## Accepted Manuscript

Plasma cell deficiency in humans with heterozygous mutations in SEC61A1

Desirée Schubert, Marie-Christine Klein, Sarah Hassdenteufel, Andrés Caballero-Oteyza, Linlin Yang, Michele Proietti, Alla Bulashevska, Janine Kemming, Johannes Kühn, Sandra Winzer, Stephan Rusch, Manfred Fliegauf, Alejandro A. Schäffer, Stefan Pfeffer, Roger Geiger, Adolfo Cavalié, Hongzhi Cao, Fang Yang, Yong Li, Marta Rizzi, Hermann Eibel, Robin Kobbe, Amy L. Marks, Brian P. Peppers, Robert W. Hostoffer, Jennifer M. Puck, Richard Zimmermann, Bodo Grimbacher



PII: S0091-6749(17)31265-4

DOI: 10.1016/j.jaci.2017.06.042

Reference: YMAI 12946

To appear in: Journal of Allergy and Clinical Immunology

Received Date: 6 August 2016

Revised Date: 30 May 2017

Accepted Date: 20 June 2017

Please cite this article as: Schubert D, Klein M-C, Hassdenteufel S, Caballero-Oteyza A, Yang L, Proietti M, Bulashevska A, Kemming J, Kühn J, Winzer S, Rusch S, Fliegauf M, Schäffer AA, Pfeffer S, Geiger R, Cavalié A, Cao H, Yang F, Li Y, Rizzi M, Eibel H, Kobbe R, Marks AL, Peppers BP, Hostoffer RW, Puck JM, Zimmermann R, Grimbacher B, Plasma cell deficiency in humans with heterozygous mutations in *SEC61A1*, *Journal of Allergy and Clinical Immunology* (2017), doi: 10.1016/j.jaci.2017.06.042.

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.

## ACCEPTED MANUSCRIPT

## 1 Plasma cell deficiency in humans with heterozygous mutations in SEC61A1

- 2 Desirée Schubert<sup>1,2,3\*</sup>, Marie-Christine Klein<sup>4</sup>, Sarah Hassdenteufel<sup>4</sup>, Andrés Caballero-
- 3 Oteyza<sup>1</sup>, Linlin Yang<sup>1</sup>, Michele Proietti<sup>1</sup>, Alla Bulashevska<sup>1</sup>, Janine Kemming<sup>1</sup>, Johannes Kühn<sup>1</sup>,
- 4 Sandra Winzer<sup>1</sup>, Stephan Rusch<sup>1</sup>, Manfred Fliegauf<sup>1</sup>, Alejandro A. Schäffer<sup>5</sup>, Stefan Pfeffer<sup>6</sup>,
- 5 Roger Geiger<sup>7,8</sup>, Adolfo Cavalié<sup>9</sup>, Hongzhi Cao<sup>10</sup>, Fang Yang<sup>10</sup>, Yong Li<sup>11</sup>, Marta Rizzi<sup>12</sup>,
- 6 Hermann Eibel<sup>1</sup>, Robin Kobbe<sup>13</sup>, Amy L. Marks<sup>14</sup>, Brian P. Peppers<sup>15</sup>, Robert W. Hostoffer<sup>15,16</sup>,
- 7 Jennifer M. Puck<sup>17</sup>, Richard Zimmermann<sup>3</sup> and Bodo Grimbacher<sup>1,18,#</sup>
- 8 <sup>1</sup>Center for Chronic Immunodeficiency, Medical Center University of Freiburg, Faculty of
- 9 Medicine, University of Freiburg, Germany;
- <sup>2</sup> Spemann Graduate School of Biology and Medicine, University of Freiburg, Germany;
- <sup>3</sup> Faculty of Biology, University of Freiburg, Germany;
- <sup>4</sup> Medical Biochemistry & Molecular Biology, Saarland University, Homburg, Germany;
- <sup>5</sup> National Center for Biotechnology Information, National Library of Medicine, National
- 14 Institutes of Health, Bethesda, Maryland, USA;
- <sup>6</sup> Department of Molecular Structural Biology, Max-Planck Institute of Biochemistry,
- 16 Martinsried, Germany;
- <sup>7</sup> Institute for Research in Biomedicine, Università della Svizzera italiana, Bellinzona,
- 18 Switzerland;
- <sup>8</sup> Institute of Microbiology, ETH Zürich, Zürich, Switzerland;
- <sup>9</sup> Experimental and Clinical Pharmacology and Toxicology, Saarland University, Homburg,
- 21 Germany;
- <sup>10</sup> BGI-Shenzhen, Shenzhen 518083, China;
- <sup>23</sup> <sup>11</sup> Department of Medicine, Division of Nephrology, University Medical Center Freiburg,
- 24 Germany;
- <sup>12</sup> Department of Rheumatology and Clinical Immunology, Medical Center-University of
- 26 Freiburg, Faculty of Medicine, University of Freiburg, Germany;
- <sup>13</sup> Department of Pediatrics, University Medical Centre Hamburg, Germany;
- 28 <sup>14</sup> Beaumont Child Children's Hospital Troy, Michigan, USA
- <sup>15</sup> University Hospitals Cleveland Medical Center Allergy-Immunology Fellowship Program
- 30 Cleveland, Ohio, USA;
- 31 <sup>16</sup> Allergy and Immunology Associates, Inc. Mayfield Hts, Ohio, USA

Download English Version:

## https://daneshyari.com/en/article/8713292

Download Persian Version:

https://daneshyari.com/article/8713292

Daneshyari.com