

# CURRICULUM VITAE

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### EDUCATION:

2003.9-2006.7 Shanghai Jiao Tong University School of Medicine M.D., Ph.D.

1999.9-2002.7 West China Center of Medical Sciences, Sichuan University

1980.9-1986.6 Shanghai Second Medical University, "Filiere Francophone"

### PROFESSIONAL EMPLOYMENT:

- 2018-present Professor of surgery, Director of Department of General Surgery, Director of Department of Gastrointestinal Surgery, Ruijin Hospital, Shanghai Jiao Tong University, School of Medicine  
Director of Shanghai Minimally Invasive Surgery Center
- 2015-2017 Professor of surgery, Director of Department of Gastrointestinal Surgery, Ruijin Hospital, Shanghai Jiao Tong University, School of Medicine.  
Director of Shanghai Minimally Invasive Surgery Center
- 2014-2015 Professor of surgery & Deputy director of Department of Surgery, Ruijin Hospital, Shanghai Jiao Tong University, School of Medicine  
Director of Shanghai Minimally Invasive Surgery Center
- 2002-2013 Professor of surgery, Ruijin Hospital, Shanghai Jiao Tong University, School of Medicine  
Deputy director of Ruijin Hospital  
Deputy director of Ruijin Clinical Medical Faculty, Ruijin Hospital  
Director of Shanghai Minimally Invasive Surgery Center
- 1995-2002 Professor of surgery, Ruijin Hospital, Shanghai Jiao Tong University, School of Medicine  
Deputy Director of Department of Surgery, Ruijin Hospital
- 1992-1995 Attending Surgeon, Ruijin Hospital, Shanghai Second Medical University
- 1986-1992 Resident of Digestive Surgery Department, Strasbourg University Hospital, France

## SCIENTIFIC MEMBERSHIP:

2016-present	Surgical Branch of Chinese Medical Association	Committee member
2014-present	Royal College of Surgeons	Fellowship
2013-present	Japan Society for Endoscopic Surgery	International honorary member
2009-present	Endoscopic and Laparoscopic Surgeon of Asia	Governor
2008-2009	Endoscopic and Laparoscopic Surgeon of Asia	President
2006-present	International Federation of Societies of Endoscopic Surgeons	Council member
2006-present	Chinese Society of Laparo-Endoscopic Surgery	President
2005-present	The Committee of Colorectal Cancer, Chinese Anti-Cancer Association	member

## EDITORIAL BOARDS:

2015	Chinese-French Medical Dictionary	Chief editor
2016-present	Annals of Laparoscopic and Endoscopic Surgery	Co-editor in chief
2011-present	Chinese Journal of Laparoscopic Surgery (Electronic Edition)	Chief editor
2011-present	Chinese Journal of Digestive Surgery	Deputy editor
2011-present	Chinese Journal of Minimally Invasive Surgery	Deputy editor
2010-present	Journal of Laparoscopic Surgery	Chief editor
2010-present	Asian Journal of Endoscopic Surgery	Deputy editor

## PUBLICATIONS:

1. Yang X, Liu M, Li M, et al. Epigenetic modulations of noncoding RNA: a novel dimension of Cancer biology[J]. *Mol Cancer*, 2020, 19(1): 64.
2. Yang X, Zhang S, He C, et al. METTL14 suppresses proliferation and metastasis of colorectal cancer by down-regulating oncogenic long non-coding RNA XIST[J]. *Mol Cancer*, 2020, 19(1): 46.
3. Pan R, Cai W, Sun J, et al. Inhibition of KHSRP sensitizes colorectal cancer to 5-fluoruracil through miR-501-5p-mediated ERFF1 mRNA degradation[J]. *J Cell Physiol*, 2020, 235(2): 1576-1587.
4. Zhang S, Yu C, Yang X, et al. N-myc downstream-regulated gene 1 inhibits the proliferation of colorectal cancer through emulative antagonizing NEDD4-mediated ubiquitylation of p21[J]. *Journal of experimental & clinical cancer research : CR*, 2019, 38(1): 490.
5. Yu C, Hao X, Zhang S, Hu W, Li J, Sun J, Zheng M. Characterization of the prognostic values of the NDRG family in gastric cancer. *Therap Adv Gastroenterol*. 2019 Jul 21;12:1756284819858507.
6. Pan R, Cai W, Sun J, Yu C, Li P, Zheng M. Inhibition of KHSRP sensitizes colorectal cancer to 5-fluoruracil through miR-501-5p-mediated ERFF1 mRNA degradation. *J Cell Physiol*. 2019 Jul 16. doi: 10.1002/jcp.29076.
7. Yu C, Hong H, Zhang S, Zong Y, Ma J, Lu A, Sun J, Zheng M1. Identification of key genes and pathways involved in microsatellite instability in colorectal cancer. *Mol Med Rep*. 2019 Mar;19(3):2065-2076.
8. He Z, Zhang S, Xue P, Yan X, Zhou L, Li J, Wang M, Lu A, Ma J, Zang L, Hong H, Dong F, Su H, Sun J, Zhang L, Zheng M, Feng B\*. Completely medial access by page-turning approach for laparoscopic right hemi-colectomy: 6-year-experience in single center. *Surg Endosc*. 2019 Mar;33(3):959-965. doi: 10.1007/s00464-018-6525-1.
9. Yu C, Hong H, Lu J, Zhao X, Hu W, Zhang S, Zong Y, Mao Z, Li J, Wang M, Feng B, Sun J, Zheng M. Prediction of Target Genes and Pathways Associated With Cetuximab Insensitivity in Colorectal Cancer. *Technol Cancer Res Treat*. 2018 Jan 1;17:1533033818806905.
10. Yu C, Xue P, Zhang L, Pan R, Cai Z, He Z, Sun J, Zheng M. Prediction of key genes and pathways involved in trastuzumab-resistant gastric cancer. *World J Surg Oncol*. 2018 Aug 22;16(1):174.
11. Mi L, Zhu F, Yang X, Lu J, Zheng Y, Zhao Q, Wen X, Lu A, Wang M\*, Zheng M\*, Ji J, Sun J\*, The metastatic suppressor NDRG1 inhibits EMT, migration and invasion through interaction and promotion of caveolin-1 ubiquitylation in human colorectal cancer cells, *Oncogene*, 2017, 36(30): 4323-4335
12. Feng B, Lu JY, Zhang S, Zheng MH. Laparoscopic abdominoperineal resection with trans-abdominal individualized levator transection: interim analysis of a randomized controlled trial[J]. *Colorectal Dis*. 2017 Jul;19(7):O246-O252

13. Chen Z, Sun J, Li T, Liu Y, Gao S, Zhi X, Zheng M. Iron chelator-induced up-regulation of NdrG1 inhibits proliferation and EMT process by targeting Wnt/ $\beta$ -catenin pathway in colon cancer cells. *Biochem Biophys Res Commun*. 2018 Nov 17;506(1):114-121
14. Cai Z, Pan R, Ma J, et al. Tumor Localization for Laparoscopic Colorectal Resection Without Endoscopic Tattooing[J]. *Surgical Laparoscopy Endoscopy & Percutaneous Techniques*, 2016, 26.
15. Wangpu X, Lu J, Xi R, et al. Targeting the Metastasis Suppressor, N-Myc Downstream Regulated Gene-1, with Novel Di-2-Pyridylketone Thiosemicarbazones: Suppression of Tumor Cell Migration and Cell-Collagen Adhesion by Inhibiting Focal Adhesion Kinase/Paxillin Signaling[J]. *Molecular Pharmacology*, 2016, 89(5):521.
16. Ma J, Zhao J, Lu J, et al. Cadherin-12 enhances proliferation in colorectal cancer cells and increases progression by promoting EMT:[J]. *Tumour Biology the Journal of the International Society for Oncodevelopmental Biology & Medicine*, 2016, 37(7):9077-9088.
17. Song H, Kang X, Sun J, et al. Nanoparticle delivery of sterically hindered platinum(iv) prodrugs shows 100 times higher potency than that of cisplatin upon light activation.[J]. *Chemical Communications*, 2016, 52(11):2281-2283.
18. Lu J, Jiao T, Li Y, et al. Facilitating retroflexed endoscopic full-thickness resection through loop-mediated or rope-mediated countertraction (with videos)[J]. *Gastrointestinal Endoscopy*, 2016, 83(1):223-228.
19. Wang P, Zhao J, Yang X, Guan S, Feng H, Han D, Lu J, Ou B, Jin R, Sun J, Zong Y, Feng B, Ma J, Lu A, Zheng M. PFDN1, an indicator for colorectal cancer prognosis, enhances tumor cell proliferation and motility through cytoskeletal reorganization. *Med Oncol*. 2015 Dec;32(12):264.
20. Lu J, Jiao T, Li Y, Zheng M, Lu X. Facilitating retroflexed endoscopic full-thickness resection through loop-mediated or rope-mediated countertraction (with videos). *Gastrointest Endosc*. 2016 Jan;83(1):223-8
21. Wang P, Zhao J, Yang X, Guan S, Feng H, Han D, Lu J, Ou B, Jin R, Sun J, Zong Y, Feng B, Ma J, Lu A, Zheng M. PFDN1, an indicator for colorectal cancer prognosis, enhances tumor cell proliferation and motility through cytoskeletal reorganization. *Med Oncol*. 2015 Dec;32(12):264.
22. Lu J, Jiao T, Li Y, Zheng M, Lu X. Facilitating retroflexed endoscopic full-thickness resection through loop-mediated or rope-mediated countertraction (with videos). *Gastrointest Endosc*. 2016 Jan;83(1):223-8
23. Song H, Li W, Qi R, Yan L, Jing X, Zheng M, Xiao H. Delivering a photosensitive transplatin prodrug to overcome cisplatin drug resistance. *Chem Commun (Camb)*. 2015 Jul 21;51(57):11493-5.
24. Lu J, Jiao T, Li Y, Liu Y, Wang Y, Wang Y, Zheng M, Lu X. Heading toward the right direction--solution package for endoscopic submucosal tunneling resection in the stomach. *PLoS One*. 2015 Mar 23;10(3):e0119870.
25. Lu J, Zheng M, Jiao T, Wang Y, Lu X. Transcardiac tunneling technique for endoscopic submucosal dissection of gastric fundus tumors arising from the muscularis propria. (*Endoscopy*. 2014 Oct;46(10):888-92.
26. Lu J, Jiao T, Zheng M, Lu X. Endoscopic resection of submucosal tumors in muscularis propria: the choice between direct excavation and tunneling resection. *Surg Endosc*. 2014 Dec;28(12):3401-7.
27. Quan Y, Jin R, Huang A, Zhao H, Feng B, Zang L, Zheng M. Downregulation of GRHL2 inhibits the proliferation of colorectal cancer cells by targeting ZEB1. *Cancer Biol Ther*. 2014 Jul;15(7):878-87.
28. Huang A, Zhao H, Quan Y, Jin R, Feng B, Zheng M. E2A predicts prognosis of colorectal cancer patients and regulates cancer cell growth by targeting miR-320a. *PLoS One*. 2014 Jan 13;9(1):e85201
29. Huang A, Zhao H, Ling T, Quan Y, Zheng M, Feng B. Oncological superiority of extralevator abdominoperineal resection over conventional abdominoperineal resection: a meta-analysis. *Int J Colorectal Dis*. 2014 Mar
30. Zhao H, Huang A, Li P, Quan Y, Feng B, Chen X, Mao Z, Zhu Z, Zheng M. E2A suppresses invasion and migration by targeting YAP in colorectal cancer cells. *J Transl Med*. 2013 Dec 26;11:317
31. Huang A, Zhou H, Zhao H, Quan Y, Feng B, Zheng M. TMPRSS4 correlates with colorectal cancer pathological stage and regulates cell proliferation and self-renewal ability. *Cancer Biol Ther*. 2014 Mar 1;15(3):297-304.
32. Zou X, Feng B, Dong T, Yan G, Tan B, Shen H, Huang A, Zhang X, Zhang M, Yang P, Zheng M, Zhang Y. Up-regulation of type I collagen during tumorigenesis of colorectal cancer revealed by quantitative proteomic analysis. *J Proteomics*. 2013 Dec 6;94:473-85.
33. Zhao H, Dong T, Zhou H, Wang L, Huang A, Feng B, Quan Y, Jin R, Zhang W, Sun J, Zhang D, Zheng M. miR-320a suppresses colorectal cancer progression by targeting Rac1. *Carcinogenesis*. 2014 Apr;35(4):886-95.
34. Huang A, Zhou H, Zhao H, Quan Y, Feng B, Zheng M. High expression level of TMPRSS4 predicts adverse outcomes of colorectal cancer patients. *Med Oncol*. 2013 Dec;30(4):712
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37. Sun J, Zhang D, Zheng Y, Zhao Q, Zheng M, Kovacevic Z, Richardson DR. Targeting the metastasis suppressor, NDRG1, using novel iron chelators: regulation of stress fiber-mediated tumor cell migration via modulation of the ROCK1/pMLC2 signaling pathway. (*Mol Pharmacol*. 2013 Feb;83(2):454-69.
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41. Zhang W, Zhang T, Jin R, Zhao H, Hu J, Feng B, Zang L, Zheng M, Wang M. MicroRNA-301a promotes migration and invasion by targeting TGFBR2 in human colorectal cancer. *J Exp Clin Cancer Res.* 2014 Dec 31;33:113.
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45. Lu J, Zhao J, Feng H, Wang P, Zhang Z, Zong Y, Ma J, Zheng M, Lu A. Antitumor efficacy of CC motif chemokine ligand 19 in colorectal cancer. *Dig Dis Sci.* 2014 Sep;59(9):2153-62.
46. Huang A, Zhao H, Ling T, Quan Y, Zheng M, Feng B. Oncological superiority of extralevator abdominoperineal resection over conventional abdominoperineal resection: a meta-analysis. *Int J Colorectal Dis.* 2014 Mar;29(3):321-7.
47. Ma JJ, Chen XY, Zang L, Mao ZH, Wang ML, Lu AG, Li JW, Feng B, Dong F, Zheng MH. Laparoscopic peritoneal dialysis catheter implantation with an intra-abdominal fixation technique: a report of 53 cases. *Surg Laparosc Endosc Percutan Tech.* 2013 Dec;23(6):513-7.
48. Feng B, Ling TL, Lu AG, Wang ML, Ma JJ, Li JW, Zang L, Sun J, Zheng MH. Completely medial versus hybrid medial approach for laparoscopic complete mesocolic excision in right hemicolon cancer. *Surg Endosc.* 2014 Feb;28(2):477-83.
49. Han DP, Lu AG, Feng H, Wang PX, Cao QF, Zong YP, Feng B, Zheng MH. Long-term outcome of laparoscopic-assisted right-hemicolectomy with D3 lymphadenectomy versus open surgery for colon carcinoma. *Surg Today.* 2014 May;44(5):868-74.
50. Sun J, Zhang D, Bae DH, Sahni S, Jansson P, Zheng Y, Zhao Q, Yue F, Zheng M, Kovacevic Z, Richardson DR. Metastasis suppressor, NDRG1, mediates its activity through signaling pathways and molecular motors. *Carcinogenesis.* 2013 Sep;34(9):1943-54.
51. Feng B, He ZR, Li JW, Ling TL, Zhang Y, Chen X, Lu AG, Wang ML, Zheng MH. Feasibility of incremental laparoscopic inguinal hernia repair development in China: an 11-year experience. *J Am Coll Surg.* 2013 Feb;216(2):258-65.
52. Han DP, Lu AG, Feng H, Wang PX, Cao QF, Zong YP, Feng B, Zheng MH. Long-term results of laparoscopy-assisted radical right hemicolectomy with D3 lymphadenectomy: clinical analysis with 177 cases. *Int J Colorectal Dis.* 2013 May;28(5):623-9.