Children Developing Celiac Disease Have a Distinct Gut Microbiota Composition, IgA Response and Plasma Metabolome

Qian Huang

Boston College <https://orcid.org/0000-0002-2209-3661>

Yi Yang

Yale University School of Medicine

Vladimir Tolstikov

BERG LLC

Michael A. Kiebish

BERG LLC

Jonas F. Ludvigsson

Karolinska Institutet Department of Medical Epidemiology and Biostatistics

Noah W. Palm

Yale University School of Medicine

Johnny Ludvigsson

Linkopings universitet

Emrah Altindis (✉ altindis@bc.edu)

Boston College <https://orcid.org/0000-0001-9657-7602>

Research

Keywords: Celiac disease, Gut microbiota, IgA, Plasma metabolites, Pediatric autoimmunity

Posted Date: May 29th, 2020

DOI: <https://doi.org/10.21203/rs.3.rs-31797/v1>

License: © ⓘ This work is licensed under a Creative Commons Attribution 4.0 International License.

[Read Full License](#)

Abstract

The authors have removed this preprint from Research Square.