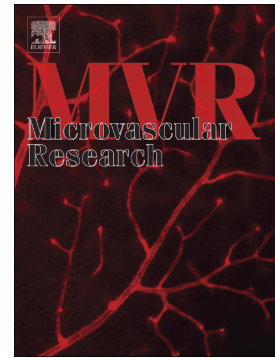


Accepted Manuscript

The pivotal role of angiogenesis in a multi-scale modeling of tumor growth exhibiting the avascular and vascular phases

Hooman Salavati, M. Soltani, Saeid Amanpour



PII: S0026-2862(17)30255-8
DOI: doi:[10.1016/j.mvr.2018.05.001](https://doi.org/10.1016/j.mvr.2018.05.001)
Reference: YMVRE 3791
To appear in: *Microvascular Research*
Received date: 25 November 2017
Revised date: 28 April 2018
Accepted date: 3 May 2018

Please cite this article as: Hooman Salavati, M. Soltani, Saeid Amanpour , The pivotal role of angiogenesis in a multi-scale modeling of tumor growth exhibiting the avascular and vascular phases. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Ymvre*(2017), doi:[10.1016/j.mvr.2018.05.001](https://doi.org/10.1016/j.mvr.2018.05.001)

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.

The Pivotal Role of Angiogenesis in a Multi-scale Modeling of Tumor Growth

Exhibiting the Avascular and Vascular Phases

Hooman Salavati¹, M. Soltani^{2,3,4,5,6}, Saeid Amanpour⁶

¹ Department of Mechanical Engineering, Pardis Branch, Islamic Azad University, Pardis, Iran.

² Department of Mechanical Engineering, K. N. Toosi University of Technology, Tehran, Iran.

³ Computational Medicine Center, Tehran, Iran.

⁴ Division of Nuclear Medicine, Department of Radiology and Radiological Science, School of Medicine,
Johns Hopkins University, MD, USA.

⁵ Department of Earth & Environmental Sciences, University of Waterloo, Ontario, Canada

⁶ Cancer Biology Research Centre, Cancer Institute of Iran, Tehran University of Medical Sciences,
Tehran, Iran.

Download English Version:

<https://daneshyari.com/en/article/8340839>

Download Persian Version:

<https://daneshyari.com/article/8340839>

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