Author's Accepted Manuscript

Migration-inducing gene-7 independently predicts poor prognosis of human osteosarcoma and is associated with vasculogenic mimicry

Ke Ren, Jian Zhang, Xiaojie Gu, Sujia Wu, Xin Shi, Yicheng Ni, Yong Chen, Jun Lu, Zengxin Gao, Chen Wang, Nan Yao



www.elsevier.com/locate/vexcr

PII: S0014-4827(18)30271-4

DOI: https://doi.org/10.1016/j.yexcr.2018.05.008

Reference: YEXCR11032

To appear in: Experimental Cell Research

Received date: 20 January 2018 Revised date: 6 May 2018 Accepted date: 7 May 2018

Cite this article as: Ke Ren, Jian Zhang, Xiaojie Gu, Sujia Wu, Xin Shi, Yicheng Ni, Yong Chen, Jun Lu, Zengxin Gao, Chen Wang and Nan Yao, Migration-inducing gene-7 independently predicts poor prognosis of human osteosarcoma and is associated with vasculogenic mimicry, *Experimental Cell Research*, https://doi.org/10.1016/j.yexcr.2018.05.008

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 galley proof before it is published in its final citable 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.

ACCEPTED MANUSCRIPT

Migration-inducing gene-7 independently predicts poor prognosis of human osteosarcoma and is associated with vasculogenic mimicry

Ke Ren¹, Jian Zhang^{2, 3}, Xiaojie Gu⁴, Sujia Wu⁵, Xin Shi⁵, Yicheng Ni ^{6, 2, 3}, Yong Chen⁵, Jun Lu¹, Zengxin Gao¹, Chen Wang¹*, Nan Yao^{2, 3}**

¹Department of Orthopaedics, Zhongda Hospital, Southeast University, Nanjing, 210009, Jiangsu Province, P.R.China.

²Affiliated Hospital of Integrated Traditional Chinese and Western Medicine, Nanjing University of Chinese Medicine, Nanjing 210028, Jiangsu Province, P.R.China

³Laboratory of Translational Medicine, Jiangsu Province Academy of Traditional Chinese Medicine, Nanjing 210028, Jiangsu Province, P.R.China

⁴Institute of Biotechnology, School of Environmental and Chemical Engineering, Dalian Jiaotong University, Dalian 116028, Liaoning Province, P.R.China

⁵Jinling Hospital, Department of Orthopedics, Nanjing University, School of Medicine, Nanjing 210002, Jiangsu Province, P.R.China.

⁶Department of Radiology, Faculty of Medicine, K.U. Leuven, Leuven 3000, Belgium.

chenwang_southeast@126.com(C. Wang), yaonan njutcm@126.com(N. Yao)

*Correspondence to: Chen Wang, Department of Orthopaedics, Zhongda Hospital, Southeast University, 87 Ding Jia Qiao, Nanjing, 210009, Jiangsu Province, P.R.China.

**Correspondence to: Nan Yao, Affiliated Hospital of Integrated Traditional Chinese and Western Medicine, Nanjing University of Chinese Medicine, Laboratory of Translational Medicine, Jiangsu Province Academy of Traditional Chinese Medicine, No.100, Shizi Street, Hongshan Road, Nanjing 210028, Jiangsu Province, P.R.China

Abstract

Vasculogenic mimicry (VM) is a special type of vascular channel formed by tumor cells without endothelial cell participation. Migration-inducing gene 7 (MIG-7) plays an important role in regulating VM. In this study, immunohistochemical staining was used to detect MIG-7 in tissue specimens from 141 primary osteosarcoma patients, and the relationship between MIG-7 and VM was examined. Survival analysis were performed to

Download English Version:

https://daneshyari.com/en/article/8450371

Download Persian Version:

https://daneshyari.com/article/8450371

<u>Daneshyari.com</u>