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| **Research Theme: Integrative Medicine, Biomedical Science** |
| **PhD Research Project Title:****Combining TCM with immunotherapy and chemotherapy for CRC** |
| **Scholarship category (Please indicate the source of funding for this project):****TCM research grant** |
| **Principal Investigator/Supervisor: Zhong Lidan, Linda** |
| **Co-supervisor/ Collaborator(s) (if any):** |
| **Project Description**1. **Background:**

Colorectal cancer (CRC) is a leading cancer in Singapore and the globe. In addition to suppressing tumor growth as an adjuvant therapy, recent research highlights TCM's potential to enhance the effect of immunotherapies and mitigate treatment-related adverse effects. 1. **Proposed work:**

Clinical trial on providing exploratory evidence of TCM's efficacy in CRC treatment through an investigation of TCM-microbiota interactions. Animal experiments will investigate the interaction between CRC-associated TCM ingredients and the microbiota of CRC animal models. 1. **Preferred skills:** computation work on data analysis would be a big plus, but not indispensable

Clinician with TCM license will be preferred.  |
| **Supervisor contact:****If you have questions regarding this project, please email the Principal Investigator:**Linda Zhong at linda.zhong@ntu.edu.sg |
| **SBS contact and how to apply:**Associate Chair-Biological Sciences (Graduate Studies) : AC-SBS-GS@ntu.edu.sg Please apply at the following: **Application portal:** <https://venus.wis.ntu.edu.sg/GOAL/OnlineApplicationModule/frmOnlineApplication.ASPX> |