

CURRICULUM VITAE

09/08/2022

Name: George Alex

Contact Details Department of Gastroenterology and Nutrition
RCH Melbourne
50 Flemington Road
Parkville 3052

Fellowships and Memberships

Gastroenterology Society of Australia (GESA)

North American Society of Paediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN)

Australasian Society Paediatric Gastroenterology, Hepatology and Nutrition (AUSPGHAN)

Fellow of the Royal Australian College of Physicians (RACP)

Undergraduate and Postgraduate Degrees

1991 **MBBS**, *University of Queensland*

1995 **M.Med (Paediatrics)**, *National University of Singapore*

1996 **MRCP (Paediatrics)**, *Royal College of Physicians United Kingdom*

2000 **FRACP**, *Royal Australasian College of Physicians*

2002 **PhD**, 'Sustained Slow Postsynaptic Excitation in the Enteric Nervous System,'
University of Melbourne

Awards and Scholarships

John Rendle Short Prize in Child Health- Prize for best Student in Paediatrics 1991-University of Queensland

Melbourne University Research Scholarship- 2000/2001

RESEARCH

Internal Peer Review Funded Grant

Response to the Monovalent Influenza A (H1N1) vaccine in the immunosuppressed paediatric post liver transplant patients: A single center study-Funded by MCRI 2009 Theme Research Investment. Haller W, Hardikar W, Buttery J, Alex G. \$5000

Industry Funded Trials – Multicentre National and International Trials

1. Hep B Peg B Active YV25718 -Roche (SubPI) Title: Multicenter international study of pegylated interferon for the treatment of chronic hepatitis B in children (YV25718) Investigators: Hardikar W (Chief site investigator), **Alex G (Sub Pi)** Funding: Roche Grant: approx. \$182,000 (2010-2013)
2. CRAD001H2305 Pediatric Liver Transplant Study –Novartis (PI) 2012 Title: A 24 month, multicenter, single arm prospective study to evaluate renal function, efficacy, safety and tolerability of everolimus in combination with reduced exposure cyclosporine or tacrolimus in paediatric liver transplant recipients (CRAD001H2305 study) Investigators: **Alex G (PI)**, Hardikar W Hardikar,, Stormon M, Jones R. Funding: Novartis Grant: approx. \$76,000 (2013-2014)
3. Image Kids-IBD consortium (PI) Investigator initiated funded by Abbott 2014
4. GS-US 334-1112 Gilead (Sub PI)- 2014 Title: A Phase 2, Open-Label, Multicenter, Multi-cohort, Single-Arm Study to Investigate the Safety and Efficacy of Sofosbuvir + Ribavirin in Adolescents and Children with GT-2 or GT3 Chronic HCV Infection (GS-US-334-1112) Investigators: Hardikar W (Chief investigator), **Alex G SubPI** Funding:Gilead Grant: approx. \$22,753 (2014-2016)
5. GS US 334-113-Genotype 1 study Sofosbuvir/Ledipasvir- Gilead (Sub PI) 2014Title: A Long Term Follow-up Registry for Adolescent and Pediatric Subjects Who Received a Gilead Hepatitis C Virus Direct Acting Antiviral (DAA) in Gilead-Sponsored Chronic Hepatitis C Infection Trials (GS-US-334-113) Investigators: Hardikar W (Chief investigator), **Alex G (SubPI)**. Funding: Gilead Grant: approx. \$ 102,260 (2016-2020)
6. LUM001-304 -Lumena- (Sub PI) 2015- Title: A Long-Term, Open-label Study with a Double-Blind, Placebo-Controlled, Randomized Drug Withdrawal Period of LUM001, an Apical Sodium-Dependent Bile Acid Transporter Inhibitor (ASBTi), in Patients with Alagille Syndrome PROTOCOL NUMBER: LUM001-304 Hardikar W. Curriculum vitae 13 Investigators: Hardikar W, Stormon M, **Alex G (Sub PI)** Funding: Lumena (Shire) Grant: approx \$99,300 (2015-2016)
7. A Multicenter, Randomized, DoubleBlind, Placebo Controlled Study of the Human Anti TNF Monoclonal Antibody Adalimumab in Pediatric Subjects with Moderate to Severe Ulcerative Colitis.M11-290 2016-2018 **Alex G (PI)**, Moore D, Lemberg A, Rosenbaum J Funding: Abbvie \$60,000
8. A Validation trial of IBD transition.org: Online psychoeducation service for Adolescents with inflammatory Bowel Disease transitioning to adult services- Alex G (PI), Knowles S. Telematics Funding \$20,000 (2018-2022) .
9. MLN0002-3024 (Vedolizumab in UC) – **Alex G (PI)** , Safe M, Giles Ed Takeda (2021-2025) \$30,000/patient recruited
10. MLN0002-3025 (Vedolizumab in Crohns) -**Alex G (PI)** Safe M and Giles Ed(SubPI) Takeda (2021-2025)- \$30,000/patient recruited
11. A3921210 (Tofacitinib) in IBD - **Alex G (PI)**, Ed Giles (SubPi), Asha Jois (SubPi) Pfizer (2021-2024)

Multisite Non Funded Study

Testing the generalisability of a revised knowledge assessment tool (IBD-KID2) for children with inflammatory bowel disease (AI) 2018 -In collaboration with research team from University of Otago.

Reviewer Roles

Journals

1. **Inflamm Bowel Dis**, 2013 Oct;19(11):The epidemiology of anemia in pediatric inflammatory bowel disease: prevalence and associated factors at diagnosis and follow-up and the impact of exclusive enteral nutrition. Gerasimidis K, Barclay A, Papangelou A, Missiou D, Buchanan E, Tracey C, Tayler R, Russell RK, Edwards CA, McGrogan P. Reviewed in March 2013
2. **International Journal of Pediatrics**. Article titled "Inflammatory Bowel Disease in Children of Middle Eastern Decent," by Christina Naidoo, Steven T. Leach, Andrew S. Day and Daniel Lemberg,. Reviewed Dec 2013
3. **Journal of Paediatrics and Child Health**. Article titled "Crohn disease and ulcerative colitis in children: an update for 2014" DA Lemberg, AS Day. Reviewed in April 2014
4. **Internal Medicine Journal**. "Outcomes of patients with paediatric onset Inflammatory Bowel Disease following transition into adult care." Internal Medicine Journal. Reviewed in 2014
5. **Journal of Gastroenterology Hepatology Open** Manuscript ID JGHOPEN-2019-158 entitled "Three year outcomes of childhood inflammatory bowel disease in New Zealand: A population-based cohort study" Reviewed Nov 2019
6. **Journal of Paediatrics and Child Health** JPC 2020-0842 Superior mesenteric artery syndrome complicating clinical presentation and treatment of inflammatory bowel disease in a pediatric patient Reviewed in 2020
7. **Journal of Gastroenterology Hepatology Open** 2021-009 Assessing effectiveness and patient perception of a novel electronic medical record for the management of inflammatory bowel disease. Reviewed March 2021
8. **Journal of Crohns Colitis** 2021-0318 Epstein Barr virus status and subsequent thiopurine exposure within a paediatric inflammatory bowel disease population

Grants

1. "Predicting adverse outcomes in patients receiving anti-reflux surgery"
Omare T, Moore D, Kuhrana S. **WCH Foundation Research Project Grant Adelaide 2011.**
2. Crohns and Colitis in NZ children- **Cure Kids 2011 Granting Round**
3. Project - APP1147016 CIA: Doctor Suzanne Mashtoub Title: Clinical trial of orally-administered Emu Oil to protect against ulcerative colitis in children **NHMRC Grant Application 2017**

Handbooks

Australian Medicines Handbook 2013, 2017 and 2020 editions - Paediatric Reviewer

Trainee Supervision

National/International Gastroenterology Fellowship Training

1. Chong Sze (IMG fellowship Supervisor) 2013-2014
2. Marcelo Leal (Endoscopy) 2012
3. Mark Safe (RACP College project/Endoscopy) 2016
4. Vered Schildkraut (Endoscopy) 2012
5. Elizabeth Bannister (Endoscopy) 2014
6. Kathleen Mcgrath (RACP College Supervisor/Endoscopy/DOPS) 2015-2017
7. Saniya Kazi (RACP College Supervisor) 2015
8. Hee Wee Foo (IMG fellowship Supervisor/Nestle fellowship supervisor)2018-2020
9. David Wands (IMG fellowship Supervisor) 2018-2019
10. Sahana Sankar (IMG fellowship Supervisor) 2016- 2018
11. Arul Premanaud (IMG fellowship Supervisor)2018- 2019
12. Michael Couper (Direct Observation of Procedural Skills (DOPS)- 2019
13. Thomas Wilson (RACP College Supervisor) 2020/2021
14. Kamleh Barham (IMG fellowship Supervisor) 2020/2021
15. Amit Saha (OTP) 2020
16. Kavya Kurkal (IMG fellowship Supervisor) 2021/2022

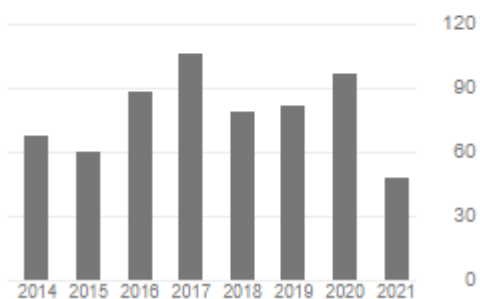
Publications

Book Chapters

1. "Child with diarrhoea" **Alex G.** and Oliver M. in Practical Paediatrics. 6th edition Eds. Robertson MJ and South M. 2007
2. "Gastrointestinal Conditions" **Alex G** and Lubitz L in Paediatric Handbook 8th Edition RCH 2008.
3. "Infective diarrhoea and inflammatory bowel disease" Rosenbaum J and **Alex G.** in Practical Paediatrics. 7th edition Eds. Robertson MJ and South M. 2011
4. "Gastrointestinal Conditions" **Alex G,** Hardikar W, Gibbs S, Nightingale M in Paediatric Handbook 9th edition 2015

Cited by [VIEW ALL](#)

	All	Since 2016
Citations	924	502
h-index	16	13
i10-index	23	14



Manuscripts

1. Jois A, Alex G "Inflammatory bowel disease in children" *The Indian Journal of Paediatrics* 2023 <https://doi.org/10.1007/s12098-023-04671-0>
2. Management and Monitoring of Pediatric Inflammatory Bowel Disease (PIBD) in the Asia Pacific Region: A Position Paper by the Asian Pan-Pacific Society for Pediatric Gastroenterology, Hepatology, and Nutrition (APPSPGHAN) PIBD Working Group: Surgical Management, Disease Monitoring and Special Considerations (accepted JGH 2022)
3. Management and Monitoring of Pediatric Inflammatory Bowel Disease (PIBD) in the Asia Pacific Region: A Position Paper by the APPSPGHAN PIBD Working Group, to (accepted JGH 2022)
4. Sathiaseelan. M, Alex G Hardikar W. "Impact of Ulcerative Colitis on liver related outcomes of children with Primary Sclerosing Cholangitis" *Journal of Paediatrics and Child Health* 58(7) April 2022 DOI:[10.1111/jpc.15954](https://doi.org/10.1111/jpc.15954)
5. Jois A, Perera S, Simm P, Alex G. Use of Dual-Energy X ray Absorptiometry in Children with Inflammatory Bowel disease – a Large Single Centre Study. *Pediatric Gastroenterology Hepatology Nutr.* 2022 Nov;25(6):473-480. doi:10.5223/pghn.2022.25.6.473
6. Dawson R, Wands D, Logan M, Merdeith J, Efkliides S, Benn L, Wilson D, Henderson P, Grant H, Bremner G, Gerasimidis K, **Alex G**, Russell RK. IBD-D-21-01372R1, entitled "Comparing effectiveness of a generic oral nutritional supplement with a specialised formula in the treatment of active paediatric Crohn's Disease" *Inflammatory Bowel Diseases*, Volume 28, Issue 12, December 2022, Pages 1859–1864, <https://doi.org/10.1093/ibd/izac039>
7. Crawford N, Ford T, Danchin M, McMinn A, Perrett K, **Alex G**. Immunisation Status of Children and Adolescents with a New Diagnosis of Inflammatory Bowel Disease. *BMC infectious disease* *BMC Infect Dis* **22**, 6 (2022). <https://doi.org/10.1186/s12879-021-06976-x>
8. Vernon-Roberts A, Lopez RN, Lewindon P, Lember DA, Hearn N, **Alex G**, Otle A, Jacobsen K, Evans H, Roberts A., Geary RB Day AS. Assessment of disease- related knowledge among children with inflammatory bowel disease and their family using IBD-KID2; evaluating tool generalizability- *JPGN Reports* (2021) 2:3 (e075)
9. Knowles SR, **Alex G** "Medication Adherence Across the life Span in Inflammatory Bowel Disease: Implications and Recommendations for Nurses and Other Health Providers" *Gastroenterol Nurs* 2020 Jan/Feb;43(1):76-88
10. Kansal S, Catto-Smith AG, Boniface K, Thomas S, Cameron DJ, Oliver M, **Alex G**, Kirkwood CD, Wagner J "Variation of Gut Mucosal Microbiome with ASCA Status in Paediatric Crohns Disease" *J Pediatric Gastroenterolo Nutr* 2019 Dec 69(6) 696-703
11. Grover Z, **Alex G** "Management of inflammatory bowel disease in children: It is time for an individualized approach" Oct 15 (10.1111/jpc.14652) has been accepted for publication in *Journal of Paediatrics and Child Health* 2019. (Epub ahead of print)
12. Bolia R, Rajanyagam J, Hardikar W, **Alex G** "Impact of Changing Treatment strategies on outcomes in Paediatric Ulcerative Colitis" *Inflamm Bowel Dis.* 2019 Oct 18;25(11):1838-1844.
13. Kansal S, Catto-Smith AG, Boniface K, Thomas S, Cameron DJ, Oliver M, **Alex G**, Kirkwood CD, Wagner J "The Microbiome in Paediatric Crohns Disease- A Longitudinal Prospective, Single-Centre Study" *J Crohns Colitis* 2019 Aug 14;13(8) 1044-1054.
14. Massuger W, Moore GTC, Andrews JM, Kilkenny MF, Reyneke M, Knowles S, Purcell L, **Alex G**, Buckton S, Page AT, Stocks N, Cameron D, Manglaviti F, Pavli P. "Crohn's & Colitis Australia Inflammatory Bowel Disease Audit: Measuring the quality of care in Australia" *Intern Med J* 2019 Jul;49(7) 859-866

15. McGrath KH, **Alex G** "The challenge of outpatient clinical triage in paediatric gastroenterology: Who is referred and what is needed." *Aust J Gen Pract* 2019 Apr;48(4) 230-233
16. Fehmel E , Teague W, Simpson Di, McLeod E, Hutson JM, Rosenbaum J, Oliver M, **Alex G**, King S "The Burden of Surgery and Post-Operative Complications in Children with Inflammatory Bowel Disease". *J Pediatr Surg*. 2018 Dec;53(12):2440-2443
17. Ledder O, Church P, Cytter-Kuint R, Martínez-León M, Sladek M, Copenrath E, Weiss B, Yerushalmi B, Martin de Carpi J, Duchano L, Towbin A, Assa A, Shaoul R, Mearin ML, **Alex G**, Griffiths A, Turner D; ImageKids study group. "A Simple Endoscopic Score Modified for the Upper Gastrointestinal tract in Crohn's Disease (UGI-SES-CD): a report from the ImageKids study" *J Crohns and Colitis*, 2018 12,(9), 1073–1078
18. Matta J, Hardikar W, **Alex G**, Cameron DJS, Chow CW, Heine R "Pediatric collagenous gastritis and colitis: a case series and review of literature" *J Pediatr Gastroenterol Nutr*. 2018 Sep;67(3):328-334
19. Bolia R, Rosenbaum J, Schildkraut V, Hardikar W, Oliver M, Cameron DJS, and **Alex G**. "Secondary Loss of Response to Infliximab in Pediatric Crohn Disease: Does It Matter How and When We Start?" *J Pediatr Gastroenterol Nutr*. 2018 Apr;66(4):637-640.
20. Meyer A, Catto-Smith A, Cramer J, Simpson D, **Alex G**, Hardikar W, Cameron D, Oliver M. "Achalasia: Outcome in Children". *J Gastroenterol Hepatol*. 2016 Feb;32(2):395-400.
21. Brizard CP, Lane GK, **Alex G**, Cheung M "Original Surgical Procedure for the Treatment of Protein-Losing Enteropathy in Fontan Patients: Report of Two Midterm Successes". *Circulation*. 2016 Aug 23;134(8):625-7.
22. Ledder O, Catto-Smith AG, Oliver MR, **Alex G**, Cameron DJ, Hardikar W. Clinical Patterns and Outcomes of Early Onset Inflammatory Bowel Disease. *J Pediatr Gastroenterol Nutr*. 2014 Nov;59(5):562-4
23. Wright E, Williams J, Andrews J, Day A, Gearry R, Bampton P, Moore D, Lemberg D, Ravikumaran R, Wilson J, Lewindon P, Radford-Smith G, Rosenbaum J, Catto-Smith A, Desmond P, Connell W, Cameron D, **Alex G**, Bell S, De Cruz P. Perspectives of Paediatric and Adult Gastroenterologists on Transfer and Transition Care of Adolescents with Inflammatory Bowel Disease. *Intern Med J*. 2014 May;44(5):490-6
24. Bannister EG, Cameron DJ, Oliver MR, **Alex G**, Catto Smith AG et al Can coeliac serology be used as a marker of duodenal mucosal recovery in children with coeliac disease on a gluten-free diet. *Am J Gastroenterol*. 2014 Sep;109(9):1478-83
25. Meyer A, Connell T, **Alex G**. Oesophageal traction diverticulum led to tuberculosis diagnosis. *J Gastroenterol Hepatol* 2014 29(11)
26. Gouldthorpe O, Catto-Smith AG, **Alex G**, Simpson D. Loss of response to long-term infliximab therapy in children with Crohn's disease. *Pharmaceuticals* (Basel) 2013 Oct 16: 6(10) 1322-34.
27. **Alex G** and Cameron D Pediatric inflammatory bowel disease: can patterns in Asia shed some light. *J Gastroenterol Hepatol*. 2013 Mar; 28(3) 387-9
28. Jimenez, **Alex G**, G. Paxton, TG. Connell, W. Hardikar. "B Alert: Hepatitis B virus infection in children in Victoria" *J Paediatr Child Health*. 2013 Mar; 49(3)213-6
29. Schildkraut V, **Alex G**, Cameron DJS, Hardikar W, Lipschitz B, Oliver MR, Simpson D, Catto-Smith, AG. Sixty-year study of incidence of childhood ulcerative colitis finds eleven-fold increase beginning in 1990s. *Inflamm Bowel Dis*. 2013 Jan;19(1):1-6
30. Yang LS, **Alex G**, Catto-Smith AG. The use of biologic agents in pediatric inflammatory bowel disease. *Current Opin Paediatr* 2012 Oct; 24(5):609-14.G
31. Nordin N, **Alex G**, Clarnette T, Stephens N, Oliver M. Common Bile Duct Stones in infancy: a medical approach *J Paediatr Child Health*. 2012 Aug; 48(8):705-9.

32. Nethercote M, Heine R, Kansal S, Ho S, Chow CW, Cameron D, **Alex G**, Erbas B, Osborne N, Stevens L, Davidson D, Allen KJ. Clinical Features of Eosinophilic Esophagitis in a Consecutive Series of Pediatric Patients in an Australian Tertiary Referral Center. *The Journal of Food Allergy* 1 (2) : 160 - 169(2012)
33. Gouldthorpe O, Catto-Smith AG and **Alex G**. "Biologics in Paediatric Crohn Disease *Gastroenterol Res Pract.* 2011;2011:287574. Epub 2011 Nov 17
34. Turner D, Travis SP, Griffiths AM, Ruemmele FM, Levine A, Benchimol EI, Dubinsky M, **Alex G**, Baldassano RN, Langer JC, Shamberger R, Hyams JS, Cucchiara S, Bousvaros A, Escher JC, Markowitz J, Wilson DC, van Assche G, Russell RK. Consensus for Managing Acute Severe Ulcerative Colitis in Children: A Systematic Review and Joint Statement From ECCO, ESPGHAN, and the Porto IBD Working Group of ESPGHAN *Am J Gastroenterol.* 2011 Apr;106(4):574-88.
35. Smart K, **Alex G**, Hardikar, W. Feeding the Child with Liver Disease A review and Practical Clinical Guide. *J Gastroenterol Hepatol.* 2011 May;26(5):810-5.
36. Haller W, Buttery J, Laurie K, Beyerle K, Hardikar W, **Alex G**. Immune response to pandemic influenza A (pH1N1/09) vaccination in paediatric liver transplant recipients. *Liver Transpl.* 2011 Aug;17(8):914-20.
37. Rosenbaum. J, **Alex G**, Simpson D, Catto-Smith "Luminal View of an Intussusception captured by capsule endoscopy" *J Pediatr Gastroenterol Nutr* 2011 53, 127
38. Rosenbaum J, **Alex G**, Roberts H, Orchard D, Drug rash with eosinophilia and systemic symptoms secondary to sulfasalazine. *J Paediatr Child Health* 2010 46, 93-196
39. Rosenbaum, J, **Alex G**, Clarnette, T . Ursodeoxycholic acid's role in avoiding diversionary surgery in idiopathic fibrosing pancreatitis *J Paediatr Child Health* 2009 Nov; 45 (11); 681-683
40. Cardamone M, **Alex G**, Harari MD, Moss WP, Oliver MR . Severe Iron- deficiency anaemia in adolescents; Consider Helicobacter pylori infection. *J Paediatr Child Health* 2008 Nov; 44(11):647-50
41. **Alex G**, Catto-Smith AG, Ditchfield M et al. Is significant cystic fibrosis related liver disease a risk factor in the development of bone mineral abnormalities. *Paediatr Pulmonol.* 2006 Apr;41(4): 338-44.
42. Wei BP, Taylor R, Chan YF, Waters K, **Alex G**. Mesenteric Castleman's disease in childhood. *ANZ J Surg.* 2004 Jun;74(6):502-4.
43. Furness J.B, **Alex G**., Clark M.J., & Lal V.V.: Morphologies and projections of defined classes of neurons in the submucosa of the guinea-pig small intestine. *Anat Rec.* 2003 Jun; 272A(2): 475-83.
44. **Alex G**, Clerc N, Kunze WAA, Furness JB. Responses of myenteric S neurons to low frequency stimulation of their synaptic inputs. *Neuroscience* 2002;110(2):361-73
45. **Alex G**, Kunze WAA, Furness JB, Clerc N. Comparison of the effects of Neurokinin-3 receptor blockade on two forms of slow synaptic transmission in myenteric AH neurons. *Neuroscience* 2001;104(1):263-269.
46. **Alex G**, Oliver MR, Collins KJ. Ataxia with isolated vitamin E deficiency: a clinical, biochemical and genetic diagnosis. *J Paediatr Child Health* 2000 Oct; 36(5):515-6
47. Karim B, **Alex G**, Smith AL, Hardikar W. Hepatitis C infection in children: A Melbourne perspective. *J Paediatr Child Health* 2000 Aug; 36(4): 385-8.
48. **Alex G**, Oliver MR. Failure to Thrive Continuing Medical Education Program *Medical Observer* 1998 2nd Oct.;4-6.

Formation of National and International Guidelines

1. Management and Monitoring Guidelines for Paediatric IBD in the Asia Pacific 2021- Asia Pan Pacific Society of Paediatric Gastroenterology, Hepatology and Nutrition (AASPGHAN)
2. IBD audit of organisation and provision in Australia 2016 (Steering committee)
3. Australian IBD standards- Standards of health care for people with inflammatory bowel disease in Australia 2016 (Steering committee)
4. Australian Guidelines for General Practitioners and Physicians- Inflammatory Bowel Disease 4th Edition 2017- **Authored the Paediatric section**
5. Turner D, Travis SP, Griffiths AM, Ruemmele FM, Levine A, Benchimol EI, Dubinsky M, **Alex G**, Baldassano RN, Langer JC, Shamberger R, Hyams JS, Cucchiara S, Bousvaros A, Escher JC, Markowitz J, Wilson DC, van Assche G, Russell RK. **Consensus for Managing Acute Severe Ulcerative Colitis in Children: A Systematic Review and Joint Statement From ECCO, ESPGHAN, and the Porto IBD Working Group of ESPGHAN** *Am J Gastroenterol.* 2011 Apr;106(4):574-88. Epub 2011 Jan 11. Review)

Abstracts

1. Asha Jois, Sajini Perera, Peter Simm, **George Alex** -Use of DXA in children with inflammatory bowel disease – a large single centre study **ECCO meeting 2021 e poster**
2. Wands D, S. Eflikes, L. Benn, **G. Alex** Exclusive Enteral Nutrition in the Management of Paediatric Crohn’s Disease: An Australian Cohort **52nd ESPGHAN 2019 Meeting**
3. Sahana Shanker, Rishi Bolia, Winita Hardikar, Jeremy Rosenbaum and **George Alex** “Tacrolimus has superior efficacy in thiopurine naïve as compared to thiopurine experienced children with steroid dependent or refractory colitis” **E- Poster oral presentation 52nd ESPGHAN 2019 Meeting/ ISPGHAN 2019-Chennai by Sahana Sankar**
4. Bolia. R, Winita Hardikar, George Alex, Jeremy Rajanyagam .Impact of changing treatment strategies on outcomes in paediatric Ulcerative Colitis
Abstract No.: A-968-0008-00798 **51st ESPGHAN Annual Meeting - Oral Presentation 2018 by Rishi Bolia**
5. Sahana Shankar, Natasha Hardikar, Martin Wensing, **George Alex**, Winita Hardikar Does low gamma-glutamyl transferase levels at presentation predict a poor outcome in Biliary Atresia? **E-Poster-ESPGHAN 2018 (Presented by Sahana Shankar)**
6. Niewiadomski O, Studd C, Hair C, Wilson J, Ding NS, Heerasing N, Ting A, Knight R, Santamaria J, Prewett E, Dabkowski P, Alexander S, Dowling D, Allen B, Popp B, Catto-Smith T, **Alex G**, McNeill J, Connell W, Desmond P and Bell S. The first prospective Australian population-based study of newly diagnosed IBD identifies frequent use of immunomodulators, low surgery rates and high cost from medications and investigative procedures. Poster **ECCO 2015**
7. Kansal S^{1,2,3}, Wagner J^{2,3}, Thomas S², Cameron D¹, Oliver M¹, **Alex G**¹, Hardikar W¹, Schildkraut V¹, Kirkwood C.D., Catto Smith A.G. Role of ASCA and ANCA in predicting the severity of paediatric inflammatory bowel disease **Poster AGW 2014**
8. McGuire.R, Herd L, Beyerle K, Nguyen T, **Alex G**, Hardikar W, Crawford N Immunisation of pre and post liver transplant recipients at the Royal Children’s Hospital Melbourne. **Oral Presentation Public Health Association of Australia Conference July 2014 by McGuire R**
9. Elizabeth Bannister, Donald Cameron, Jessica Ng, CW Chow, Anthony Catto-Smith Mark Oliver ,**George Alex**, Ralf Heine, Diane Simpson, Kathleen McGrath, Annette Webb, Winita Hardikar “Coeliac Serology can be used instead of small intestinal

biopsy in the follow up of children with coeliac disease on a gluten free diet". **Oral Presentation ESPGHAN 2014-1588 by Elizabeth Bannister)**

10. Anell Meyer, **George Alex**, Winita Hardikar, Donald Cameron, Anthony Catto-Smith, Di Simpson, Mark Oliver Achalasia in Children-30 years experience of the Royal Children's Hospital, Melbourne. **Oral Presentation ESPGHAN 2014 by Anell Meyer**
11. Smith E, Andrews JM, Bampton P, Moore D, Lemberg D, Day A, Gearry RB, Pavli P, Ravikumar R, Wilson J, Lewindon P, Radford-Smith G, Rosenbaum J, Cameron D, Catto-Smith A, Desmond PV, Connell WR, **Alex G**, SJ Bell, P De Cruz. "Perspectives on transfer and transition care of adolescents with inflammatory bowel disease (IBD) from paediatric to adult care: A survey of paediatric and adult gastroenterologists in Australia and New Zealand." **Oral presentation at AGW 2012 by E Smith.**
12. W Haller JP Buteery, KL Laurie, K Beyerle, W Hardikar, **G Alex**. Immune response to the pandemic influenzaA vaccination in adolescent paediatric liver transplant patients **Oral presentation at AGW 2010 and poster at AASLD 2010 by Wolfram Haller**
13. N Nordin, **G Alex**, T Clarnette, N Stephens, M Oliver. Common Bile Duct Stones in infancy: a medical approach **Poster at AGW 2010**
14. O Ledder, W Hardikar, AG Catto-Smith, MR Oliver, **G Alex**, D Richards, D Cameron. Inflammatory Bowel Disease in children under 6 years old. **Oral presentation at AGW 2010-Oren Ledder**
15. M Garg, W Hardikar, R Vaughan, **G Alex**, J Bines, P Gow, R Sewell, P Angus, R Jones, A Testro. Referrals to an intestinal transplantation center in Australia-early experience. **Oral presentation at AGW 2010-by Adam Testro**
16. Rosenbaum J, Catto Smith, Oliver Mark, **Alex G**. Surgical outcomes in paediatric ulcerative colitis **Poster at AGW Sydney 2009**
17. G. Jimenez, W. Hardikar, AG. Catto-Smith, **G.Alex**, M.R Oliver. Chronic and Recurrent Pancreatitis in Children: A 10 year Experience. **Poster at AGW Brisbane, Oct 2008**
18. Sanger GJ., **Alex G.**, Shafton AD.,Furness JB. NK₃ receptor antagonism by talnetant SB-223412 suggests a role for NK₃ receptors in enteric reflexes evoked by relatively intense stimuli. **Poster presentation Digestive Disease Week, San Francisco, 2002**
19. **Alex G**, Clerc N., Kunze WAA. and Furness JB Evidence that tachykinins are excitatory transmitters to inhibitory motor neurons in the guinea pig ileum. **Poster Presentation at Australian Neuroscience Society, Sydney 2002**
20. **Alex G**, Kunze WAA., Clerc N., Furness JB. Low frequency presynaptic stimulation selectively excites S neurons with descending Axons in the guinea pig ileum. **Poster Presentation at Digestive Diseases Week, Atlanta 2001**
21. **Alex G**, Furness JB., Clerc N.,Kunze WAA. Effects of low frequency presynaptic stimulation on AH and S neurons of the guinea-pig small intestine. **Poster Presentation at Australian Neuroscience Society, Brisbane 2001**
22. **Alex G**, Furness JB., Kunze WAA., Clerc N. Sensitisation of Enteric Neurons: The Pharmacology of Sustained Slow Post-Synaptic Excitation (SSPE) differs from that of the slow EPSP **Brain-Gut 2000 Symposium, in Toulouse, France (Winner of Poster Prize)**

Invited Speaker

International Meetings

- 1994 "A 30 -year Review of Hospital Mortality Trends in the University Department of Paediatrics" -
28th Singapore-Malaysia Congress of Medicine

- 1995 "Detection of Red Blood Cell Glucose Dehydrogenase by the Modified Bernstein's Method" - *International Seminar of Child Health organised by the Paediatric Society of Singapore and Japan 1995*
- 2002 Alex G., Furness JB." Sustained post-synaptic excitation in submucosal neurons" - *Digestive Disease Week, San Francisco 2002* (Presentation delivered by Prof John Furness)
- 2004 "Prolonged Excitation in Neurons of the Submucosal Plexus in the Guinea Pig Ileum" - *23rd. Annual NASPGHAN/Mead Johnson Research Forum for Pediatric Gastroenterologists (Scottsdale, Arizona)*
- 2004 "Optimizing Cyclosporine Immune Suppression for Maintenance Paediatric Liver Transplant Recipients: A Pilot Study - *3rd Astra Zeneca Emerging Leaders Meeting, (Molndal, Sweden)*
- 2006 "New liver or No liver": A Case Presentation - *8th Australia & New Zealand Liver Transplant Meeting (Brisbane, Queensland)*
- 2011 "How do you prioritize Paeds with Metabolic Liver Disease"- *12th ANZ, Liver Transplant Meeting (Gold Coast, Australia)*
- 2012 "Role of Biologics in Paediatric Ulcerative colitis" - *Australian Gastroenterological Week (Adelaide, Australia)- Paediatric session*
- 2014 "Anti TNF levels and antibodies-what's the clinical relevance" – *Australian Gastroenterology Week-(Gold Coast) Paediatric Session*
- 2014 PEDGASTROCHENNAI CME UPDATE - invited speaker 1) Vomiting/Reflux what to expect and 2) IBD in children-overview and current trends
- 2017 *KONIKA 2017-Paediatric Society of Indonesia- "Management of Inflammatory Bowel Disease in Tropical Countries" and ii) "Chronic Diarrhoea; When to think it is IBD" 2017 (keynote speaker)*
- 2020 Asian Pan Pacific Society of Paediatric GastroenterologyHepatology and Nutrition- 1st IBD masterclass in Paediatric IBD - Virtual meeting Bangkok- 1) Management of PIBD and disease monitoring 2) When to call the surgeon- 6th-7th November 2020
- 2020 1st Airlangga Faculty of Medicine International Symposium on Paediatric Gastroenterology- Update on Pediatric Inflammatory Bowel Disease Management in Asia Pacific- 5th Dec 2020 (keynote speaker)

Local and National Meetings

- 2006 Conventional Medical Therapies in IBD" - *Crohn's Colitis Foundation Meeting*
- 2007 "What happens next" - *Crohn's Colitis Foundation Meeting*

- 2008 “Genes and IBD” - *Crohn's Colitis Foundation Meeting*
- 2008 – “Update in Paediatric Gastroenterology” - *Course organized by Dieticians*
2010
- 2009 “Listing for a transplant (Decision Tree)”- *1st ANZ Hepatology/Liver transplant Update for Paediatric GI trainees; Sydney*
- 2011 “Hepatitis B Case Discussion” - *2nd ANZ Hepatology/Transplant Update Paediatric GI trainees; Gold Coast*
- 2011 “Autoimmune Hepatitis/PSC” - *2nd ANZ Hepatology/Transplant Update Paediatric GI trainees; Gold Coast*
- 2011 Update in Paediatric IBD- *Royal Children's Hospital Annual Update; Melbourne*
- 2012 Enteral Nutrition in Crohns Disease - *Crohn's Colitis Foundation Meeting*
- 2012 Transition of the IBD patient- *Victorian Paediatric IBD Interest Group Meeting; Melbourne*
- 2012 Investigation of the jaundiced infant- *RCH Neonatal Surgical Meeting*
- 2012 Paediatric Master Class Sponsored by Astra Zeneca - An Update on IBD in Children; Melbourne
- 2013 Expert Panel Member - *7th Annual Ferring IBD Symposium* - Improve your skills in managing IBD: A case-based evening symposium
- 2014 “Current Disease trends and the RCH Melbourne service model” - *Crohn's Colitis Foundation Meeting*
- 2014 “The New Crohns Patient: Paediatric perspective” *REIG; Sydney*
- 2015 “Interpretation of Liver Function test” - *Masters Series in Gastroenterology RCH*
- 2016 Expert Panel Member- *10th Annual Ferring IBD Symposium* - A decade of IBD education
- 2018 “Inflammatory Bowel Disease: What is New“- *Children's Clinical Paediatric Update; Melbourne*

Hospital Lectures

1. "Short Bowel Syndrome" 2005 FRACP Candidates Lecture Series at Royal Children's Hospital, Melbourne.
2. “Acute Liver Failure” 2008 PICU Registrar Teaching Program
3. “ Liver Transplant in Children-Who and when” 1st ANZ Liver Transplant meeting Sydney 2009
4. “Inborn errors of metabolism” 2009 Gastro fellows group Melbourne

5. "Paediatric Liver Disease and Transplantation" PICU Nurses lecture series 2009/2010
6. IBD for the General Paediatrician- Rural Child Health Training Module-Teleconference 2012

Chair/Moderator at National/International Conferences

Organisation of Major Meetings

1. 1st ANZ Hepatology/Liver transplant Update for Paediatric GI trainees **2009** Sydney- National Convenor/Chief Organiser
2. 2nd ANZ Hepatology/Transplant Update Paediatric GI trainees **2011** in Gold Coast- National Convenor/Chief Organizer
3. 1st - 4th ANZ Biannual Paediatric IBD Meeting 2011-2017 in Melbourne- National Convenor-In conjunction with St Vincents Hospital Melbourne
4. IMPACT-Improve IBD Management 2019- Sponsored by Abbvie- Scientific Committee- International Guest Speakers Anne Griffiths and Benjamin Pariente

Chair/Moderator

1. Assessing Outcomes and Risk of IBD and its therapies- AGW 2010
2. AGW Brisbane 2012
3. 2nd National Pediatric IBD Day 2013 in Melbourne
4. Paediatric Hepatology and Nutrition session AGW 2013
5. Best Practice in Transition of care for IBD patients- Richard Russell Gastroenterology Meeting Sponsored by Janssen 2013
6. What goes in and what comes out- Nutrition and Faecal population in IBD- Richard Russell Paediatric Meeting Sponsored by Janssen 2013
7. Paediatrics session at AGW 2014- Gold Coast
8. 3rd National Paediatric IBD Day 2015
9. 4th National Paediatric IBD Day 2017
10. Professor David Wilson, (Hospital for Sick Children Edinburgh) 2017- Burdens & Advances- Chairperson at Lunch time Presentation at RCH
11. Abbvie Melbourne Dinner Meeting Invited Speaker: Dr Thomas Walters Hospital for Sick Kids Toronto 4 Oct 2017
12. Paediatric IBD Session Chair with International Guest Speaker David Wilson at Australia Gastroenterology Week 2017 Gold Coast
13. Chair Melbourne Gut Club meeting 2019- RCH presentations.
14. IMPACT-Improve IBD Management 2019- Sponsored by Abbvie- Scientific Committee- International Guest Speakers Anne Griffiths and Benjamin Pariente- Moderator

Advisory Boards

1. Member of the Medical Advisory Board for the **International Registry for Wilsons Disease** 2021- Sponsored by Orphalan
2. Abbvie Advisory Board – 2013 and 2017
3. Remicade Advisory Board – 2010

National Committees

1. National Paediatric Medicines Forum Medication Evaluation-Vedolizumab 2021
2. CCA- Paediatric IBD Quality of Care Project Advisory Committee 2021
3. IBD Patient Information Materials Working Group (GESA) 2020
4. Executive Committee Member of Australian IBD Association – 2013 – 2017
5. Member of National IBD Quality of Care Steering Committee – 2014 – 2016
6. President of the Australasian Society Paediatric Gastroenterology, Hepatology and Nutrition (AUSPGHAN) – 2008 -2010 (renamed as GESA Paediatric network)
7. Written Examination Committee of Royal Australasian College of Physicians (Paediatric Section) 2006-2011

Teaching/Medical Education

1. Medical student/JMS- Bedside teaching
2. Gastroenterology Fellow- Monthly lecture program
3. Endoscopy training of Gastroenterology Advanced trainees (2012- ongoing)
4. FRACP written examination committee 2006-2011
5. FRACP Clinical Examiner - 2008, 2012
6. Advanced Medical Science (AMS) Examiner
 - a) 'NOS,VIP,SP,IR Nerves altered in Paediatric Slow Transit Constipation' TL Koh 2007
 - b) 'Transcutaneous Electrical stimulation to Relieve Chronic constipation in children'- KA Ismail 2009.
 - c) 'Loss of Opiate Nerves in Children with slow transit Constipation' NA Ijap 2011
7. PHD Thesis Examiner
 - a. School/Discipline: **Paediatrics University of Adelaide**
Thesis Title: The Epidemiology, Phenotype and Disease Course of Australian Children with Inflammatory Bowel Disease 2014
 - b. School/Discipline: **University of Queensland**
Thesis Title: Exclusive enteral Nutrition and mucosal healing in newly diagnosed children with Crohns Disease: Comparison of clinical parameters, biomarkers and mucosal microbiome between responders and non responders 2018
8. Development of a web based IBD Transition tool. IBDTransition.org.au- sponsored by Telematics. Led by Dr Simon Knowles

Current Clinical Activities

June 2021	Head of Department Department of Gastroenterology and Nutrition Royal Children's Hospital, Melbourne, Australia
Sept 2004 – Current	Consultant Gastroenterologist/ Hepatologist IBD LEAD (since 2013) Department of Gastroenterology and Nutrition Royal Children's Hospital, Melbourne, Australia
Jan 2005 – Current	Sessional Consultant Paediatric Gastroenterologist Digestive Health Centre 90 David St, Dandenong, VIC, Australia
2015- Current	Visiting Consultant Gastroenterologist Epworth Hospital, Richmond, VIC, Australia
2017- Current	Sessional Consultant Paediatric Gastroenterologist CPMG 48 Flemington Road Parkville 3052

Additional Training

1. Full recognition as a proceduralist in **Upper Gastrointestinal Endoscopy** by the Conjoint Committee for recognition of training in Gastrointestinal Endoscopy Australia- 2003
2. Full recognition as a proceduralist in **Colonoscopy** by the Conjoint Committee for recognition of training in Gastrointestinal Endoscopy Australia- 2007
3. **Capsule Endoscopy** Certification 2009
4. **Fibroscan** Certification 2011

Media Experience

1. Vili Fakalata - Channel Nine Interview Victoria (2009)

2. Annie Kerr – Transplant story - Herald Sun Article (2011)
3. Lola Cartwright - Herald Sun Article (2012)
4. Xander Redman - Herald Sun Article (2013)
5. Good Friday Appeal RCH- Patient Related Interviews (2013)
6. Alexandra Bacon - RCH Facebook Page (2013)
7. Layla Saxon – Donor Life - Channel Seven Victoria 2016
8. <https://www.theguardian.com/lifeandstyle/2023/feb/06/avoid-flat-lemonade-and-dont-starve-the-bug-what-to-do-when-gastro-strikes>

Public Presentations

1. RCH Foundation Dinner- Invited Guest speaker 2016
2. RCH Graduation- Main Guest Speaker 2017

Previous Employment History

Dec 1991 – Jan 1993	<p>Internship - Ipswich General Hospital, Queensland, Australia <i>400 bed hospital with full on-site pathology and radiology facilities (Peripheral Teaching Hospital)</i></p> <p>Rotations completed:</p> <ul style="list-style-type: none"> - Accident and Emergency (3 months) - General Surgery (3 months) - General Medicine (3 months) - Obstetrics and Gynaecology (6 weeks) - Anaesthesia (6 weeks)
Mar 1993 – May 1996	<p>Paediatric Residency – National University Hospital, Singapore</p> <p>During this period:</p> <ul style="list-style-type: none"> - Undertook basic training in General Paediatrics - Rotated through various subspecialties including Nephrology, Cardiology, Respiratory, Oncology, Gastroenterology and Neurology. - Completed 6 months of Neonatology and 6 months of Accident and Emergency (Adult and Paediatrics) training. The training included routine ward work, professorial grand ward rounds, Journal Club Meetings, seminar and case Presentations and formal lectures.
Aug 1996 – Jan 1997	<p>Specialty Registrar – The Southampton General Hospital, United Kingdom</p> <ul style="list-style-type: none"> - Worked as a Registrar in Paediatric Nephrology
Jan 1997 – Jan 1999	<p>Speciality Registrar Rotations - Royal Children’s Hospital & Monash Medical Centre, Melbourne, Australia</p> <ul style="list-style-type: none"> - Completed rotations in the Monash Medical Centre A&E Department, Thoracic Medicine and Gastroenterology (RCH). General Paediatric Registrar at Royal Hobart Hospital,

Frankston Hospital, PANCH Hospital, Geelong Hospital and Child and Adolescent Psychiatry at the Austin Hospital.

- Mar 1999 – June 2002 Gastroenterology Research Fellow
- Completed a PhD with the Department of Anatomy and Cell Biology (University of Melbourne) under the supervision of Prof. John Furness. The project involved research on aspects of synaptic transmission in the enteric nervous system. (*Research was jointly funded by Melbourne Research Scholarship, University of Melbourne and Murdoch Children’s Research Institute*).
 - During this period continued sessional clinical practice at Royal Children’s Hospital, Melbourne, in the Emergency and Gastroenterology Outpatient Departments.
- July 2002 – Jun 2003 Gastroenterology Clinical Fellow - Royal Children’s Hospital, Melbourne, Australia
- Involved specialised training in Clinical Gastroenterology, Hepatology, Nutrition and Endoscopy. Other related clinical duties were a weekly Gastroenterology Outpatient Clinic and ward consults.
- 2001 - 2003 Locum Consultant Paediatrician – Emergency Department of Royal Children’s Hospital, Melbourne, Australia
- July 2003 – July 2004 Gastroenterology Clinical Fellow – The Hospital for Sick Children, Toronto, Canada
- Training involved care of pre and post liver and small bowel transplant patients. In addition to general gastroenterology and nutrition inpatients and outpatients care. New procedure skills acquired, included liver biopsies, variceal banding and colonoscopies.

Registration

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| Full registration granted on 04/01/1993 | Medical Board of Queensland – Queensland, Australia |
| 26/02/1993 – 25/02/1996 (Conditional Registration) | Singapore Medical Council |
| 24/06/1996 – 24/06/2000 (Full Registration) | UK General Medical Council |
| 10/10/1996 – current (Full Registration) | APHRA (MED0001162982) |
| 01/07/2003 – 30/04/2004 (Conditional Registration) | College of Physicians and Surgeons – Ontario, Canada |

