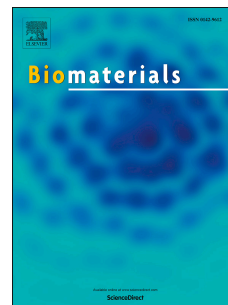


Accepted Manuscript

A novel plectin/integrin-targeted bispecific molecular probe for magnetic resonance/
near-infrared imaging of pancreatic cancer

Qian Wang, Hao Yan, Yushen Jin, Zihua Wang, Wenhui Huang, Jia Qiu, Feiyu Kang,
Kun Wang, Xinming Zhao, Jie Tian



PII: S0142-9612(18)30608-2

DOI: [10.1016/j.biomaterials.2018.08.048](https://doi.org/10.1016/j.biomaterials.2018.08.048)

Reference: JBMT 18854

To appear in: *Biomaterials*

Received Date: 13 April 2018

Revised Date: 16 August 2018

Accepted Date: 20 August 2018

Please cite this article as: Wang Q, Yan H, Jin Y, Wang Z, Huang W, Qiu J, Kang F, Wang K, Zhao X, Tian J, A novel plectin/integrin-targeted bispecific molecular probe for magnetic resonance/near-infrared imaging of pancreatic cancer, *Biomaterials* (2018), doi: 10.1016/j.biomaterials.2018.08.048.

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.

A Novel Plectin/Integrin-targeted Bispecific Molecular Probe for
Magnetic Resonance/Near-infrared Imaging of Pancreatic Cancer

Short title: Novel probe for early pancreatic cancer diagnosis

Qian Wang^{a,b#}, Hao Yan^{b,c#}, Yushen Jin^b, Zihua Wang^d, Wenhui Huang^b, Jia Qiu^b,
Feiyu Kang^c, Kun Wang^{b*}, Xinming Zhao^{a*}, Jie Tian^{b*}

These authors contributed equally to this work

* Corresponding authors

^a Department of imaging diagnosis National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, 100021, China

^b CAS Key Laboratory of Molecular Imaging, Institute of Automation Chinese Academy of Sciences, Beijing 100190, China

^c School of Materials Science and Engineering, Graduate School at Shenzhen, Tsinghua University, Beijing 100190, China

^d Key Laboratory of Colloid Interface and Chemical Thermodynamics, Institute of Chemistry Chinese Academy of Sciences, Beijing 100190, China

*Corresponding author:

E-mail: xinmingzh2017@yeah.net

E-mail: kun.wang@ia.ac.cn & jie.tian@ia.ac.cn

Download English Version:

<https://daneshyari.com/en/article/10130641>

Download Persian Version:

<https://daneshyari.com/article/10130641>

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