasper Vadstrup, Elisabeth Douglas Galsgaard, Helle Jensen, Lewis L. Lanier, James C. Ryan, Shih-Yu Chen, Garry P. Nolan, Marianne Kajbæk Vester-Andersen, Julie Steen Pedersen, Jens Gerwien, Teis Jensen, Flemming Bendtsen



PII: S0014-4800(16)30176-9

DOI: doi: [10.1016/j.yexmp.2017.06.010](https://doi.org/10.1016/j.yexmp.2017.06.010)

Reference: YEXMP 4063

To appear in: *Experimental and Molecular Pathology*

Received date: 27 July 2016

Revised date: 24 May 2017

Accepted date: 30 June 2017

Please cite this article as: Kasper Vadstrup, Elisabeth Douglas Galsgaard, Helle Jensen, Lewis L. Lanier, James C. Ryan, Shih-Yu Chen, Garry P. Nolan, Marianne Kajbæk Vester-Andersen, Julie Steen Pedersen, Jens Gerwien, Teis Jensen, Flemming Bendtsen, NKG2D ligand expression in Crohn's disease and NKG2D-dependent stimulation of CD8⁺ T cell migration, *Experimental and Molecular Pathology* (2017), doi: [10.1016/j.yexmp.2017.06.010](https://doi.org/10.1016/j.yexmp.2017.06.010)

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.

NKG2D ligand expression in Crohn's Disease and NKG2D-dependent stimulation of CD8⁺ T cell migration

Kasper Vadstrup^{1,2,3,4}, Elisabeth Douglas Galsgaard³, Helle Jensen⁴, Lewis L. Lanier⁴, James C. Ryan^{4,5}, Shih-Yu Chen⁶, Garry P. Nolan⁶, Marianne Kajbæk Vester-Andersen¹, Julie Steen Pedersen¹, Jens Gerwien³, Teis Jensen³ and Flemming Bendtsen^{1,2}.

Author affiliation:

¹ Gastrounit, Medical Division, Hvidovre University Hospital, DK-2650 Hvidovre, Denmark.

² Faculty of Health Sciences, The Panum Institute, University of Copenhagen, DK-2200 Copenhagen N, Denmark

³ Biopharmaceutical Research Unit, Novo Nordisk A/S, DK-2760 Maaloev, Denmark.

⁴ Department of Microbiology and Immunology, University of California, San Francisco, San Francisco, CA 94143, USA

⁵ Department of Medicine, Veterans Affairs Medical Center and University of California San Francisco, San Francisco, California, USA.

⁶ Department of Microbiology and Immunology, Stanford University, Stanford, CA 94305, USA
T.J. currently at Cphbusiness Laboratory and Environment, Hillerød, Denmark

Correspondence: Kasper Vadstrup, M.Sc.

Gastrounit, Medical Division, Hvidovre University Hospital, DK-2650 Hvidovre, Denmark.

Phone: 004540733251, Fax: 004544490555, E-mail: kaspervadstrup@hotmail.com

Abstract:

Interaction between the activating NKG2D receptor on lymphocytes and its ligands MICA, MICB, and ULBP1-6 modulate T and NK cell activity and may contribute to the pathogenesis of Crohn's disease (CD). NKG2D ligands are generally not expressed on the cell surface of normal, non-

Download English Version:

<https://daneshyari.com/en/article/5584433>

Download Persian Version:

<https://daneshyari.com/article/5584433>

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