

## Accepted Manuscript

Title: Effects of  $\text{Ca}^{2+}$ , Glu and GABA on hBest1 and composite hBest1/POPC surface films

Authors: Tonya D. Andreeva, Svetla D. Petrova, Kirilka Mladenova, Veselina Moskova-Doumanova, Tanya Topouzova-Hristova, Yulia Petseva, Nikola Mladenov, Konstantin Balashev, Zdravko Lalchev, Jordan A. Doumanov



PII: S0927-7765(17)30701-4  
DOI: <https://doi.org/10.1016/j.colsurfb.2017.10.051>  
Reference: COLSUB 8932

To appear in: *Colloids and Surfaces B: Biointerfaces*

Received date: 22-7-2017  
Revised date: 11-10-2017  
Accepted date: 17-10-2017

Please cite this article as: Tonya D.Andreeva, Svetla D.Petrova, Kirilka Mladenova, Veselina Moskova-Doumanova, Tanya Topouzova-Hristova, Yulia Petseva, Nikola Mladenov, Konstantin Balashev, Zdravko Lalchev, Jordan A.Doumanov, Effects of  $\text{Ca}^{2+}$ , Glu and GABA on hBest1 and composite hBest1/POPC surface films, Colloids and Surfaces B: Biointerfaces <https://doi.org/10.1016/j.colsurfb.2017.10.051>

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.

## Effects of $\text{Ca}^{2+}$ , Glu and GABA on hBest1 and composite hBest1/POPC surface films

**Tonya D. Andreeva<sup>a</sup>, Svetla D. Petrova<sup>b</sup>, Kirilka Mladenova<sup>b</sup>, Veselina Moskova-Doumanova<sup>c</sup>, Tanya Topouzova-Hristova<sup>c</sup>, Yulia Petseva<sup>b</sup>, Nikola Mladenov<sup>b,d</sup>, Konstantin Balashev<sup>e</sup>, Zdravko Lalchev<sup>b</sup> and Jordan A. Doumanov<sup>b,\*</sup>**

<sup>a</sup>Institute of Biophysics and Biomedical Engineering, Bulgarian Academy of Sciences, Acad. G. Bonchev Str., Bl. 21, 1113 Sofia, Bulgaria

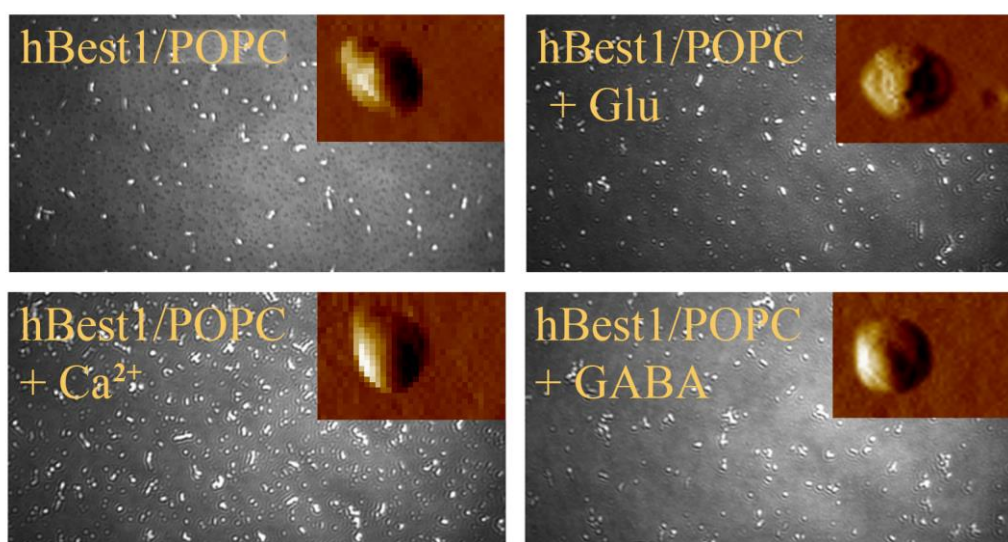
<sup>b</sup>Sofia University “St. Kliment Ohridski”, Department of Biochemistry, Faculty of Biology, 8 Dragan Tzankov str., 1164 Sofia, Bulgaria

<sup>c</sup>Sofia University “St. Kliment Ohridski”, Department of Cytology, Histology and Embryology, Faculty of Biology, 8 Dragan Tzankov str., 1164 Sofia, Bulgaria

<sup>d</sup>Medical University-Sofia, Department of Biology, Faculty of Medicine, 1 Sv. Georgi Sofiiski Str., BG-1431 Sofia, Bulgaria

<sup>e</sup>Sofia University “St. Kliment Ohridski”, Department of Physical Chemistry, Faculty of Chemistry and Pharmacy, 1 James Bourchier Blvd., 1164 Sofia, Bulgaria

\*Corresponding author; E-mail: doumanov@biofac.uni-sofia.bg; Tel. +359 2 8167 204; Fax: +359 2 865 66 41.



**Graphical abstract**

Download English Version:

<https://daneshyari.com/en/article/6980737>

Download Persian Version:

<https://daneshyari.com/article/6980737>

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