

## Accepted Manuscript

Title: Oxidized antithrombin is a dual inhibitor of coagulation and angiogenesis: Importance of low heparin affinity

Author: Asim Azhar Mohammad Sazzad Khan Akila  
Swaminathan Asma Naseem Suvro Chatterjee Mohamad  
Aman Jairajpuri



PII: S0141-8130(15)30016-7  
DOI: <http://dx.doi.org/doi:10.1016/j.ijbiomac.2015.10.013>  
Reference: BIOMAC 5427

To appear in: *International Journal of Biological Macromolecules*

Received date: 15-7-2015  
Revised date: 1-10-2015  
Accepted date: 5-10-2015

Please cite this article as: A. Azhar, M.S. Khan, A. Swaminathan, A. Naseem, S. Chatterjee, M.A. Jairajpuri, Oxidized antithrombin is a dual inhibitor of coagulation and angiogenesis: Importance of low heparin affinity, *International Journal of Biological Macromolecules* (2015), <http://dx.doi.org/10.1016/j.ijbiomac.2015.10.013>

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.

Oxidized antithrombin is a dual inhibitor of coagulation and angiogenesis: Importance of low heparin affinity

Asim Azhar<sup>#</sup>, Mohammad Sazzad Khan<sup>#</sup>, Akila Swaminathan<sup>§</sup>, Asma Naseem<sup>#</sup>, Suvro Chatterjee<sup>§</sup>,  
Mohamad Aman Jairajpuri<sup>#\*</sup>

<sup>#</sup>Protein Conformation and Enzymology Lab, Department of Biosciences, Jamia Millia Islamia, New Delhi-110025, India.

<sup>§</sup>Vascular Biology Lab, AU-KBC Research Centre, Anna University, MIT campus, Chennai, India.

**\*Corresponding Author:**

Mohamad Aman Jairajpuri

Professor

Protein Conformation and Enzymology Lab

Dept. of Biosciences

Jamia Millia Islamia (A Central University)

Jamia Nagar,

New Delhi-110025, India

Phone: 011-26981717- Extn. 3412

Cell: 091-9971259812

Email: mjairajpuri@jmi.ac.in

**Keywords:** Angiogenesis; Endogenous antiangiogenic proteins; Antithrombin; Heparin; Serpin; Coagulation; Tumor growth.

Download English Version:

<https://daneshyari.com/en/article/8330204>

Download Persian Version:

<https://daneshyari.com/article/8330204>

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