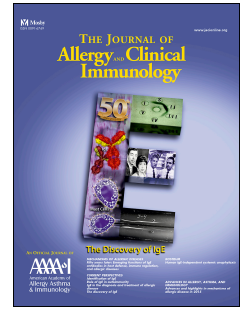


Accepted Manuscript

Defects in plasma cell differentiation is associated with primary immunodeficiency in humans

Qiang Pan-Hammarström, MD, PhD, Hassan Abolhassani, MD, PhD, Lennart Hammarström, MD, PhD



PII: S0091-6749(17)31755-4

DOI: [10.1016/j.jaci.2017.10.025](https://doi.org/10.1016/j.jaci.2017.10.025)

Reference: YMAI 13118

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

Received Date: 3 August 2017

Revised Date: 7 October 2017

Accepted Date: 11 October 2017

Please cite this article as: Pan-Hammarström Q, Abolhassani H, Hammarström L, Defects in plasma cell differentiation is associated with primary immunodeficiency in humans, *Journal of Allergy and Clinical Immunology* (2017), doi: 10.1016/j.jaci.2017.10.025.

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.

1 **Defects in plasma cell differentiation is associated with primary immunodeficiency in**
2 **humans**

3

4 Qiang Pan-Hammarström, MD, PhD¹, Hassan Abolhassani, MD, PhD¹, Lennart
5 Hammarström, MD, PhD^{1,2}

6

7 1. Division of Clinical Immunology, Department of Laboratory Medicine, Karolinska
8 University Hospital Huddinge, Karolinska Institutet, SE14186, Stockholm, Sweden.

9 2. BGI-Shenzhen, 518083, China

10

11

12 Corresponding author: Lennart Hammarström (lennart.hammarstrom@ki.se). Div. of Clinical
13 Immunology, F79, Department of Laboratory medicine, SE141 86 Stockholm, Sweden.

14 Phone: + 46 8 52483586; Fax: + 46 8 52483588

15

16

17 This work was supported by the Swedish Research Council, the Swedish Cancer Society and
18 the Center for Innovative Medicine at the Karolinska Institutet (CIMED).

19 Keywords: plasma cell; PID; CVID

Download English Version:

<https://daneshyari.com/en/article/8713265>

Download Persian Version:

<https://daneshyari.com/article/8713265>

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