2-3 Postdoctoral positions in *Helicobacter pylori* infection-induced gastric carcinogenesis

2-3 Postdoctoral positions are available for application; areas of study include the role of *Helicobacter pylori*-induced inflammation, stem cell and epigenetic changes in the development of gastric disease and cancer; 1-2 positions are available for each of the coming 3 years.

Location: Department of Gastroenterology and Hepatology, and Institute of Translational Medicine, People’s Hospital of Zhengzhou University, Zhengzhou, Henan, China

Salary: CNY (Chinese Yuan) 210,000 - 310,000 per annum (the ratio for CNY to US$ is about 6.5:1, which is about US$32K-45K, depending on the publication record and experiences, applicants with publications at journals IF>5.0 will be given priority consideration). A start-up research grant of CNY 300,000 is also provided.

The incumbent will conduct, manage and publish research in above mentioned area to promote our understanding on how *H. pylori* infection results in gastric disease and cancer initiation and development. This will involve use of molecular and cellular biology assays and animal model, as well as human biopsy tissues; Biological technics such as bacteria and cell culture, gene manipulation, (single) cell analysis, and animal model confirming in vitro results will be used for study.

Excellent verbal and written English language communication skills, along with the ability to work independently and co-operatively within a team are essential. Enthusiastic, self-motivated, and well prepared PhD or MD scientist work in related area are encouraged to apply; the aim is to produce work of the highest standard suitable for publication in leading international peer-reviewed journals.

Enquiries should be directed to Prof. Song-Ze Ding (dingsongze1@hotmail.com)

The post has funding for 2 years in the first instance, and can be started within 2018. If performed well, the postholder may be considered for faculty position in this hospital to continue above study. For more information about this position, please read the following two review papers from Dr. Ding for research directions.

*Ding SZ and Zheng PY. Helicobacter pylori-induced gastric cancer; advance in gastric stem cell research and the remaining challenges. Gut Pathogens 2012;4:18. (Citation 50 by 2018)*

*Ding SZ, Goldberg JB, Hetakeyama M. Helicobacter pylori infection, oncogenic pathway and epigenetic mechanism in gastric carcinogenesis (review). Future Oncology 2010;6 (5): 849-860. (Citation 132 by 2018)*

Closing date: the positions remain open until filled.

Zhengzhou University is one of the largest Universities in Central China, and Henan province is the largest province with economic GDP ranked the top fifth in the nation. The hospital’s mission is to foster an inclusive climate, which ensures equality in working, learning, research and teaching.