

## Uday Chand Ghoshal



### Academic Degrees

MBBS, MD (PGI, Chandigarh), DNB (Medicine), DM (Gastroenterology, SGPGI), FACC (American College of Gastroenterology)

### Departmental Affiliation

Associate Professor, Department of Gastroenterology, SGPGI, Lucknow 226014

### Other Affiliations

Faculty Incharge, Gastrointestinal Pathophysiology and Motility Laboratory, Dept. of Gastroenterology  
Editorial Board Member, Indian J Gastroenterol, International Journal of Cancer Research and Journal of Medical Sciences  
Honorary Secretary, UP Chapter of Indian Society of Gastroenterology  
Secretary General, Asian Neurogastroenterology and Motility Association  
National Coordinator, Indian Society of Gastroenterology Task Force on Irritable Bowel syndrome  
Peer reviewer of eleven international and five national journals  
Ph D guide, SGPGI and UP Technical University, Lucknow  
DM and PhD examiner

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### Research and Professional Experience

Actively involved in translational research particularly in relation to gastrointestinal motility disorders and reflux, malabsorption syndrome in the tropics, gastrointestinal infection including *Helicobacter pylori* infection, inflammatory bowel disease and Mathematical modeling in Gastroenterology.

Training in gastrointestinal motility at Mayo Clinics, Scottsdale, USA (November 2005)

Visiting Consultant, Hamad Medical Corporation, Doha, Qatar

Sixteen years post MD teaching and research experience in Gastroenterology

### Honors and Awards

Received 25 awards and oration till date and 8 university gold medals during MBBS. Of these important awards and orations include Shakuntala Amir Chand Award 2001 from the Indian Council of Medical Research, Presidential Paper Award in Asia Pacific Digestive Disease Week 2006 at Cebu, Phillipines, Indian Society of Gastroenterology Asia Pacific Digestive Disease Week Travel Grant, Indian J Gastroenterol best paper awards in 1997 and 2006, Indian Society of Gastroenterology (ISG)-Win Medicare plenary session award in 2006, Hoechst Om Prakash Memorial award from ISG in 2002, Young Investigator Award in 26th International Congress of Internal Medicine at Kyoto, Japan, 2002, Young investigator award from ISG in 2001, Indian Society of Gastroenterology Abbott Oration 2008

### Research Projects

- Prevalence of *Helicobacter pylori* infection and Cag A antibody status in patients with gastric carcinoma and controls: Possible mechanism of carcinogenesis involving apoptosis (Principal investigator, Indian Council of Medical Research).
- Pathogenesis of tropical sprue: Study of antroduodenal manometry, duodenal of transit time, fat induced ileal brake and small intestinal manometry (Principal investigator, Department of Science and Technology)
- Role of small bowel bacterial flora and GI transit time in tropical sprue (Principal investigator, SGPGI).
- Esophageal acidic reflux during nocturnal acid breakthrough in gastroesophageal reflux disease: Relationship with symptoms, lower esophageal sphincter pressure and body motility (Principal investigator, SGPGI)
- Small intestinal bacterial overgrowth and small intestinal permeability in patients with irritable bowel syndrome in tropics: Role of interleukin-1 and its receptor antagonist and effect of eradication of bacterial overgrowth (Principal investigator, Department of Science and Technology, Government of India)
- Role of microsomal epoxide hydrolase polymorphism in gastric cancer (Co-investigator, Indian Council of Medical Research)
- Diagnosis of amoebic liver abscess: Comparative evaluation of antigen and antibody detection and polymerase chain reaction (Co-investigator, SGPGI)
- *Helicobacter pylori* and gastric carcinogenesis: Role of cytochrome P-450 polymorphism (Co-investigator, SGPGI)
- Evaluation of utility of pepsinogen-I, pepsinogen-II and gastrin-17 serum levels in diagnosis of cancer-associated gastric mucosal lesions like intestinal metaplasia (IM) in patients with and without H. pylori infection in India (Principal investigator, Indian Council of Medical Research).

### Publications

Published 110 papers of which 54 are in international journals till date. Wrote 14 chapters in books.