

Accepted Manuscript

Computational modeling of synergistic interaction between $\alpha V\beta 3$ integrin and VEGFR2 in endothelial cells: implications for the mechanism of action of angiogenesis-modulating integrin-binding peptides

Hojjat Bazzazi , Yu Zhang , Mohammad Jafarnejad ,
Aleksander S. Popel

PII: S0022-5193(18)30319-9
DOI: [10.1016/j.jtbi.2018.06.029](https://doi.org/10.1016/j.jtbi.2018.06.029)
Reference: YJTBI 9525



To appear in: *Journal of Theoretical Biology*

Received date: 12 December 2017
Revised date: 13 June 2018
Accepted date: 25 June 2018

Please cite this article as: Hojjat Bazzazi , Yu Zhang , Mohammad Jafarnejad , Aleksander S. Popel , Computational modeling of synergistic interaction between $\alpha V\beta 3$ integrin and VEGFR2 in endothelial cells: implications for the mechanism of action of angiogenesis-modulating integrin-binding peptides, *Journal of Theoretical Biology* (2018), doi: [10.1016/j.jtbi.2018.06.029](https://doi.org/10.1016/j.jtbi.2018.06.029)

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.

Highlights

- Modified the title of the manuscript from "anti-angiogenic" in the original title to "angiogenesis-modulating" to better describe the content of the manuscript
- Produced additional supplementary figures for clarification of choice of variables and steady-state behaviors of the study
- Unified the notation of integrin and its phosphorylated form throughout the manuscript
- Included comments and clarifying statements in the manuscript according to reviewer's suggestions and comments

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8876504>

Download Persian Version:

<https://daneshyari.com/article/8876504>

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