


## Curriculum Vitae

<b>Name</b>	<b>Yoonjin Kwak</b>	
<b>Current Position &amp; Affiliation</b>	<b>Clinical Assistant Professor, Dept. of Pathology, Seoul National University Hospital</b>	
<b>Country</b>	<b>Republic of Korea</b>	

### Educational Background

2005-2011	Pre-medical and Medical School (M.D.) Korea University College of Medicine
2012-2015	Graduate School Seoul National University

### Professional Experience

2012-2016	Resident training, Department of Pathology, Seoul National University Hospital
2016-2018	Clinical Fellow, Department of Pathology, Seoul National University Bundang Hospital
2018-now	Clinical Assistant Professor, Department of Pathology, S eoul National University Hospital

**Main Scientific Publications**

1. Kwak Y, Lee HE, Kim WH, Kim DW, Kang SB, Lee HS. The clinical implication of cancer-associated microvasculature and fibroblast in advanced colorectal cancer patients with synchronous or metachronous metastases. *PloS one* 2014;9:e91811.
2. Kwak Y, Nam SK, Seo AN, et al. Fibroblast Growth Factor Receptor 1 Gene Copy Number and mRNA Expression in Primary Colorectal Cancer and Its Clinicopathologic Correlation. *Pathobiology : journal of immunopathology, molecular and cellular biology* 2015;82:76-83.
3. Seo AN, Kwak Y, Kim WH, et al. HER3 protein expression in relation to HER2 positivity in patients with primary colorectal cancer: clinical relevance and prognostic value. *Virchows Archiv : an international journal of pathology* 2015;466:645-54.
4. Kwak Y, Nam SK, Shin E, et al. Comparison of the Diagnostic Value Between Real-Time Reverse Transcription-Polymerase Chain Reaction Assay and Histopathologic Examination in Sentinel Lymph Nodes for Patients With Gastric Carcinoma. *American journal of clinical pathology* 2016;145:651-9.
5. Kwak Y, Koh J, Kim DW, Kang SB, Kim WH, Lee HS. Immunoscore encompassing CD3+ and CD8+ T cell densities in distant metastasis is a robust prognostic marker for advanced colorectal cancer. *Oncotarget* 2016;7:81778-90.
6. Bae JM, Kim JH, Kwak Y, et al. Distinct clinical outcomes of two CIMP-positive colorectal cancer subtypes based on a revised CIMP classification system. *British journal of cancer* 2017;116:1012-20.

7. Lee HS, Kim WH, Kwak Y, et al. Molecular Testing for Gastrointestinal Cancer. *Journal of pathology and translational medicine* 2017 Mar; 51(2): 103–121.
8. Kwak Y, Yun S, Nam SK, Seo AN, Lee KS, Shin E et al. Comparative analysis of the EGFR, HER2, c-MYC, and MET variations in colorectal cancer determined by three different measures: gene copy number gain, amplification status and the 2013 ASCO/CAP guideline criterion for HER2 testing of breast cancer. *Journal of translational medicine* 2017; 15(1): 167.
9. Park Y, Koh J, Kwak Y, Ahn SH, Park DJ, Kim HH, Kim WH, Lee HS. Clinicopathologic significance of human leukocyte antigen class I expression in patients with stage II and III gastric cancer. *Cancer Immunol Immunother*. 2019 Nov;68(11):1779-1790.
10. Koh J, Kwak Y, Kim J, Kim WH. High-Throughput Multiplex Immunohistochemical Imaging of the Tumor and Its Microenvironment. *Cancer research and treatment : official journal of Korean Cancer Association* 2019; e-pub ahead of print 2019/06/06; doi 10.4143/crt.2019.195.
11. Kwak Y, Seo AN, Lee HE, Lee HS. Tumor immune response and immunotherapy in gastric cancer. *J Pathol Transl Med*. 2020 Jan;54(1):20-33.
12. Kwak Y, Koh J, Park Y, Hong YJ, Park KU, Kim HH, Park DJ, Ahn SH, Kim WH, Lee HS. Differential prognostic impact of CD8+ T cells based on human leucocyte antigen I and PD-L1 expression in microsatellite-unstable gastric cancer. *Br J Cancer*. 2020 Apr;122(9):1399-1408.
13. Park Y, Koh J, Na HY, Kwak Y, Lee KW, Ahn SH, Park DJ, Kim HH, Lee HS. PD-L1 Testing in Gastric Cancer by the Combined Positive Score of the 22C3 PharmDx and SP263 Assay with Clinically Relevant Cut-offs. *Cancer Res Treat*. 2020 Jul;52(3):661-670.