



UNSW Science

## Science Work Placement: Kuala Lumpur 2019/20

**This document outlines Host Organisations for the summer 2019/20 Kuala Lumpur Science Work Placement Program.**

Students should review these organisations before applying, as they will be asked for their preferences. During the first stage of the application process, students are only required to select the host organisations they would like to work for. Once a student is successful in securing a placement with one of the organisations, a position description and specific work tasks will be negotiated, depending on the capabilities of the host employer, and your skills, interests and career goals. *Host Organisations are available for students studying BABS, BEES, Chemistry and SOMS majors/programs only.*

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BEES students	6 – 8
Chemistry students	9 – 11
SOMS students	12 – 14



# Host Organisations

## BABS Students

# Host Organisations: BABS

Host	Background	Types of Roles	Notes
<b>Asia Pacific Special Nutrients SB</b>  <a href="http://www.apsn.com.my">www.apsn.com.my</a> <a href="http://www.rhonema.com">www.rhonema.com</a>	APSN is a subsidiary of Rhone Ma Malaysia, which is involved in the trading of feed additives and nutritional feed ingredients. ASPN is committed to advancing the research and development of animal health, food safety and agriculture. The research and development arm designs and develops new diagnostic test kits, products and applications tailored for animal health through four divisions of research and development: Molecular Biology, Microbiology, Chemistry and Serology.	R&D	
<b>Chemopharm</b>  <a href="http://www.chemopharm.com">www.chemopharm.com</a>	Chemopharm is a leading regional provider of products, solutions and services for laboratory, analytical testing, life science and healthcare. We provide instruments, consumables and services for the scientific research and academic segments, clinical, chemical & analytical, biotech and pharma communities.	Medical products, field work.	Specifically interested in biotechnology students.
<b>Duopharma</b>  <a href="http://www.duopharmabiotech.com">www.duopharmabiotech.com</a>	Duopharma is a leading pharmaceutical company in Malaysia that provides quality and innovative solutions. We have committed to an expansion of our manufacturing facilities with state of the art technology to enhance our compliance standards and capacity to support our growth plans. We constantly innovate for the health and wellness of society, delivering solutions by processes that are efficient and affordable. Firmly focused on the future, we live our Vision of providing smarter solutions for a healthier life to create opportunities for high performance and sustainable growth for all our stakeholders.	Business Development & Marketing, manufacturing, compliance.	

# Host Organisations: BABS

Host	Background	Types of Roles	Notes
<b>EntoGenex</b> <a href="http://www.ento-genex.com">www.ento-genex.com</a>	<p>EntoGenex Industries is a Malaysia-based biotechnology company focused on vector control. It has pioneered green and sustainable solutions aimed at combating mosquito-transmitted diseases in Malaysia and worldwide. EntoGenex has successfully incubated, developed and commercialised a range of mosquito control products utilising the Trypsin Modulating Oostatic Factor (TMOF) and EGX-101 technologies. In 2009, EntoGenex was awarded the BioNexus status, an incentivised status given to accomplished biotechnology companies, from the Malaysian Biotechnology Corporation. The company is also a proud recipient of a RM 3.365 million TechnoFund Grant from the Ministry of Science, Technology and Innovation for the commercial development of its biopesticide products. With its recent successes, EntoGenex is moving towards international expansion, promoting unique solutions in combating mosquito transmitted diseases on a global platform.</p>	TBD – dependant on the student selected	Specifically interested in biotechnology students.
<b>GranuLab</b> <a href="http://www.granulab.com">www.granulab.com</a>	<p>GranuLab is a medical device manufacturing company for synthetic bone graft GranuMas®. The facility is well equipped and capable of producing multiple types, form, shape and size of synthetic bone grafts to cater to the needs of clients, hospitals and patients.</p>	Manufacturing	Specifically interested in biotechnology students.

# Host Organisations: BABS

Host	Background	Types of Roles	Notes
<b>MyBiomass</b> <a href="http://www.mybiomass.com.my">www.mybiomass.com.my</a>	<p>From palm oil to gas and forest waste, MYBiomass Sdn Bhd ("MYBiomass") is a special purpose vehicle Initiated by the Malaysian Industry-Government Group for High Technology (MIGHT), established to pioneer high-value green chemicals and materials biorefinery through coordinated aggregation.</p> <p>The foremost undertaking by MYBiomass is to move up the value chain of biomass industry by producing high value green chemical which can be used in downstream application, benefitting the materials, energy and pharmaceutical industries. MYBiomass is expected to make a substantial contribution to the production of high-value green chemicals and/or materials for local and international players.</p>	R&D	Specifically interested in biotechnology students.
<b>Novozymes</b> <a href="http://www.novozymes.com">www.novozymes.com</a>	<p>World leader in biological solutions, producing microbes and enzymes for improved product sustainability. With more than 700 products across multiple industries, Novozymes works with clients to unlock the business potential of microbes and enzymes, resulting in:</p> <ul style="list-style-type: none"> <li>- higher production output</li> <li>- raw material, energy and water savings</li> <li>- cleaner, smarter, safer production</li> <li>- new differentiating products, and</li> <li>- sustainable growth.</li> </ul>	R&D	



# Host Organisations

## BEES Students

# Host Organisations: BEES

Host	Background	Types of Roles	Notes
<b>Airestec Innovations</b> <a href="http://www.airestec.com">www.airestec.com</a>	<p>Leader in knowledge and skills in Research and Development area providing high end products, services, solutions and protecting the clients and the environment from contamination and infection. Airestec is comprised of skilled engineers and highly trained and certified technicians dedicated to offering the highest quality of service to our clients.</p>	R&D	Environmental sciences and strong chemistry background required
<b>Asia Pacific Special Nutrients SB</b> <a href="http://www.apsn.com.my">www.apsn.com.my</a> <a href="http://www.rhonema.com">www.rhonema.com</a>	<p>APSN is a subsidiary of Rhone Ma Malaysia, which is involved in the trading of feed additives and nutritional feed ingredients. ASPN is committed to advancing the research and development of animal health, food safety and agriculture.</p> <p>The research and development arm designs and develops new diagnostic test kits, products and applications tailored for animal health. Our scientific research and development team is made up of R&amp;D scientists who come from various disciplines, veterinarians and other science professionals on staff who are passionate and dedicated in their pursuit of scientific excellence.</p>	R&D	Specifically interested in biology students
<b>Eco Ideal Consulting</b> <a href="http://www.ecoideal.com.my">www.ecoideal.com.my</a>	<p>Provides a full range of integrated environmental planning and consulting services to private and public sector clients, including industries and government agencies facing challenges that demand environmental experience and technical expertise. One stop services for all aspects of waste management (solid and water), CDM, Carbon and CHG emissions.</p>	R&D, Report writing	

# Host Organisations: BEES

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<b>MyBiomass</b> <a href="http://www.mybiomass.com.my">www.mybiomass.com.my</a>	<p>From palm oil to gas and forest waste, MYBiomass Sdn Bhd ("MYBiomass") is a special purpose vehicle Initiated by the Malaysian Industry-Government Group for High Technology (MIGHT), established to pioneer high-value green chemicals and materials biorefinery through coordinated aggregation.</p> <p>The foremost undertaking by MYBiomass is to move up the value chain of biomass industry by producing high value green chemical which can be used in downstream application, benefitting the materials, energy and pharmaceutical industries. MYBiomass is expected to make a substantial contribution to the production of high-value green chemicals and/or materials for local and international players.</p>	R&D	Environmental sciences and strong chemistry background required





# Host Organisations

## Chemistry Students

# Host Organisations: CHEM

Host	Background	Types of Roles
<b>Airestec Innovations</b> <a href="http://www.airestec.com">www.airestec.com</a>	<p>Leader in knowledge and skills in Research and Development area providing high end products, services, solutions and protecting the clients and the environment from contamination and infection. Airestec is comprised of skilled engineers and highly trained and certified technicians dedicated to offering the highest quality of service to our clients.</p>	R&D
<b>Asia Pacific Special Nutrients SB</b> <a href="http://www.apsn.com.my">www.apsn.com.my</a> <a href="http://www.rhonema.com">www.rhonema.com</a>	<p>APSN is a subsidiary of Rhone Ma Malaysia, which is involved in the trading of feed additives and nutritional feed ingredients. APSN is committed to advancing the research and development of animal health, food safety and agriculture. The research and development arm designs and develops new diagnostic test kits, products and applications tailored for animal health through four divisions of research and development: Molecular Biology, Microbiology, Chemistry and Serology.</p>	R&D
<b>Chemopharm</b> <a href="http://www.chemopharm.com">www.chemopharm.com</a>	<p>Chemopharm is part of the Chemopharm group of companies, a leading regional provider of products, solutions and services for laboratory, analytical testing, life science and healthcare. We provide instruments, consumables and services for the scientific research and academic segments, clinical, chemical &amp; analytical, biotech and pharma communities.</p>	Medical Products, Field Work
<b>IGL Coatings</b> <a href="http://www.iglcoatings.com">www.iglcoatings.com</a>	<p>IGL Coatings is a technology firm based in Malaysia with the core focus of developing innovative and disruptive nanotechnology products that are set to redefine the industry. We are the world pioneers of low and Zero VOC high solids coatings. The product range includes coatings, cleaning and maintenance for various surfaces including paint, glass, metals, plastics and fabrics. We are the first in the industry to have our nanotechnology audited and verified by Nanoverify. IGL Coatings now provides quality coatings in 50 countries.</p>	R&D

# Host Organisations: CHEM

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<b>MyBiomass</b> <a href="http://www.mybiomass.com.my">www.mybiomass.com.my</a>	<p>From palm oil to gas and forest waste, MYBiomass Sdn Bhd ("MYBiomass") is a special purpose vehicle Initiated by the Malaysian Industry-Government Group for High Technology (MIGHT), established to pioneer high-value green chemicals and materials biorefinery through coordinated aggregation.</p> <p>The foremost undertaking by MYBiomass is to move up the value chain of biomass industry by producing high value green chemical which can be used in downstream application, benefitting the materials, energy and pharmaceutical industries. MYBiomass is expected to make a substantial contribution to the production of high-value green chemicals and/or materials for local and international players.</p>	R&D
<b>Novozymes</b> <a href="http://www.novozymes.com">www.novozymes.com</a>	<p>World leader in biological solutions, producing Microbes and enzymes for improved product sustainability. With more than 700 products across multiple industries, Novozymes works with clients to unlock the business potential of microbes and enzymes, resulting in higher production output, raw material, energy and water savings , cleaner, smarter, safer production, new differentiating products, and sustainable growth.</p>	R&D
<b>Top Glove</b> <a href="http://www.topglove.com">www.topglove.com</a>	<p>Top Glove Corporation Bhd is the world's largest manufacturer of gloves, with operations spanning across Malaysia, Thailand, China, US and Europe.</p> <p>It has 40 factories, 648 production lines, 18,000 employees, 60.5 billion gloves per annum.</p> <p>Its outstanding achievements and global recognition are credited largely to its founder Tan Sri Dr Lim Wee Chai, the visionary and driving force, who within a short span of time, has built the Malaysian-based company into a resounding global success.</p>	R&D  Manufacturing  Quality Assurance



# Host Organisations

## SOMS Students

# Host Organisations: SOMS

Host	Background	Types of Roles
<b>Chemopharm</b> <a href="http://www.chemopharm.com">www.chemopharm.com</a>	<p>Chemopharm is part of the Chemopharm group of companies, a leading regional provider of products, solutions and services for laboratory, analytical testing, life science and healthcare. We provide instruments, consumables and services for the scientific research and academic segments, clinical, chemical &amp; analytical, biotech and pharma communities. In Chemopharm, we pride ourselves to support our customers not only in terms of product offering, but to combine our professional know-how in terms of technical and application support for our clientele base, and help to enable their research work.</p>	<p>Medical Products, Field Work</p>
<b>Duopharma</b> <a href="http://www.duopharmabiotech.com">www.duopharmabiotech.com</a>	<p>Duopharma is a leading pharmaceutical company in Malaysia that provides quality and innovative solutions. We have committed to an expansion of our manufacturing facilities with state of the art technology to enhance our compliance standards and capacity to support our growth plans. We constantly innovate for the health and wellness of society, delivering solutions by processes that are efficient and affordable. Firmly focused on the future, we live our Vision of providing smarter solutions for a healthier life to create opportunities for high performance and sustainable growth for all our stakeholders.</p>	<p>Business Development &amp; Marketing, Manufacturing, Compliance.</p>
<b>EntoGenex</b> <a href="http://www.entogenex.com">www.entogenex.com</a>	<p>Established in 2008, EntoGenex is a Malaysia-based biotechnology company focused on vector control. EntoGenex has pioneered green and sustainable solutions aimed at combating mosquito-transmitted diseases in Malaysia and worldwide. Towards this goal, EntoGenex has successfully incubated, developed and commercialised a range of mosquito control products utilising the Trypsin Modulating Oostatic Factor (TMOF) and EGX-101 technologies.</p> <p>In 2009, EntoGenex was awarded the BioNexus status, an incentivised status given to accomplished biotechnology companies, from the Malaysian Biotechnology Corporation. The company is also a proud recipient of a RM 3.365 million TechnoFund Grant from the Ministry of Science, Technology and Innovation for the commercial development of its biopesticide products. With its recent successes, EntoGenex is moving towards international expansion, promoting unique solutions in combating mosquito transmitted diseases on a global platform.</p>	<p>TBD – dependent on the student</p>

# Host Organisations: SOMS

Host	Background	Types of Roles
<b>GranuLab</b> <a href="http://www.granulab.com">www.granulab.com</a>	GranuLab is a medical device manufacturing company for synthetic bone graft GranuMas®. The facility is well equipped and capable of producing multiple types, form, shape and size of synthetic bone grafts to cater to the needs of clients, hospitals and patients.	Manufacturing
<b>Novozymes</b> <a href="http://www.novozymes.com">www.novozymes.com</a>	World leader in biological solutions, producing microbes and enzymes for improved product sustainability. With more than 700 products across multiple industries, Novosymes works with clients to unlock the business potential of microbes and enzymes, resulting in: <ul style="list-style-type: none"><li>• higher production output</li><li>• raw material, energy and water savings</li><li>• cleaner, smarter, safer production</li><li>• new differentiating products, and</li><li>• sustainable growth.</li></ul>	R&D