<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Faculty Members in HKU</th>
<th>Research interests/topics</th>
<th>Potential joint supervisor(s) in UofT</th>
<th>Past/current collaboration(s), if applicable</th>
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<tbody>
<tr>
<td>Anatomy</td>
<td>Dr Raymond Chuen-Chung Chang</td>
<td>Molecular Mechanisms of Neurodegeneration</td>
<td>Collaborator(s) to be identified</td>
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<tr>
<td>Biochemistry</td>
<td>Dr Dong-Yan Jin</td>
<td>1. Innate Antiviral Immunity 2. Viral Oncogenesis</td>
<td>Collaborator(s) to be identified</td>
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<td></td>
<td>Dr Mai-Har Sham</td>
<td>Developmental Genetics and Stem Cell Biology</td>
<td>1. Dr Chi-Chung Hui, Department of Molecular Genetics 2. Dr Andras Nagy, Department of Molecular Genetics 3. Dr Sabine Cordes, Department of Medical Genetics &amp; Microbiology</td>
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<td>Dr You-Qiang Song</td>
<td>Molecular Medicine and Human Genetics</td>
<td>1. Dr Stephen Scherer, McLaughlin Centre for Molecular Medicine 2. Professor Benjamin Blencowe, Department of Molecular Genetics 3. Dr Anne-Claude Gingras, Department of Molecular Genetics 4. Dr Philip Kim, Department of Molecular Genetics 5. Professor Pater st George-Hyslop, Department of Medicine</td>
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| Biochemistry          | Dr John Junwen Wang | 1. Bioinformatics  
2. Computational Biology  
3. Transcription Factor Binding Modules  
4. Regulatory Networks | 1. Professor Zhong-Ping Feng, Department of Physiology  
2. Dr Gary Bader, The Banting and Best Department of Medical Research  
3. Professor Tim Hudges, The Banting and Best Department of Medical Research  
4. Zhao Lei Zhang, The Banting and Best Department of Medical Research  
5. Dr Philip Kim, Department of Molecular Genetics  
6. Professor Jun Liu, Department of Molecular Genetics |
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<tr>
<td>Dr Nai-Sum Wong</td>
<td>Cellular Signaling Mechanism Involved in Responses to Stress</td>
<td>Collaborator(s) to be identified</td>
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</tbody>
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| Dr Kwok-Ming Yao     | 1. Stem Cell Pluripotency and Genome Stability  
2. Regulation of Hedgehog Signaling and Neural Development | Dr Chi-Chung Hui, Department of Molecular Genetics |                                                                                |
| Biochemistry         | Dr Zhong-Jun Zhou   | 1. Aging  
2. Chromatin Remodeling  
3. DNA Repair | Collaborator(s) to be identified |                                                                                           |
| Orthopaedics & Traumatology | Professor William W Lu | Biomaterials, Cell biology Medical implant and device | Collaborator(s) to be identified |                                                                                           |
| Psychiatry                           | Professor Pak Chung Sham | Statistical Genetics Human Genetics | 1. Dr Jo Knight, Department of Psychiatry  
2. Dr Jim Kennedy, Department of Psychiatry  
3. Dr Cathy Barr, Department of Psychiatry |
|-------------------------------------|-------------------------|------------------------------------|-------------------------------------------------------------------------------------|
| School of Chinese Medicine          | Dr. Jiangang Shen       | 1. Molecular regulations of blood brain barrier in ischemic brain injury  
2. Molecular targets for promoting neurogenesis of post-stroke  
3. Drug discovery from herbal medicine for promoting neurogenesis and neuroprotection | 1. Professor Zhong-Ping Feng, Department of Physiology  
2. Professor Hong-Shuo Sun, Department of Surgery, Institute of Medical Science |
| Surgery                             | Dr Elly SW Ngan         | Neural Crest Biology               | Professor Chi-Chung Hui, Department of Molecular Genetics  
|                                    |                         |                                     | Current: Roles of Su(Fu) and Kif7 in enteric nervous system development  
Past: Hedgehog-Notch induced pre-mature gliogenesis in Hirschsprung’s disease |
| Surgery                             | Dr Elly SW Ngan         | Neuroblastoma                      | Professor David Kaplan, Department of Molecular Genetics  
|                                    |                         |                                     | Neuroblastoma tumor initiating cells |

LKS Faculty of Medicine  
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