

## Theses Chaired (45 total: 18 Ph.D., 14 M.Sc., 13 Honours)

- 1. Leo Lee (Honours)** **Current**  
*Synthesis of N-methylated analogs that target Hsp90: will N-Me facilitate cell entry?*
- 2. Yuantao Huo (M.Sc.)** **Current**  
*Synthesis and mechanism of action studies of heat shock protein 70 inhibitors*
- 3. Jessica Kho (Ph.D.)** **Current**  
*Synthesis and mechanism of action studies of heat shock protein 27 inhibitors*
- 4. Marwa Rahimi (Ph.D.)** **Current**  
*Synthesis and mechanism of action studies of heat shock protein 90 inhibitors*
- 5. Samantha Zaiter (Ph.D.)** **Current**  
*Synthesis and mechanism of action studies of heat shock protein 70 inhibitors*
- 6. Laura Buckton (Ph.D.)** **Current**  
*Defining the phenotype when directly inhibiting the C-terminus of heat shock protein 90*
- 7. Yuqi Zhang (Ph.D.)** **Current**  
*Synthesis and mechanistic evaluation of linear and macrocyclic heterocyclic containing molecules with anti-cancer activity*
- 8. Adrian Pietkiewicz (Ph.D.)** **Current**  
*Synthesis of Sanguinamide B and other heterocyclic-based molecules as anticancer agents*
- 9. Nicole Richardson (Honours)** **Honours 2016**  
*Synthetic probes for evaluating binding of Hsp90 and Hsp70 C-terminal inhibitors* *November*
- 10. Michael Stramandinoli (Honours)** **Honours 2016**  
*Studies towards the total Synthesis of Marthiapeptide A* *November*
- 11. Daniel Tran (Honours)** **Honours 2016**  
*Design and Synthesis of heat shock protein 27 disruptors* *November*
- 12. Koay Yen Chin (Ph.D.)** **Ph.D. 2016**  
*Design, synthesis and Evaluation of C-terminal Hsp90 modulators as anticancer agents* *November*
- 13. Yao Wang (Ph.D.)** **Ph.D. 2016**  
*Determining the impact of allosteric hsp90 inhibitors on the heat shock response, And the impact on cancer cells when combining these with hsp70 inhibitors* *April*
- 14. Cara Tocan (Joint Ph.D.)** **Ph.D. 2016**  
*Reversal of glucocorticoid resistance in paediatric acute lymphoblastic leukaemia.* *April*
- 15. Jessica Kho (Honours)** **Honours 2015**  
*De novo design and synthesis of heat shock protein 27 inhibitors* *November*
- 16. Michelle Cheung (Honours)** **Honours 2015**  
*Evaluation of the heat shock protein Grp94: role in the heat shock response* *November*
- 17. Vanessa Hunt (Honours)** **Honours 2015**  
*Synthesis of heat shock protein 70 inhibitors via denovo design* *November*
- 18. Jeanette McConnell (Ph.D.)** **Ph.D. 2015**  
*Synthesis and biological evaluation of allosteric (SM series) hsp90 inhibitors as molecular tools and anticancer therapeutics.* *November*
- 19. Amirul Islam (Ph.D.)** **Ph.D 2015**  
*Screening, synthesis and mechanism of action of heterocyclic containing molecules.* *May*
- 20. Marwa Rahimi (Honours)** **Honours 2014**  
*Synthesis of small molecules that induce reversal of glucocorticoid resistance in acute lymphoblastic leukaemia* *November*

<b>21. Laura Buckton (Honours)</b> <i>Denovo design, Synthesis and Biological Evaluation of Hsp90 inhibitors targeting the C-terminus</i>	<b>Honours 2014</b> November
<b>22. Hendra Wahyudi (Ph.D.)</b> <i>Development of Lead Structures that are cytotoxic and are derived from Macrocyclic Natural Products.</i>	<b>Ph.D. 2014</b> August
<b>23. Seong Jong Kim (Ph.D.)</b> <i>A Novel Study Of Macrocyclic Anticancer Agents: Total Synthesis Of Urukthapelstatin A And Nanoparticle Hsp 90 Inhibitor Delivery System</i>	<b>Ph.D. 2014</b> September
<b>24. Yuqi Zhang (Honours)</b> <i>Synthesis and Biological Evaluation of heterocycles</i>	<b>Honours 2013</b> November
<b>25. Chun-Chieh Lin (Ph.D.)</b> <i>Design and Synthesis of Macrocyclic Peptides with Anti-cancer Potency</i>	<b>Ph.D. 2013</b> August
<b>26. Worawan Tantisantisom (M.Sc.)</b> <i>Synthesis and Evaluation of Sanguinamide B analogs and their mechanism of action</i>	<b>M.Sc. 2013</b> July
<b>27. Kai Buy (Honours)</b> <i>Mechanistic Studies of Organometallic Rh and Ir complexes</i>	<b>Honours 2012</b> November
<b>28. Chung-Mao Pan (Ph.D.)</b> <i>Synthesis and Evaluation of Macrocycles as Potential Antitumor Agents</i>	<b>Ph.D. 2012</b> August
<b>29. Maria Barbara Guillern (M.S.)</b> <i>Sansalvamide A and Heat Shock Protein 90 Binding</i>	<b>M.Sc. 2012</b> August
<b>30. Erinprit Singh (Ph.D)</b> <i>Design and Synthesis of Bioactive Macrocyclic Natural Products</i>	<b>Ph.D. 2012</b> June
<b>31. Leslie Alexander (Ph.D)</b> <i>Design, Synthesis, and Mechanistic studies of Sansalvamide A Derivatives</i>	<b>Ph.D. 2012</b> June
<b>32. Robert Sellers (M.S.)</b> <i>Synthesis of Macrocyclic Anticancer agents: San A derivatives and U-stat A</i>	<b>M.Sc. 2012</b> April
<b>33. Jeremiah Savage (M.S.)</b> <i>Development and Application of Multi-compound clustering of CK2 and Hsp90</i>	<b>M.Sc. 2012</b> January
<b>34. Kaishen Tanaka (Honours)</b> <i>Mechanistic Studies of Sansalvamide A 185</i>	<b>Honours, 2011</b> November
<b>35. Chester Vera (Honours)</b> <i>Macrocycles and Peptidomimetics</i>	<b>Honours, 2011</b> November
<b>36. Victoria Johnson (M.S.)</b> <i>Design, Synthesis, and Biological activity of Sansalvamide A derivatives</i>	<b>M.Sc. 2011</b> June
<b>37. Suchitra Ravula (M.S.)</b> <i>Design and Synthesis of Sansalvamide A and FR235222 Derivatives</i>	<b>M.Sc. 2010</b> January
<b>38. Melinda Davis (M.S.)</b> <i>Design and Synthesis of Sansalvamide A and Di-sansalvamide A derivatives</i>	<b>M.Sc. 2009</b> April
<b>39. Stephanie Lopera (M.S.)</b> <i>Design and Synthesis of Anticancer Agents: Sansalvamide A and Histone Deactylase</i>	<b>M.Sc. 2008</b> December
<b>40. Po-Shen Pan (Ph.D.)</b> <i>Design of Macrocycles and their Biological Evaluation as Antitumour agents</i>	<b>Ph.D. 2008</b> September

41. **Katerina Otrubova (M.S.)** **M.Sc. 2007**  
*Synthesis and Structure-Activity Relationships of Sansalvamide A derivatives* December
42. **Joseph Brown (M.A.)** **M.A. 2007**  
*Synthesis and Evaluation Sansalvamide A derivatives* May
43. **Ahmet Kecec (M.S.)** **M.Sc. 2007**  
*Synthesis & Evaluation of Sansalvamide A derivatives and HIV—1 integrase inhibitors* Jan
44. **Lisa Liotta (M.S.)** **M.Sc. 2005**  
*Design and Synthesis of Biologically Interesting Macrocyclic Peptides and Depsipeptide* April
45. **Jennifer Robinson (M.S.)** **M.Sc. 2004**  
*Novel Antibiotics: Synthesis of Class B Synergimycines* July