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|  |  | Reg. No. 200604393R |

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| **Research Theme: Cell Biology; Cellular Biochemistry** |
| **PhD Research Project Title: Genetic modifiers of Parkinson’s disease** |
| **Principal Investigator/Supervisor: Asst/ Prof. Choe Young-Jun** |
| **Co-supervisor/ Collaborator(s) (if any):** |
| **Project Description**1. **Background:**

Parkinson’s disease is the second most prevalent neurodegenerative disease. Parkinson’s disease is mostly sporadic and unfortunately, we do not know how the disease arises.1. **Proposed work:**

Parkinson’s disease is associated with the aggregation of a protein, alpha-synuclein. This project willseek to identify genes and cellular pathways that affect the aggregation of alpha-synuclein.1. **Preferred skills:**

The candidate must have detailed knowledge of cell biology and biochemistry. Prior lab experience ofconfocal microscopy, yeast/human cell biology will be an advantage. |
| **Supervisor contact:****If you have questions regarding this project, please email the Principal Investigator:**yjchoe@ntu.edu.sg
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| **SBS contact and how to apply:**Associate Chair-Biological Sciences (Graduate Studies) : AC-SBS-GS@ntu.edu.sg
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| Please apply at the following:**Application portal:**<https://venus.wis.ntu.edu.sg/GOAL/OnlineApplicationModule/frmOnlineApplication.ASPX>
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