

Curriculum Vitae

	Name	Mingzhi Han
	Email	cloudhan@sina.cn ; mingzhi.han@uib.no

MOTIVATION

A passionate, adaptive and logical thinking person with a strongly interest in Neuro-oncology and Neuroscience research with more than 5 years' research experience, I am willing to develop new skills and contribute myself to current study of these fields.

WORK EXPERIENCE

Postdoctoral fellow (2017 - now)

K G Jebsen Brain Tumor Research Center, Department of Biomedicine, University of Bergen, Norway

EDUCATION

Doctor of Medicine (8-year Undergraduate and Doctoral program)

School of Medicine, Shandong University, China

Sep. 2009 - July. 2017

Major: Clinical Medicine (Neurosurgery)

International Undergraduate Research Program

Institute of Medical Science, University of Toronto,

May. 2013 – Oct. 2013

Major: Neuroscience

AWARDS

- *Doctoral academic scholarship*, Shandong University. Sep. 2016
- *Doctoral academic scholarship*, Shandong University. Sep. 2015
- *The 2nd Prize in the graduate Student Science and Technology Innovation Fund Program*, Shandong University, Jun. 2014
- *Admitted to China Scholarship Council Excellent Undergraduates Research Program*. May. 2013
- *National Undergraduates Science and Technology Innovation Fund*, Leader, Shandong University. Apr. 2013 – Apr. 2015
- *Undergraduate Student Science and Technology Innovation Fund*, Leader, Shandong University. Nov. 2011 – Apr. 2012

SCIENTIFIC EXPERIENCE (2011-now)

- Research interests: Identification of novel biomarkers in gliomas and brain tumor initiating cells. Explore the regulative mechanism of mesenchymal transition in gliomas.
- Project:
 1. High expression of RAB43 predicts poor prognosis and associates with epithelial-mesenchymal transition in gliomas. (First author, Published in *Oncology reports*)
 2. TAGLN2 is a candidate prognostic biomarker promoting tumorigenesis in human gliomas. (First author, *Journal of Experimental & Clinical Cancer Research*)
 3. STEAP3 mediates TGF β 1-promoted EMT and tumor-initiating features in gliomas (Co-first author, Manuscript)
 4. Blocking MIR22HG/microRNA-22 axis inhibits mesenchymal transition in gliomas (First author, In preparation)

- Enrolled in research project: Blockage of GSK3b-mediated Drp1 phosphorylation provides neuroprotection in neuronal and mouse models of Alzheimer's disease.(3rd Author)
Responsible for immunofluorescence, Co-IP assay to test the interaction between GSK3 β and DRP1 protein.
- Designed a project that studies the Dysregulation of Mitochondrial Dynamics in Gliomas and was awarded National Undergraduates Science and Technology Innovation Fund in 2013.

PUBLICATIONS

1. **Han M**, Xu R, Xu YY, et al. TAGLN2 is a candidate prognostic biomarker promoting tumorigenesis in human gliomas. *J Exp Clin Cancer Res.* 2017;36(1):155 (IF=6.22)
2. **Han M**, Xu R, Wang S, et al. Six-Transmembrane Epithelial Antigen of Prostate 3 Predicts Poor Prognosis and Promotes Glioblastoma Growth and Invasion. *Neoplasia.* 2018;20(6):543-554 (IF=5.0)
3. **Han M**, Huang B, Chen A, Zhang X, Li X* and Wang J*. High expression of RAB43 predicts poor prognosis and associates with epithelial-mesenchymal transition in gliomas. *Oncology Reports.* 2017. 37(2):903-912. (IF=2.9)
4. **Han M**, Guo L, Zhang Y, Huang B, Chen A, Chen W, Liu X, Sun S, Wang K, Liu A, Li X*. Clinicopathological and Prognostic Significance of CD133 in Glioma Patients: A Meta-Analysis. *Mol Neurobiol.* 2016 Jan;53(1):720-727. (IF=6.19)
5. Xu R, **Han M**, Zhang X, Zhang C, Zhang D, Huang B, Chen A, Wang J, Li X. Coiled-coil domain containing 109B is a HIF1 α -regulated gene critical for progression of human gliomas. *Journal of Translational Medicine* (In press, IF=3.79)
6. Ji J, Xu R, Zhang X, **Han M**, et al. Actin like-6A promotes glioma progression through stabilization of transcriptional regulators YAP/TAZ. *Cell Death Dis.* 2018;9(5):517 (IF=5.64)
7. Chen S, **Han M**, Chen W, He Y, & Li, X*. KIF1B promotes glioma migration and invasion via cell surface localization of MT1-MMP. *Oncology Reports.* (2016). Feb;35(2):971-977. (IF=2.66)
8. Yan J, Liu X, **Han M**, Wang Y, Sun X, Chen ZY*. Blockage of GSK3b-mediated Drp1 phosphorylation provides neuroprotection in neuronal and mouse models of Alzheimer's disease. *Neurobiol Aging.* (2015). 36(1), 211-227. (IF=5.12)

9. Xu Y, Zhang L, Wei Y, Zhang X, Xu R, **Han M**, Huang B, Chen A, Li W, Zhang Q, Li G, Wang J, Zhao P*, Li X*. Procollagen-lysine 2-oxoglutarate 5-dioxygenase 2 promotes hypoxia-induced glioma migration and invasion. *Oncotarget*. 2017 Apr 4;8(14):23401-23413.(IF=5.17)