

# **CURRICULUM VITAE**

Xiangqian Zheng

## **Personal:**

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## **Education:**

**2011-10 – 2013-10**

*Ph.D. (Molecular Oncology), Moffitt Cancer Center, USA*

**2010-6 – 2013-5**

*Ph.D. (Oncology), Tianjin Medical University, Tianjin, P.R. China*

**2000-6 – 2007-6**

*M.M., (Surgery), Medical college of NanKai University, Tianjin, P.R. China*

## **Professional Experience:**

**2019-Present:** *Professor*, Department of Thyroid and Neck tumour, Tianjin Cancer Institute and Hospital, Tianjin, P.R. China

**2015-2019:** *Associate professor*, Department of Thyroid and Neck tumour, Tianjin Cancer Institute and Hospital, Tianjin, P.R. China

**2011-2015:** *Attending doctor*, Department of Thyroid and Neck tumour, Tianjin Cancer Institute and Hospital, Tianjin, P.R. China

**2011-10 – 2013-10:** *Ph.D. (Molecular Oncology), Moffitt Cancer Center, USA*

**2006-2010:** *Chief resident and Resident*, Department of Thyroid and Neck tumour, Tianjin Cancer Institute and Hospital, Tianjin, P.R. China

**2005-2006:** *Practise*, Tianjin Medical University General Hospital, Tianjin, P.R. China

**2004-2005:** *Noviciate*, Tianjin First Center Hospital, Tianjin, P.R. China

Tianjin Children's Hospital, Tianjin, P.R. China

Chinese People's Liberation Army 254<sup>th</sup> Hospital, Tianjin, P.R. China

### **Research Experience:**

**1. Funding Agency:** The national science foundation of China

Funding period: 19/01 – 22/12

Title: Molecular mechanism of CDK7-mediated transcript addiction in thyroid undifferentiated carcinoma and its targeted therapy

**2. Funding Agency:** Tianjin Cancer Institute and Hospital

Funding period: 19/04 – 22/03

Title: Molecular Mechanism of Aurora-A Phosphorylation of SIN1 Enhancing Proliferation and Invasion of Thyroid Papillary Carcinoma.

**3. Funding Agency:** The national science foundation of China

Funding period: 15/01 – 17/12

Title: Aurora-A induce invasion and metastasis of NSCLC by inhibit LKB1/AMPK pathway.

**4. Funding Agency:** Tianjin Municipal Science and Technology Commission

Funding period: 15/04--18/03

Title: LKB1/AMPK pathway in NSCLC.

**5. Funding Agency:** Tianjin Cancer Institute and Hospital

Funding period: 09/01 – 10/01

Title: Clinical and biological characteristics analysis of Multifocal thyroid carcinoma

### **Publication:**

1. **Zheng XQ**,Jingzhu,Zhao Xinwei,Yun Xianhui,Ruan JiadongChi,Yang Yu,Yigong,Li Xiangqian Zheng,Ming Gao.High expression of NUCB2 promotes papillary thyroid cancer cells proliferation and invasion.OncoTargets and Therapy 2019;12 1309–1318
2. **Zheng XQ**,Ming Gao,Jun Zhang,Linfei Hu,Huijuan Wang,Jingtai Zhi,Xiukun Hou,Yu Wu.Functional analysis and clinical significance of the isocitrate dehydrogenase 2 gene in papillary thyroid carcinoma.Cancer Management and Research 2019;11 3765–3777

3. **Zheng X**, Peng C, Gao M, Zhi J, Hou X, Zhao J, et al. Risk factors for cervical lymph node metastasis in papillary thyroid microcarcinoma: a study of 1,587 patients. *Cancer Biol Med*. 2019; 16: 121- 130
4. **Xiangqian Zheng**,Xinyi Cao,Lin Dang,Yi Lu,Yumei Lu,Rongjie Ji,Tianye Zhang,Xianhui Ruan,Jingtai Zhi,Xiukun Hou,Xianfu Yi,Mulin Jun Li,Tingyu Gu, Ming Gao, Lirong Zhang, Yupeng Chen.*Thyroid*.Jun 2019
5. **Zheng X**, Chi J, Zhi J, Zhang H, Yue D, Zhao J, Li D, Li Y, Gao M, Guo J.Aurora-A-mediated phosphorylation of LKB1 compromises LKB1/AMPK signaling axis to facilitate NSCLC growth and migration.*Oncogene* volume 37, pages502–511(2018)
6. **Zheng XQ**,Gao M, Ge M, Ji Q, Cheng R, Lu H, Guan H, et al. 2017 Chinese expert consensus on the clinical application of serum marker for thyroid cancer. *Cancer Biol Med*. 2018; 15: 468-77
7. **Zheng XQ**,Gao M, Ge M, Ji Q, Cheng R, Lu H, Guan H, et al. 2016 Chinese expert consensus and guidelines for the diagnosis and treatment of papillary thyroid microcarcinoma. *Cancer Biol Med*. 2017; 14: 203-11
8. **Xiangqian Zheng**,Jingtai Zhi,Jingzhu Zhao,Ming Gao,Yi Pan,Jianghua Wu,Yigong LiDapeng Li,Yang Yu.Impact of major diferent variants of papillary thyroid microcarcinoma on the clinicopathological characteristics: the study of 1041 cases .*Int J Clin Oncol*,25 July 2017
9. **Xiangqian Zheng**, MD, PhDJingzhu Zhao, MD, Jiadong Chi, MD, Ming Gao, MD, PhD, Jingtai Zhi, MD,Yigong Li, MD, Loss of PTEN Expression Is Associated With High MicroRNA 24 Level and Poor Prognosis in Patients With Tongue Squamous Cell Carcinoma.2017 American Association of Oral and Maxillofacial Surgeons *J Oral Maxillofac Surg* 75:1449.e1-1449.e8, 2017
10. **Xiangqian Zheng**, Jiansen Li, Chen Peng, Jingzhu Zhao, Jiadong Chi,Xiangrui Meng , Xinwei Yun, Dapeng Li, Yang Yu, Ming Gao, Yigong Li.MicroRNA-24 induces cisplatin resistance by targeting PTEN in human tongue squamous cell carcinoma.*Oral Oncology* 51(2015) 998–1003
11. **Xiangqian Zheng**,Jingzhu Zhao, Chuanxiang Hu, Jiadong Chi, Jiansen Li, Chen Peng, Xinwei Yun, Dapeng Li, Yang Yu, Yigong Li, Ming Gao.miR-24 promotes the

- proliferation, migration and invasion in human tongue squamous cell carcinoma by targeting FBXW7. *ONCOLOGY REPORTS* 36: 1143-1149, 2016
12. **Zheng XQ**, Guo JP, Yang H, Kanai M, He LL, Li YY, Koomen JM, Minton S, Gao M, Ren XB, Coppola D, Cheng JQ. Aurora-A is a determinant of tamoxifen sensitivity through phosphorylation of ER $\alpha$  in breast cancer. *Oncogene*. 2014 Oct 16;33 (42):4985-96.
  13. **Zheng X**, Wei S, Han Y, Li Y, Yu Y, Yun X, Ren X, Gao M. Papillary microcarcinoma of the thyroid: clinical characteristics and BRAF(V600E) mutational status of 977 cases. *Ann Surg Oncol*. 2013 Jul;20(7):2266-73.
  14. **Zheng X**, Wang C, Xu M, Yu Y, Yun X, Jia Y, Wei S, Ren X, Gao M. Progression of solitary and multiple papillary thyroid carcinoma-a retrospective study of 368 patients. *Chin Med J* 2012;125(24):4434-4439
  15. **Zheng X**, Wei S, Yu Y, Xia T, Zhao J, Gao S, Li Y, Gao M. Genetic and clinical characteristics of head and neck paragangliomas in a chinese population. *Laryngoscope*. 2012 May 7. doi: 10.1002/lary.23360.
  16. **Zheng X**, Xia T, Lin L, Gao S, Lee Y, Yu Y, Wei S, Gao M. BRAFV600E status and clinical characteristics in solitary and multiple papillary thyroid carcinoma---experience of 512 cases at a clinical center in China. *World J Surg Oncol*. 2012 Jun 8;10(1):104.
  17. Wang C, **Zheng X**, Shen C, Shi Y. MicroRNA-203 suppresses cell proliferation and migration by targeting BIRC5 and LASP1 in human triple-negative breast cancer cells. *J Exp Clin Cancer Res*. 2012 Jun 19;31(1):58
  18. **Zheng XQ**, Gao M, Yu Y et al. The biological characteristics and ultrasound diagnosis in thyroid carcinoma. *Journal of Modern Oncology*. 2010, 18(2):269~271
  19. **Zheng XQ**, Gao M, Cheng WY et al. Clinical and biological characteristics of metastasis carcinoma to thyroid. *Chinese Journal of General Surgery*. 2009, 24(5): 419~420
  20. XL, Gao M, **Zheng XQ** et al. Clinical and Biological Characteristics of Papillary Thyroid Microcarcinoma. *Chinese Journal of Clinical Oncology*. 2008, 35(23)
  21. Li Yu Y, Gao M, **Zheng XQ**, et al. Study on the mechanism of tumor dormancy in patients with hereditary medullary thyroid carcinoma. *Chin J Onco*. 2008, 30(7): 532~533

22. Gao M, Wei SF, **Zheng XQ** et al. Clinical significance and anatomical character of the non-recurrent laryngeal nerve in thyroid surgery. *Journal of Practical Surgery*. 2008, 28(7)
23. **Zheng XQ**, Gao M, Li YG et al. Diagnosis and clinical staging of thyroid carcinoma by ultrasound. *Chinese Journal of General Surgery*. 2008, 23(5): 324~328
24. Wei SF, Gao M, **Zheng XQ** et al. Cervical plexus reinnervation for recurrent laryngeal nerve injuries. *Chinese Journal of General Surgery*. 2008, 23(9)
25. Li YG, Gao M, **Zheng XQ** et al. In situ parathyroid gland blood supply preservation and parathyroid autotransplantation during total or near total thyroidectomy. *Chinese Journal of General Surgery*. 2008, 23(8)
26. **Zheng XQ**, Gao M, Li YG et al. The Differential Diagnosis of Thyroid Papillary Carcinoma Pulmonary Metastasis and Bronchioalveolar Carcinoma. *Chinese Journal of Clinical Oncology*. 2007, 34(22): 1302~1305
27. Yu Y, Gao M, **Zheng XQ**, et al. Surgical Manipulation of Primary Foci of Medullary Thyroid Carcinoma. *Chinese Journal of Clinical Oncology*. 2007, 34(21)
28. **Zheng XQ**, Gao M. Diagnosis and pathology of thyroid carcinoma by ultrasound. *Chinese Journal of Practical Surgery*. 2007, 27(12): 121~122