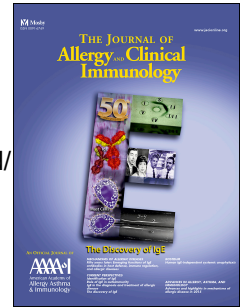


# Accepted Manuscript

Patterns of Immune Development in Urban Preschoolers with Recurrent Wheeze and/or Atopy

James E. Gern, MD, Agustin Calatroni, MS, Katy F. Jaffee, MS, Henry Lynn, PhD, Amy Dresen, BS, William W. Cruikshank, Howard M. Lederman, Hugh A. Sampson, MD, Wayne Shreffler, Leonard B. Bacharier, MD, Peter J. Gergen, MD, Diane R. Gold, MD, Meyer Kattan, MD, George T. O'Connor, MD, Megan T. Sandel, MD, Robert A. Wood, MD, Gordon R. Bloomberg, MD



PII: S0091-6749(17)30030-1

DOI: [10.1016/j.jaci.2016.10.052](https://doi.org/10.1016/j.jaci.2016.10.052)

Reference: YMAI 12575

To appear in: *Journal of Allergy and Clinical Immunology*

Received Date: 11 January 2016

Revised Date: 27 September 2016

Accepted Date: 17 October 2016

Please cite this article as: Gern JE, Calatroni A, Jaffee KF, Lynn H, Dresen A, Cruikshank WW, Lederman HM, Sampson HA, Shreffler W, Bacharier LB, Gergen PJ, Gold DR, Kattan M, O'Connor GT, Sandel MT, Wood RA, Bloomberg GR, Patterns of Immune Development in Urban Preschoolers with Recurrent Wheeze and/or Atopy, *Journal of Allergy and Clinical Immunology* (2017), doi: 10.1016/j.jaci.2016.10.052.

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.

# Patterns of Immune Development in Urban Preschoolers with

## Recurrent Wheeze and/or Atopy

James E. Gern MD,<sup>1</sup> Agustin Calatroni MS,<sup>2</sup> Katy F. Jaffee MS,<sup>2</sup> Henry Lynn PhD,<sup>2</sup> Amy Dresen BS,<sup>1</sup> William W. Cruikshank,<sup>3</sup> Howard M. Lederman,<sup>4</sup> Hugh A. Sampson MD,<sup>5</sup> Wayne Shreffler,<sup>6</sup> Leonard B. Bacharier MD,<sup>7</sup> Peter J. Gergen MD,<sup>8</sup> Diane R. Gold MD,<sup>9</sup> Meyer Kattan MD,<sup>10</sup> George T. O'Connor MD,<sup>3</sup> Megan T. Sandel MD,<sup>3</sup> Robert A. Wood MD,<sup>4</sup> and Gordon R. Bloomberg MD<sup>7</sup>

<sup>1</sup>University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin

<sup>2</sup>Rho Inc., Chapel Hill, North Carolina

<sup>3</sup>Boston University School of Medicine, Boston, Massachusetts

<sup>4</sup>Johns Hopkins University School of Medicine, Baltimore, Maryland

<sup>5</sup>Icahn School of Medicine at Mount Sinai, New York, NY

<sup>6</sup>Center for Immunology and Inflammatory Diseases, Massachusetts General Hospital, Harvard Medicine School, Boston, Massachusetts

<sup>7</sup>Washington University School of Medicine and St Louis Children's Hospital, St. Louis, Missouri

<sup>8</sup>National Institute of Allergy and Infectious Diseases, Bethesda, Maryland

<sup>9</sup>The Channing Laboratory, Department of Medicine, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts

<sup>10</sup>Columbia University Medical Center, New York, New York

### Corresponding Author

James E. Gern MD

K4/918 CSC, 600 Highland Avenue

Madison WI 53792-9988 USA

Phone 608 263-6201, fax 608 265-2207

Email gern@medicine.wisc.edu

Download English Version:

<https://daneshyari.com/en/article/5647068>

Download Persian Version:

<https://daneshyari.com/article/5647068>

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