




**NZIMLS ASM 2022**  
**Te Papa**  
**Wellington, New Zealand**  
**31 August to 2 September 2022**




Wednesday 31 August		
0900 – 1030	Plenary Session 01 – Welcome and Official Opening	Soundings Theatre
	<p><b>Welcome</b>  <i>Ajesh Joseph, ASM Convenor and Terry Taylor, NZIMLS President</i></p> <p><b>Official Opening of the NZIMLS 2022 Annual Scientific Meeting</b>  <i>Dr Andrew Old, Deputy Director-General Public Health Agency</i></p> <p><b>Sponsors Welcome</b></p> <p><b>Keynote Address</b>  <i>Dr Diane Sarfati, Director-General of Health</i></p>	<p><b>Sponsored by:</b></p> 
1030 – 1100	Morning Tea	Icon Room
1100 – 1130	<p>Chair: Ross Hewett</p> <p><b>Awarding of Honorary Fellowship of the NZ Society of Pathologists to Prof. Rob Siebers</b>            Award Presentation and Address  <i>Dr Bethwaite, President NZSP</i></p> <p>Acceptance Speech  <i>Prof Rob Siebers, Chief Editor, NZJMLS</i></p>	
1130 – 1230	Plenary Session 02 – TH Pullar Address	Soundings Theatre
	<p>Chair: Ross Hewett</p> <p><b>TH Pullar Address</b>  <b><i>Dr Dianne Webster</i></b>            Neonatal Screening Programme</p>	
1230 – 1330	Lunch	Icon Room


1330 – 1500	<p><b>Microbiology</b> Chair: Sean Munroe</p> <p>Artificial intelligence and machine learning in Microbiology/ infectious diseases <i>Melissa Niemandt, Waikato Hospital</i></p> <p>Diagnostic stewardship of urine samples. <i>Michael Addidle, Pathlab</i></p> <p>To request or not to request...that is the question <i>Trudy Poole, Wellington SCL</i></p>	<p><b>Embryology</b> Chair: Mike Legge</p> <p>Artificial Intelligence in ART: Are we there yet? <i>Dr Nick Knowlton, University of Auckland</i></p> <p>Pre-implantation genetic diagnosis: mosaicism or non-invasive</p>	<p><b>Molecular Biology</b> Chair:</p> <p>Next generation Genome Sequencing <i>Maxim Bloomfield, Wellington SCL</i></p> <p>Inborn errors of metabolism and metabolic biochemistry laboratory – an introduction <i>Mark De Hora, LabPLUS</i></p> <p>The effect of heat inactivation on the detection sensitivity of SARS-CoV-2 <i>Lisa Hsu, Hills Laboratories</i></p> <p>Polio history and the role of molecular technology in the Global Eradication programme <i>Judy Bocacao, ESR</i></p>	<p><b>Pre-Analytical</b> Chair: Ajesh Joseph</p> <p>Specimen Services: The value of empathy <i>Melissa Couper, Labtests</i></p> <p>Winds of change – what more can we learn from the aviation industry? <i>Oscar Lau, LabPLUS</i></p> <p>Health and Safety in the Laboratory during the pandemic <i>Lorelyn Garcia, Middlemore Hospital</i></p>	<p><b>Transfusion Science</b> Chair: Sue Melvin</p> <p>Capture Biovue Comparison <i>Mark Howard</i></p> <p>Rhesus HDFN - A case study. <i>Raewyn Cameron, Pathlab Rotorua</i></p> <p>Occult alloimmunization to the D antigen (RhD) related to graft versus host disease and its treatment – a case study <i>Krishna Badami</i></p> <p>Clinical Significance of antibodies of Lutheran system <i>Emma McLaren</i></p>	<p><b>Leadership and Advanced Technology</b> Chair:</p> <p>Health Systems Leadership for Digital Health <i>Becky George, Clinical Director Hira Data and Digital, Health NZ</i></p> <p>The digital future for laboratories <i>Trevor English, Canterbury SCL</i></p> <p>COVID-19 elimination in a military compound, Sinai, Egypt <i>Kevin Drysdale, NZDF</i></p>
1500 – 1530	Afternoon Tea					

1530 – 1700	<b>Microbiology</b> <b>Chair: Sean Munroe</b>	<b>Embryology</b> <b>Chair: Mike Legge</b>	<b>Haematology</b> <b>Chair: Philip Ibrahim</b>	<b>Pre-Analytical</b> <b>Chair: Ailsa Bunker</b>	<b>Transfusion Science</b> <b>Chairs: Holly Perry/ Raewyn Cameron</b>	<b>Leadership and Advanced Technology</b> <b>Chair:</b>
	<p>Diagnostic stewardship: what does this mean for the microbiology laboratory? <i>Dr Juliet Elvy</i></p> <p>Off the top of your head <i>Hollie Beall, Waikato DHB – Recorded</i></p> <p>Antimicrobial susceptibility of Shigella in New Zealand, 2019 <i>Audrey Tiong – ESR</i></p>	<p>Human embryo research in New Zealand: the legal framework and current regulatory challenges <i>Jeanne Snelling, National Ethics Committee on Assisted Human Reproduction</i></p> <p>Mātauranga Māori with Assisted Research Technology and the HART Act <i>Dr Karaitiana Taiuru PhD, JP (Ngāi Tahu/Ngāti Kahungunu/Ngāti Toa)</i></p>	<p>With a little help from our bovine friends’ Emicizumab – Our laboratory’s pivotal role in a case requiring major surgery <i>Raylene Sloper, Wellington SCL</i></p> <p>DOAC stop <i>Sunny Jamati, Waikato DHB</i></p> <p>Haemostasis <i>Huib Buyck, Wellington SCL</i></p>	<p>The Winds of change and HIV <i>Rachael Jenkins, Labtests</i></p> <p>Winds of change <i>Jill Biluno, Wellington SCL</i></p> <p>TBC <i>Dr Richard Charlewood</i></p>	<p>ClotPro and MTP Blood Product usage in MTPs in Tauranga <i>Sandra Beckman, Tauranga Hospital</i></p> <p>The Implementation of Routine Antenatal Anti-D Prophylaxis (RAADP) during pregnancy <i>Yvonne Choy, Middlemore Hospital</i></p> <p>A suspected anaphylactic reaction to DMSO – a case study <i>Antony Nalder, NZBS</i></p>	<p>Experiences of an HOD during COVID Pandemic <i>Tony Barnett – SCL Nelson</i></p> <p>NZIMLS.....Where everyone knows our name <i>Terry Taylor – NZIMLS President</i></p>
1730 – 1930	Jim le Grice Icebreaker and Exhibition Opening				Icon Room	

Thursday 01 September		
0730 - 0850	NZIMLS ANNUAL GENERAL MEETING Breakfast meeting (Members only)	<b>Rangimarie Room</b>
0900 – 1230	Plenary Session 03 – COVID in Aotearoa New Zealand Chair: Terry Taylor	<b>Soundings Theatre</b>
	<p style="text-align: center;"><b>COVID-19 Waste water testing</b> <i>Dr Joanne Hewitt, ESR</i></p> <p style="text-align: center;"><b>The winds of change, how we have worked together and how we could work together in a reformed system</b> <i>Dr Martin Chadwick MoH</i></p> <p style="text-align: center;"><b>COVID-19, antibodies and convalescent plasma</b> <i>Dr Richard Charlewood</i></p>	<p>Sponsored by:</p> 
1030 – 1100	Morning Tea	<b>Icon Room</b>
1100 – 1230	<p style="text-align: center;"><b>Genomics of SARS-CoV-2</b> <i>Dr Joep de Ligt, ESR</i></p> <p style="text-align: center;"><b>TBA</b> <i>Dr Bryan Betty, RNZ CGP</i></p> <p style="text-align: center;"><b>Important lessons from Aotearoa New Zealand's response to COVID-19</b> <i>Prof Michael Baker</i></p>	<p>Sponsored by:</p> 
1230 – 1330	Lunch	<b>Icon Room</b>
1330 – 1500	Plenary Session 04 – Vision for the Future Chair: Mary-Ann Janssen	<b>Soundings Theatre</b>
1330 – 1400	<p style="text-align: center;"><b>Māori Health</b> <i>Dr Myra Ruka, Clinical Haematologist</i></p>	<p>Sponsored by:</p> 
1400 - 1430	<p style="text-align: center;"><b>Working with Disabilities</b> <i>Rachael Wiltshire, Autism NZ</i></p>	
1430 - 1500	<p style="text-align: center;"><b>Laboratory Science practice</b> <i>Brett Besley, Medical Sciences Council</i></p>	
1500 – 1530	Afternoon Tea	<b>Icon Room</b>

1530 – 1700	<b>Histology/Cytology</b> <b>Chair:</b> Sujata Hemmady	<b>Pacific Pathology Training Centre</b> <b>Chair:</b> Prof Rob Siebers	<b>Biochemistry</b> <b>Chair:</b>	<b>NZBS</b> <b>(Organ Donation &amp; Cellular Therapy)</b> <b>Chair:</b>
	<p>NCSP Update <i>Tanya Fulton, LabPLUS, Auckland</i></p> <p>Her2 IHC, impact on patient's treatment and prognosis <i>Rocel Mangaliman &amp; Dr Peny Lin, ADHB</i></p> <p>Breast Specimen in Histology <i>Gillian Lanham, Waikato DHB</i></p>	<p>Future directions for the PPTC and the Pacific Laboratories <i>Philip Wakem</i></p> <p>Laboratory education initiatives in the Pacific <i>Russell Cole</i></p> <p>Upgrades in Biochemistry in the Pacific <i>Filipo Faiga</i></p> <p>Recent laboratory developments in the Pacific Region <i>Navin Karan and Angela Lewis</i></p>	<p>Diving deep into blood gas sampling <i>Stephanie Williams, Waitemata Hospital</i></p> <p>Newborn screening for severe combined immunodeficiency in New Zealand <i>Shonal Shimal Krishna, LabPLUS</i></p> <p>Metal poisonings – a case study <i>Khundker Hossain, Northland DHB</i></p>	<p>Heart Valve Banking "The Miracle of Giving" <i>Julie Ruddell, NZBS Auckland</i></p> <p>"Life After Death". Skin donation and the White Island eruption <i>Alice Tuinukuafe, NZBS Auckland</i></p> <p>Overview of organ donation in New Zealand Dr Jo Richie, ODNZ</p>
1900	<p><b>Conference Dinner – Te Marae</b>  <b>Pre-dinner drinks from 6:30pm</b>  <b>Theme: Where in the world would you go? (Think National Costumes)</b>  <b>Entertainment: The Daytrippers</b></p>			<p><b>Sponsored by:</b></p> 



Friday 02 September		
0900 – 1030	Plenary Session 05 - Integration of Diagnostics and Research – “Winds of Change” Chair: Rob Siebers	<b>Soundings Theatre</b>
0900 - 0930	Searching for new antibiotics using bioluminescence, Lego and fungi! <i>Dr Siouxsie Wiles – Recorded</i>	
0930 - 1000	The renin-angiotensin system in the regulation of stem cells and its role in cancer <i>Dr Swee Tan ONZM MMBS PhD FRACS</i>	
1000 - 1030	Engineering Aotearoa’s CAR T-cell Programme Dr Rachel Perrett	
1030 – 1100	Morning Tea	<b>Icon Room</b>
1100-1200	Plenary Session 06 Chair: Tony Barnett	<b>Soundings Theatre</b>
1100 – 1130	AUT <i>Sharita Meharry</i>  Otago University <i>Tania Slatter</i>  Massey University <i>Christopher Kendrick</i>	<b>Sponsored by:</b> 
1130 - 1200	<b>Developing Diagnostics: The quest to characterise immune dysfunction</b> <i>Dr Anna Brooks and Terry Taylor</i>	
	<b>Official Closing</b>	
1200	<b>Lunch and Goodbyes!</b>	