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Integrin signaling modes controlling cell migration and metastasis

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Curriculum Vitae (CV)

Hoa Hoang Truong was born on the 3rd of November 1977 in Reno, Nevada, U.S.A. In 1996, she completed her high school education at Edward C. Reed High school in Sparks, Nevada. During her Bachelor study, she interned at the Pharmacology department of University of Nevada, Reno (UNR) under the supervision of Dr. Svetlana Todorova, PhD, MD. Soon after, she obtained a Bachelor of Science degree in Biology and a minor in chemistry and computer science, in 2001 from UNR. After graduation, she worked for Sierra Biomedical, a division of Charles Rivers Laboratories as formulation technician. Following a brief career in the pharmaceutical industry, she returned to academia to pursue a Master of Science program, Molecular Cell Biology and Bioinformatics, at the University of Amsterdam in 2003. In 2004, she performed her Master internship in the Lab of Dr. Arnoud Sonnenberg, PhD under the supervision of Dr. Iman van den Bout, PhD and received her Master degree from the University of Amsterdam in 2006. In the same year, she started her doctoral study in the lab of Prof. Dr. Bob van de Water, PhD in the division of Toxicology, LACDR, Leiden University in the Group of Dr. Erik Danen, PhD. Currently, she is a post-doctoral researcher at the department of Molecular Biophysics at the Utrecht University in the Group of Prof. Dr. Hans Gerritsen, PhD.

List of Publications

1. Wilhelmsen K, Ketema M, **Truong H**, Sonnenberg A. KASH-domain proteins in nuclear migration, anchorage and other processes. *J Cell Sci.* 2006;119(24):5021-9.
2. van den Bout I, **Truong HH**, Huveneers S, Kuikman I, Danen EHJ, Sonnenberg A. The regulation of MacMARCKS expression by integrin $\beta 3$. *Exp Cell Res.* 2007;313(6):1260-9.
3. Huveneers S, **Truong H**, Danen EHJ. Integrins: Signaling, disease, and therapy. *Int J Radiat Biol.* 2007;83(11-12):743-51.
4. Huveneers S, **Truong H**, Fässler R, Sonnenberg A, Danen EHJ. Binding of soluble fibronectin to integrin $\alpha 5 \beta 1$ - link to focal adhesion redistribution and contractile shape. *J Cell Sci.* 2008;121(15):2452-62.
5. **Truong H**, Danen EHJ. Integrin switching modulates adhesion dynamics and cell migration. *Cell Adhesion and Migration.* 2009;3(2):179-81.
6. Le Dévédec SE, Yan K, De Bont H, Ghotra V, **Truong H**, Danen EH, Verbeek F, van de Water B. Systems microscopy approaches to understand cancer cell migration and metastasis. *Cellular and Molecular Life Sciences.* 2010;67(19):3219-40.
7. Damiano L, Le Dévédec SE, Di Stefano P, Repetto D, Lalai R, **Truong H**, Xiong JL, Danen EH, Yan K, Verbeek FJ, De Luca E, Attanasio F, Buccione R, Turco E, van de Water B, Defilippi P. p140Cap suppresses the invasive properties of highly metastatic MTLn3-EGFR cells via impaired cortactin phosphorylation. *Oncogene.* 2011.
8. **Truong HH**, de Sonnevile J, Ghotra VPS, Xiong JL, Price L, Hogendoorn P, Spaink H, van de Water B, Danen EHJ. Automated microinjection of cell-polymer suspensions for high throughput quantitative cancer invasion screens. *In the press-Biomaterials*
9. **Truong HH**, Ghotra VPS, Nirmala E, Le Dévédec SE, van der Helm D, Lalai R, He S, Snaar-Jagalska BE, Amiet A, Marcinkiewicz C, Vreugdenhil E, Meerman JHN, van de Water B, Danen EHJ. Integrin control of ZEB/miR-200 balance regulates tumor cell migration strategy and metastasis. *Manuscript Submitted*

