# NIrp6

Nthnl Ch, Gst 22, 2017

#### ARTICLE

## NLRP6 Inflammasome Regulates Colonic Microbial Ecology and Risk for Colitis

Eran Elinav<sup>8</sup>, Till Strowig<sup>8</sup>, Andrew L. Kau, Jorge Henao-Mejia, Christoph A. Thaiss, Carmen J. Booth, David R. Peaper, John Bertin, Stephanie C. Eisenbarth, Jeffrey I. Gordon, Richard A. Flavell

### Inflammasome-mediated dysbiosis regulates progression of NAFLD and obesity

Jorge Henao-Mejia, Eran Elinav, Chengcheng Jin, Liming Hao, Wajahat Z. Mehal, Till Strowig, Christoph A. Thaiss, Andrew L. Kau, Stephanie C. Eisenbarth, Michael J. Jurczak, Joao-Paulo Camporez, Gerald I. Shulman, Jeffrey I. Gordon, Hal M. Hoffman & Richard A. Flavell

Affiliations | Contributions | Corresponding author

Nature 482, 179–185 (09 February 2012) | doi:10.1038/nature10809 Received 21 April 2011 | Accepted 22 December 2011 | Published online 01 February 2012



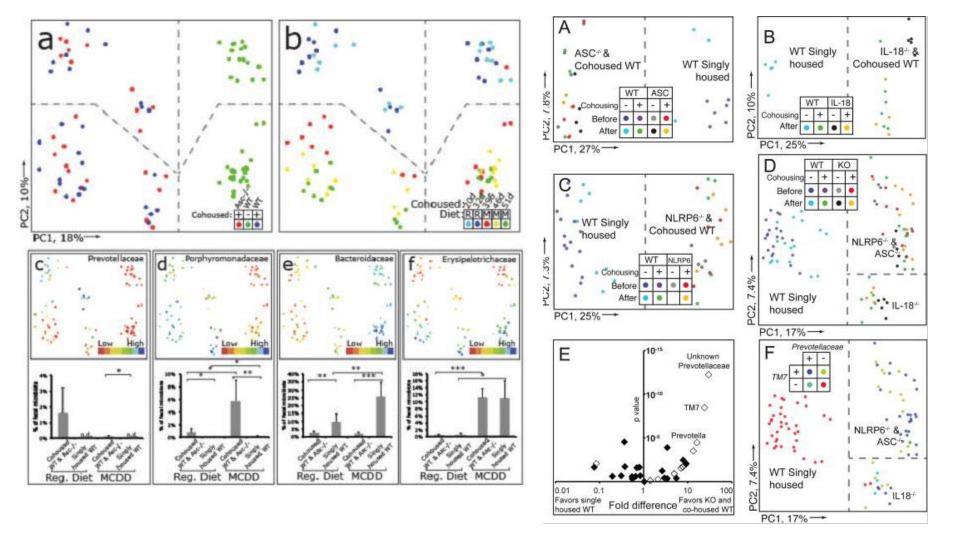


Volume 163, Issue 6, 3 December 2015, Pages 1428-1443

Article

Microbiota-Modulated Metabolites Shape the Intestinal Microenvironment by Regulating NLRP6 Inflammasome Signaling

Maayan Levy <sup>1, 13</sup>, Christoph A. Thaiss <sup>1, 13</sup>, David Zeevi <sup>2, 3</sup>, Lenka Dohnalová <sup>1</sup>, Gili Zilberman-Schapira <sup>1</sup>, Jemal Ali Mahdi <sup>1, 4</sup>, Eyal David <sup>1</sup>, Alon Savidor <sup>5</sup>, Tal Korem <sup>2, 3</sup>, Yonatan Herzig <sup>1</sup>, Meirav Pevsner-Fischer <sup>1</sup>, Hagit Shapiro <sup>1</sup>, Anette Christ <sup>6, 7</sup>, Alon Harmelin <sup>8</sup>, Zamir Halpern <sup>9, 10</sup>, Eicke Latz <sup>6, 7</sup>, Richard A. Flavell <sup>11, 12</sup>, Ido Amit <sup>1</sup> ... Eran Elinav <sup>1, 14</sup>  $\stackrel{8}{\times}$   $\stackrel{1}{\boxtimes}$ 



#### ARTICLE

### NIrp6- and ASC-Dependent Inflammasomes Do Not Shape the Commensal Gut Microbiota Composition

Michail Mamantopoulos<sup>12</sup>, Francesca Ronchi<sup>12</sup>, Filip Van Hauwermeiren, Sara Vieira-Silva, Bahtiyar Yilmaz, Liesbet Martens, Yvan Saeys, Stefan K. Drexler, Amir S. Yazdi, Jeroen Raes, Mohamed Lamkanfi, Kathy D. McCoy<sup>11,13</sup>, www. Andy Wullaert<sup>11</sup>

