

# Cancer Diagnostics Conference & Expo

June 13-15, 2016 Rome, Italy



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### The UHRF1 expression in serum and tissue for gastric cancer detection

To analyze the Ubiquitin-like with PHD and ring finger domains (UHRF) 1 expression in gastric cancer (GC) serum and tissue. The concentrations of UHRF1 DNA in serum were compared between 187 GC patients and 56 healthy controls using real-time PCR. Immunohistochemical analysis using tissue microarrays was performed. The results showed UHRF1 DNA levels were significantly higher in GC patients compared to healthy controls ( $p < 0.001$ ) and have associations with age and lymph node metastasis (LNM). The UHRF1 expression was significantly higher in tumor tissue than matched normal tissues ( $p < 0.001$ ). The UHRF1 expression in serum and tissue may represent a novel biomarker for GC diagnosis and prognosis.

### Biography

Feng Yan, has completed her Ph.D from Yangzhou University in China. She is the vice director of Department of Clinical Laboratory in Nanjing Medical University Cancer Hospital. The research works of Feng Yan focus on the bioanalytical chemistry in laboratory medical diagnostics, particularly in detection of tumor markers and tumor cells. She has published 74 papers in SCI journals. She was the Outstanding Medical Talents, Excellent Medical Talent and Leading Medical Talent of Jiangsu Province.

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