

# Accepted Manuscript

Blocking antibodies induced by immunization with a hypoallergenic parvalbumin mutant reduce allergic symptoms in a mouse model of fish allergy

Raphaela Freidl, MSc, Antonia Gstoettner, MSc, Ulrike Baranyi, PhD, Ines Swoboda, PhD, Frank Stolz, PhD, Margarete Focke-Tejkl, PhD, Thomas Wekerle, MD, Ronald van Ree, PhD, Rudolf Valenta, MD, Birgit Linhart, PhD

PII: S0091-6749(16)31348-3

DOI: [10.1016/j.jaci.2016.10.018](https://doi.org/10.1016/j.jaci.2016.10.018)

Reference: YMAI 12460

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

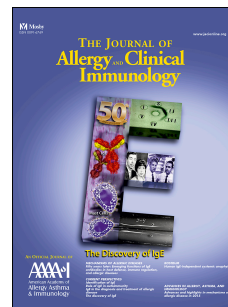
Received Date: 24 July 2014

Revised Date: 18 August 2016

Accepted Date: 5 October 2016

Please cite this article as: Freidl R, Gstoettner A, Baranyi U, Swoboda I, Stolz F, Focke-Tejkl M, Wekerle T, van Ree R, Valenta R, Linhart B, Blocking antibodies induced by immunization with a hypoallergenic parvalbumin mutant reduce allergic symptoms in a mouse model of fish allergy, *Journal of Allergy and Clinical Immunology* (2016), doi: 10.1016/j.jaci.2016.10.018.

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 **Blocking antibodies induced by immunization with a hypoallergenic**  
2 **parvalbumin mutant reduce allergic symptoms in a mouse model of fish allergy**

3 Raphaela Freidl, MSc,<sup>a1</sup> Antonia Gstoettner, MSc,<sup>a1</sup> Ulrike Baranyi, PhD,<sup>b</sup> Ines  
4 Swoboda, PhD,<sup>a</sup> Frank Stolz, PhD,<sup>c</sup> Margarete Focke-Tejkl, PhD,<sup>a</sup> Thomas Wekerle,  
5 MD,<sup>b</sup> Ronald van Ree, PhD,<sup>d</sup> Rudolf Valenta, MD,<sup>a</sup> and Birgit Linhart, PhD<sup>a</sup>

6  
7 <sup>a</sup>Division of Immunopathology, Department of Pathophysiology and Allergy  
8 Research, Center for Pathophysiology, Infectiology and Immunology, Medical  
9 University of Vienna, Austria, <sup>b</sup>Division of Transplantation, Department of Surgery,  
10 Medical University of Vienna, Austria, <sup>c</sup>Biomay AG, Vienna, Austria, <sup>d</sup>Departments of  
11 Experimental Immunology and of Otorhinolaryngology, Academic Medical Center,  
12 Amsterdam, Netherlands

13  
14 <sup>1</sup>authors are co-first authors listed in alphabetical order

15  
16 Corresponding author:

17 Birgit Linhart, PhD

18 Division of Immunopathology

19 Dept. of Pathophysiology and Allergy Research

20 Center of Pathophysiology, Infectiology and Immunology

21 Medical University of Vienna

22 Waehringer Guertel 18-20

23 A-1090 Vienna, Austria

24 Tel: +43-1-40400-51150

25 Fax : +43-1-40400-51300

26 Email: birgit.linhart@meduniwien.ac.at

Download English Version:

<https://daneshyari.com/en/article/5646547>

Download Persian Version:

<https://daneshyari.com/article/5646547>

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