

Library Update

No.10, 4th November, 2024

NHMRC: 10 of the best research projects

[10 of the Best NHMRC research projects – Fifteenth Edition](#) is a tribute to the exceptional researchers and their teams around Australia who are adding new evidence to our mounting knowledge and understanding of health by addressing Australia's greatest health challenges.

The NHMRC showcases research projects completed in 2021 that demonstrate the quality and diversity of projects funded through its grant program, and which have significantly contributed to improving human health.

This edition documents ground-breaking discoveries across a broad spectrum of topics from tackling the physical health outcome gaps for adolescents, preventing ear disease among Indigenous children, early diagnosis of glaucoma and implementing trials to reduce the number of open surgeries during a hysterectomy procedure.



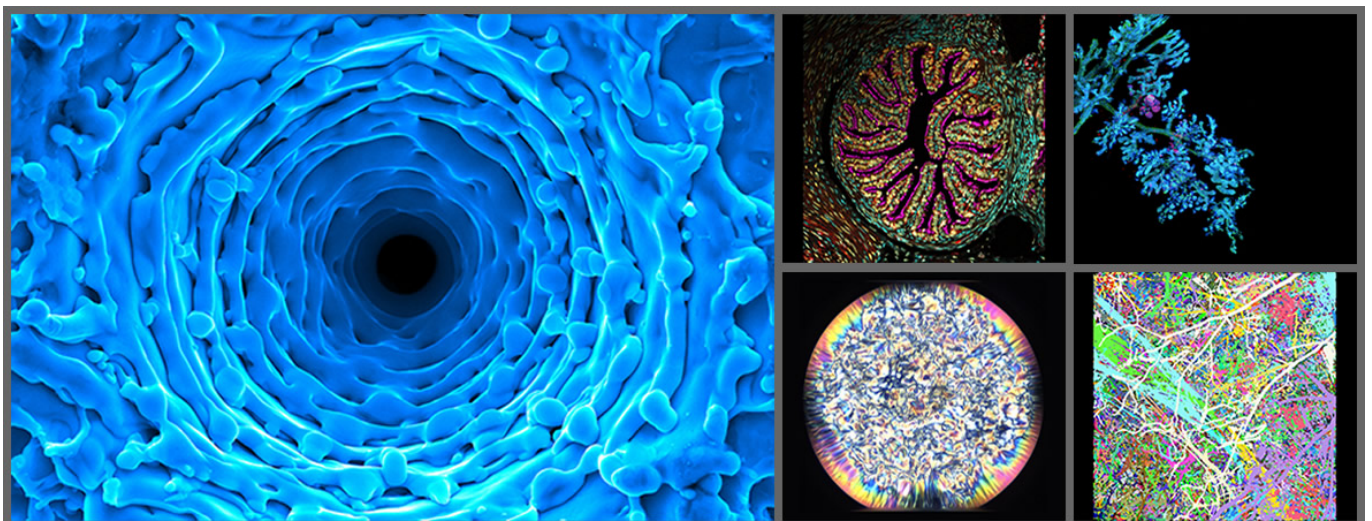
WEHI: Art of Science 2024

Stunning imagery meets life-saving medical research

[This annual, online exhibition](#) is a portrait of discovery, a mosaic of microscopic worlds and a new perspective on life-changing medical research in action. It features vibrant and unique imagery captured by WEHI scientists during their research into cancer, infection and immunity, and healthy development and ageing.

This year's images showcase numerous advanced technologies, offering unparalleled behind-the-scenes insights into cutting-edge scientific research.

Innovative spatial imaging technologies like the MIBIscope – which acts like a “Google map” for proteins in tissues – helped to shed light on how cells interact and communicate in the body. Images also include research using lattice light sheet microscopy for live cell imaging, offering unprecedented 4D imaging capabilities.



Library Update

ClinicalKey Clinical Overviews: latest updates

These [evidence-based summaries](#), designed to support quick decision-making at the point of care, cover a variety of topics which are updated monthly. Organized with easily navigable sections, they ensure rapid access to key clinical concepts, differential diagnoses, and treatment pathways.

Sources for the Clinical Overviews include journal articles, books, clinical practice guidelines, Cochrane reviews and more. Recently added or updated topics include:

- ❖ [Acne Vulgaris](#)
- ❖ [Anorexia Nervosa](#)
- ❖ [Chronic Overlapping Pain Conditions in Children](#)
- ❖ [Community-Acquired Pneumonia in Children \(Older Than 3 Months\)](#)
- ❖ [Diabetes Mellitus Type 2 in Children](#)
- ❖ [Epilepsy in Children](#)
- ❖ [Fever of Unknown Origin in Children](#)
- ❖ [Hyponatremia](#)
- ❖ [Hypoplastic Left Heart Syndrome](#)
- ❖ [Influenza](#)
- ❖ [Joint Hypermobility](#)
- ❖ [Kawasaki Disease](#)
- ❖ [Klinefelter Syndrome](#)
- ❖ [Spina Bifida](#)
- ❖ [Sudden Infant Death Syndrome](#)
- ❖ [Thiamine Deficiency](#)

Library Training: coming sessions

Improve your literature searching skills at the Library

If you can't make it to the scheduled sessions, [contact us](#) to arrange individual or group sessions at a time that suits you. Charges apply for EndNote sessions only; all other Library training is free.

[See the Library website](#) for full session details.

Nursing & Allied Health.....Tue 19 Nov, 10:00 am
Cochrane Library.....Fri 8 Nov, 11:30 am
EndNote Tutorial 1.....Mon 11 Nov, 1:00 pm
EndNote Tutorial 2.....Mon 25 Nov, 1:45 pm
EndNote Demonstration.....Mon 11 Nov, 10:00 am
Finding the EvidenceThu 7 Nov, 1:00 pm
Introduction to the LibraryTue 26 Nov, 9:15 am
Ovid MedlineWed 13 Nov, 2:00 pm

Wellbeing and appreciation events

November	NICU Awareness Month
November	Lung Cancer Awareness Month
November 8	World Radiography Day
November 9	Australian Food Safety Week
November 10	World NET Cancer Awareness Day
November 11	National Recycling Week
November 12	World Pneumonia Day
November 14	World Diabetes Day
November 16	International Day for Tolerance
November 17	World Prematurity Day
November 18	World Antimicrobial Awareness Week
November 20	World Children's Day
December 1	World AIDS Day

Database Search Tips and EndNote Tips on the Library website

Each issue of the *Library Update* includes a handy tip for database searching or for using EndNote. We've brought all these tips together and made them available on the Library website.

[Database search tips](#) include: understanding the difference between keyword searching and thesaurus searching; how to use wildcard truncation; using explode and focus to modify search results; how to use filters and limits; saving and editing your searches; and using Boolean operators.

[EndNote tips](#) include: file handling and upgrades; dealing with duplicate references; using Manuscript templates; backing up and transporting your library; importing PDFs; sync and sharing; finding full text; exporting references from databases; and working with Word documents.

Library Update

Cochrane Library: new items

Access

Select *Cochrane Library* from the Library's list of [databases](#), and just start searching.

A registered login allows you to save search histories for future use. Go to *Advanced Search* to log in or register for an account.

Recently added items

Editorial:

- Antenatal magnesium sulphate reduces cerebral palsy after preterm birth, implementation into clinical practice needs to be accelerated globally to benefit preterm babies. [Read more](#)

Special Collection:

- Coronavirus (COVID-19): infection control and prevention measures. [Read more](#)

New Cochrane Database of Systematic Reviews:

- Corticosteroid therapy for nephrotic syndrome in children. [Read more](#)
- Donor human milk for preventing necrotising enterocolitis in very preterm or very low-birthweight infants. [Read more](#)
- Educational and psychological interventions for managing atopic dermatitis (eczema). [Read more](#)
- Interventions for increasing fruit and vegetable consumption in children aged five years and under. [Read more](#)

Get help with Cochrane Library

- ❖ Fact Sheet no.5: [The Cochrane Library](#)
- ❖ Sign up for [Training at the Library](#)
- ❖ [Contact](#) the Library

- Nasal continuous positive airway pressure immediately after extubation for preventing morbidity in preterm infants. [Read more](#)
- Non-invasive positive pressure ventilation for acute asthma in children. [Read more](#)
- Patient navigator programmes for children and adolescents with chronic diseases. [Read more](#)
- Topical anti-inflammatory treatments for eczema: network meta-analysis. [Read more](#)
- Water fluoridation for the prevention of dental caries. [Read more](#)

New Protocols:

- Olfactory stimulation for promoting development and preventing morbidity in preterm infants. [Read more](#)
- Shorter versus longer duration antibiotic regimens for treatment of suspected neonatal sepsis. [Read more](#)
- Vestibular stimulation for promoting development and preventing morbidity in preterm infants. [Read more](#)

MEDLINE/PubMed statistics 2022/2023

Recently released [MEDLINE/PubMed statistics](#) from the US National Library of Medicine:

MEDLINE Citations Cumulative Total	30,966,708
PubMed Citations Cumulative Total	36,555,430
PubMed Searches	3.66 Billion
MEDLINE Journal Titles	5,294
Number of Citations with Personal Author (2020-2023)	34,218,945
Number of Citations with Collective Name (2020-2023)	268,896
Average number of authors per citation (2020-2023)	6.38
Number of journals evaluated/passed quality review	286/31
Largest number of personal authors on a single article (PMID 27770180)	5,154

Library Update

Search Tip: Use *Contexts* in Ovid Medline to check for narrower terms

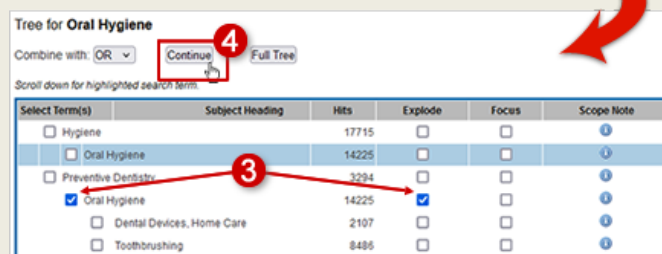
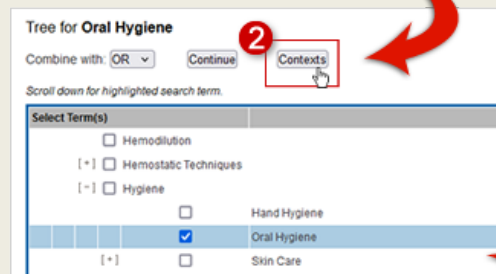
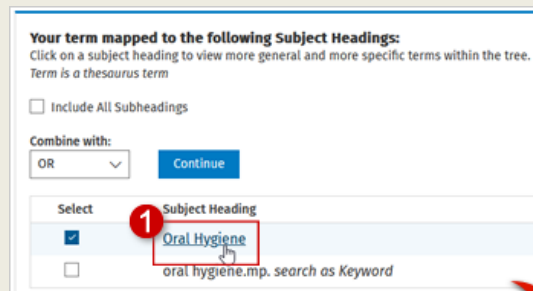
When a MeSH term appears to have no narrower term(s), use *Contexts* to see if there are narrower terms under a different branch.

For example, the MeSH tree for *Oral Hygiene* falls under the *Hygiene* branch and has no visible narrower term(s).

1. After searching for *Oral Hygiene* select it from the Subject Headings result page.
2. You can scroll down the tree to see your selected term highlighted. Select *Contexts* from the top of the tree to view other branches that may contain *Oral Hygiene*.
3. You'll now see that *Oral Hygiene* also falls under the branch *Preventive Dentistry* and contains two narrower terms: *Dental Devices, Home Care* and *Toothbrushing*.

If both the narrower terms are relevant to your search select *Oral Hygiene* and *Explode*.

4. Select *Continue* to include both branches in your search.



AIHW: latest reports

Eye health measures for Aboriginal and Torres Strait Islander people 2024: In brief

This report provides an overview of the latest Aboriginal and Torres Strait Islander people eye health data. It includes information on the prevalence of eye health conditions, diagnosis and treatment services, the eye health workforce and outreach services. Eye health measures for Aboriginal and Torres Strait Islander people 2024 is a companion to this report. [Read now.](#)



National Core Maternity Indicators

The National Core Maternity Indicators (NCMIs) present information on measures of clinical activity and outcomes. The purpose of the NCMIs is to assist in improving the quality of maternity services in Australia by establishing baseline data for monitoring and evaluating practice change. These indicators cover data for the majority of women who gave birth in Australia from 2004 to 2022 and are grouped into 3 broad topic areas – antenatal period, labour and birth, and birth outcomes. [Read now.](#)

Oral health and dental care in Australia

This report presents key data, information and trends over time, via a suite of interactive data visualisations, describing the oral health status of Australians and their use of dental care services. It is added to and updated as data becomes available. Poor oral health – mainly tooth decay, gum disease and tooth loss – may result in a person experiencing pain, discomfort and feelings of embarrassment. Around 1 in 3 adults have reported feeling uncomfortable about their dental appearance. [Read now.](#)

Young people under youth justice supervision and their interaction with the child protection system 2022–23

This report presents information on young people under youth justice supervision during 2022–23 who had an interaction with the child protection system in the 10 years from 1 July 2013 to 30 June 2023. Almost 2 in 3 (65%) young people under youth justice supervision in 2022–23 had an interaction with the child protection system in the 10-year period. About one half of young people in community-based supervision (45%) and detention (50%) were the subject of a substantiated notification for abuse or neglect. [Read now.](#)



Health and Science News

Don't ditch your human GP for Dr Chatbot quite yet: For accuracy, AI answers didn't match established medical knowledge in 24% of cases, and 3% of answers were completely wrong. Only 54% of answers agreed with the scientific consensus. [[Scimex](#)]



[Image: AI-generated]

- **NHS England to screen 100,000 babies for more than 200 genetic conditions:** Experts say sequencing whole genome of newborns will be 'transformational' in earlier diagnosis and treatment. [[The Guardian](#)]
- **Outlining a road map to sustainable asthma care:** When it comes to transitioning to low greenhouse gas emission asthma care, tackling the issue of hydrofluorocarbon propellants used in current pressurised metered-dose inhalers (pMDI), is critical. [[Croakey](#)]
- **Rates of infectious eye disease in Indigenous Aussie kids continue to fall:** Report finds an 87% decline in the prevalence of active trachoma in children aged five to nine in at-risk communities from 14% in 2007 to 1.8% in 2023. [[Scimex](#)]
- **Puberty-blocker focus disproportionate, Cass says:** "If I was pitching any other drug to give to children with that kind of data, you would say, 'no way'". [[BBC](#)]
- **Rise of almost untreatable superbug linked to a common antibiotic:** 'Surprising' finding by Australian-led study is first recorded instance of one antibiotic causing resistance to another in a different class. [[The Guardian](#)]
- **AI more help than hindrance – within limits:** Using a scribe keeps us running on time and shaves hours of unpaid admin off our day. But patients need reassurance. [[Medical Republic](#)]
- **Millions of teenagers in Africa have undiagnosed asthma – study:** Rapid urbanisation thought to be damaging adolescent health, as researchers say need for medication and diagnostic tests is urgent. [[The Guardian](#)]
- **Standing desks may be bad for your health, study suggests:** Researchers say stand-up working could increase chance of developing swollen veins and blood clots. [[The Guardian](#)]

- **UK minister says kids' tooth decay levels 'Dickensian':** Tooth decay remains the leading cause for hospital admissions among five to nine-year-olds in England. [[Health Times](#)]
- **WHO nutrition guidelines: 43% of baby, toddler foods in supermarkets exceed sugar limits:** Study found that 43% of products exceeded recommended limits for sugar, and only 23% of food products specifically promoted as suitable for infants and toddlers met all nutrient content requirements as outlined by the WHO. [[Hospital & Health](#)]
- **Solutions to enhance cultural safety in hospital care:** Study participants shared encounters of confusion, aggression and healthcare provider resistance to shared decision-making, leading to culturally unsafe care. [[Hospital & Health](#)]
- **The UN needs a new mission: get stuff done:** Instead of listing more things the world needs to accomplish, it should be asking why it hasn't reached its current goals. [[Nature](#)]
- **Science-backed productivity playlists to help you dive into deep work:** Whether it's Mozart, nature sounds, or coffee shop ambience, a playlist that you consistently work to may prompt you to "get in the zone" and be productive. [[Atlassian](#)]

How to avoid "emotional overhead" at work (hint: emojis are 🙄)

More than 1/3 of the workforce is losing over 40 hours a year trying to decode and interpret what their colleagues are trying to say. [[Atlassian](#)]



- **Web of Science index puts eLife 'on hold' because of its radical publishing model:** Journal that is experimenting with peer reviewing but not accepting manuscripts could lose its impact factor. [[Science](#)]
- **Physician associates: GPs vote to phase out "fundamentally unsafe" role in general practice:** "At the heart of it is patient safety, which needs to be prioritised, alongside acknowledging the responsibilities of employing practices and welfare of existing employees". [[BMJ](#)]
- **Ongoing decline in childhood immunisation rates sparks concerns:** Vaccination coverage rates among children in Australia have declined for the third consecutive year. [[Scimex](#)]
- **Scientists develop tool to predict sepsis in apparently healthy newborns:** The researchers used machine learning to map the expression of genes active at birth, in search of biological markers that could predict sepsis. [[Science Daily](#)]

Options to access full text articles: follow the DOI link; search for the PMID at [PubMed](#); or search for the journal title in our [database](#). An [OpenAthens account](#) is required for remote access. Make a [Document Delivery request](#) for items we don't have. [Get LibKey for one-click access](#).

Akpan, E., Thean, L.J., Baskota, R., Mani, J., Mow, M., Kama, M., Tuicakau, M., Kado, J., Romani, L., Kaldor, J., Engelman, D., Steer, A.C. and Carvalho, N. [Tropical Diseases Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Melbourne Children's Global Health, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Costs of primary healthcare presentations and hospital admissions for scabies and related skin infections in Fiji, 2018-2019', *PLOS Global Public Health* 2024; vol.4(10), article no. e0003706 [PMID: 39388494] <https://dx.doi.org/10.1371/journal.pgph.0003706>

Alshawsh, M., Wake, M., Gecz, J., Corbett, M., Saffery, R., Pitt, J., Greaves, R., Williams, K., Field, M., Cheong, J., Bui, M., Arora, S., Sadedin, S., Lunke, S., Wall, M., Amor, D.J. and Godler, D.E. [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Epigenomic newborn screening for conditions with intellectual disability and autistic features in Australian newborns', *Epigenomics* 2024; vol.16(18), pp.1203-1214 [PMID: 2031719408] <https://dx.doi.org/10.1080/17501911.2024.2402681>

Amgarth-Duff, I., Thomas, H., Ricciardo, B.M., Anderson, L., Stephens, M., Currie, B.J., Steer, A.C., Tong, S.Y.C., Crooks, K., Hempenstall, A., Tatian, A., Foster, R., Kavalam, G., Pallegedara, T., Walls, K. and Bowen, A. [Infection, Immunity and Global Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Systematic review of the evidence for treatment and management of common skin conditions in resource-limited settings: an update', *Tropical Medicine and International Health* 2024; [Epub ahead of print] [PMID: 2031814318] <https://dx.doi.org/10.1111/tmi.14047>

Andy, L., Fan, H., Valerie, S. and Jing, W. [Murdoch Children's Research Institute; Centre for Community Child Health, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Systematic review of environmental noise in neonatal intensive care units', *Acta Paediatrica* 2024; [Epub ahead of print] [PMID: 2031707991] <https://dx.doi.org/10.1111/apa.17445>

Antolovich, G. and Cooper, M.S. [Department of Neurodevelopment & Disability, Royal Children's Hospital; Neurodisability and Rehabilitation, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Australia.], 'Global developmental delay: a global misnomer', *Journal of Paediatrics and Child Health* 2024; Oct 15 [Epub ahead of print] [PMID: 39403861] <https://dx.doi.org/10.1111/jpc.16701>

Apostolou, G., Cooper, M.S., Antolovich, G., Vandeleur, M. and Frayman, K.B. [Department of Paediatrics, University of Melbourne; Department of Neurodevelopment and Disability, Department of Respiratory and Sleep Medicine, Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'The management of Pseudomonas aeruginosa respiratory infection in children with cerebral palsy: a narrative review', *Pediatric Pulmonology* 2024; Sep 30 [Epub ahead of print] [PMID: 39347603] <https://dx.doi.org/10.1002/ppul.27284>

Aquilina, S., Meredith, P., Harnett, P. and Kerley, L. [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Childhood adversity and engagement in adulthood: the role of attachment as a mediator', *American Journal of Occupational Therapy* 2024; vol.78(6), article no. 7806205030 [PMID: 39417791] <https://dx.doi.org/10.5014/ajot.2024.050770>

Awoke, M., Scully, M., Haynes, A., McCann, J., Taillie, L.S., Schmidtke, A., Martin, J., Silva, M., Rhodes, A., Kelly, B., Morley, B., Skouteris, H., McAleese, A., McCormack, D., Rakic, S., Chinott, M. and Dixon, H. [Inflammatory Origins, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Identifying the most effective added sugar warning label design for ready-made infant and toddler foods: an online experiment', *Obesity Research and Clinical*

Library Update

Practice 2024; vol.18(5 Suppl. 1), pp.S22 [PMID: 2034761595]

<https://doi.org/10.1016/j.orcp.2024.09.052>

- Badii, M., Nica, V., Straton, A.R., Kischkel, B., Gaal, O., Cabău, G., Klück, V., Hotea, I., Novakovic, B., Pamfil, C., Rednic, S., Netea, M.G., Popp, R.A., Joosten, L.A.B. and Crişan, T.O.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Downregulation of type I interferon signalling pathway by urate in primary human PBMCs', *Immunology* 2024; Oct 1 [Epub ahead of print] [PMID: 39354748] <https://dx.doi.org/10.1111/imm.13858>
- Ball, M., Bouffler, S.E., Barnett, C.B., Freckmann, M.L., Hunter, M.F., Kamien, B., Kassahn, K.S., Lunke, S., Patel, C.V., Pinner, J., Roscioli, T., Sandaradura, S.A., Scott, H.S., Tan, T.Y., Wallis, M., Compton, A.G., Thorburn, D.R., Stark, Z. and Christodoulou, J.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Critically unwell infants and children with mitochondrial disorders diagnosed by ultra-rapid genomic sequencing', *Genetics in Medicine* 2024; 14 Oct [Epub ahead of print] [PMID: 645551945] <https://dx.doi.org/10.1016/j.gim.2024.101293>
- Beauchamp, M.H., Anderson, V., Ewing-Cobbs, L., Haarbauer-Krupa, J., McKinlay, A., Wade, S.L. and Suskauer, S.J.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Early childhood concussion', *Pediatrics* 2024; Oct 9 [Epub ahead of print] [PMID: 39380506] <https://dx.doi.org/10.1542/peds.2023-065484>
- Beccia, C., Hunter, B., Manski-Nankervis, J.-A. and White, M.** [Royal Children's Hospital; Health Services and Economics Research Unit, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Exploring the user acceptability and feasibility of a clinical decision support tool designed to facilitate timely diagnosis of new-onset type 1 diabetes in children: qualitative interview study among general practitioners', *JMIR Formative Research* 2024; vol.8, article no. e60411 [PMID: 39312767] <https://dx.doi.org/10.2196/60411>
- Beccia, C., McMorrow, R., Donald, A., de Mendonça, L., White, M., Hunter, B. and Manski-Nankervis, J.A.** [Health Services Research Unit, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Have interventions aimed at assisting general practitioners in facilitating earlier diagnosis of type 1 diabetes in children been successful in preventing acute complications? A systematic review', *BMJ Open* 2024; vol.14(10), article no. e085635 [PMID: 39353690] <https://dx.doi.org/10.1136/bmjopen-2024-085635>
- Bennett, C., Westrupp, E.M., Bennetts, S.K., Love, J., Hackworth, N.J., Berthelsen, D. and Nicholson, J.M.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'An early parenting intervention focused on enriched parent-child interactions improves effortful control in the early years of school', *Child Development* 2024; Oct 2 [Epub ahead of print] [PMID: 39359116] <https://dx.doi.org/10.1111/cdev.14166>
- Berkovic, S.F., et al.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Exome sequencing of 20,979 individuals with epilepsy reveals shared and distinct ultra-rare genetic risk across disorder subtypes', *Nature Neuroscience* 2024; vol.27(10), pp.1864-1879 [PMID: 2031711656] <https://dx.doi.org/10.1038/s41593-024-01747-8>
- Bertaud, S., Kirven, R., Kirven, T., Harrop, E., Crudginton, A. and Wilkinson, D.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Facilitating home birth in perinatal palliative care: a case report', *Palliative Medicine* 2024; Sep 27 [Epub ahead of print] [PMID: 39340165] <https://dx.doi.org/10.1177/02692163241280374>
- Boast, A., Zhang, W., Soeorg, H., Gonis, G., Di Carlo, A., Daley, A., Curtis, N., McWhinney, B., Ungerer, J.P.J., Lei, A., Standing, J.F. and Gwee, A.** [Department of General Medicine, Laboratory Services, Royal Children's Hospital; Antimicrobials and Infectious Diseases Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Population pharmacokinetic modeling of ceftriaxone in cerebrospinal fluid in children: should we be using once- or twice-daily dosing

Library Update

for meningitis?', *Antimicrobial Agents and Chemotherapy* 2024; Oct 8 [Epub ahead of print] [PMID: 39377581] <https://dx.doi.org/10.1128/aac.00747-24>

Boesch, S., Delatycki, M., Giunti, P., Goldsberry, A., Hoyle, C., Mathews, K., Khan, S., Meyer, C., Murai, M., Nachbauer, W., Perlman, S., Subramony, S. and Zesiewicz, T. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The MOXle trial of omaveloxolone in Friedreich ataxia: exploring the transient nature of treatment-emergent adverse events', *Neurology* 2024; vol.102(17 Suppl. 1), [PMID: 645417534] <https://dx.doi.org/10.1212/WNL.0000000000205176>

Borello, E., Egan, S., Dale, S., Barlow, A., Hu, Y.J., Brasher, C. and Oakley, E. [Nursing Services, Department of Anaesthesia and Pain Management, Children's Cancer Centre, Division of Critical Care, Royal Children's Hospital; Clinical Infections, Clinical Sciences, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Outcomes of tunnelled cuffed centrally inserted central catheter removal: a retrospective cohort study', *Pediatric Blood and Cancer* 2024; vol.71(12), article no. e31360 [PMID: 39380197] <https://dx.doi.org/10.1002/psc.31360>

Broersen, R., Thompson, G., Thomas, F. and Stuart, G.J. [Bruce Lefroy Centre for Genetic Health Research, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Binocular processing facilitates escape behavior through multiple pathways to the superior colliculus', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034115047] <https://dx.doi.org/10.1101/2024.07.22.604589>

Butler, A.E., Masterson, K. and Bloomer, M.J. [Paediatric Intensive Care Unit, Royal Children's Hospital; Clinical Sciences, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Family'-centred care in NICU and PICU - a focus on fathers, siblings, and extended family members. - letter on Stefana et al', *Intensive and Critical Care Nursing* 2024; Oct 7 [Epub ahead of print] [PMID: 39379220] <https://dx.doi.org/10.1016/j.iccn.2024.103849>

Campbell, A.J., Russell, F.M., Marais, B.J., Britton, P.N., Bowen, A.C., Blyth, C.C., Flanagan, K.L., Khatami, A., Koirala, A., Mahony, M., Phuong, L.K., Vasilunas, N., Webb, R.H., Williams, P.C.M. and McMullan, B.J. [Department of Paediatrics, University of Melbourne; Infection, Immunity and Global Health Theme, Murdoch Children's Research Institute; Infectious Diseases Unit, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Widening the lens for pandemic preparedness: children must be seen and heard', *Lancet Regional Health - Western Pacific* 2024; vol.51, article no. 101205 [PMID: 2034616890] <https://dx.doi.org/10.1016/j.lanwpc.2024.101205>

Carucci, S., Di Martino, A., Castellanos, F.X., Masi, G., Banaschewski, T., Coghill, D., Moreno, C. and Cortese, S. [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Professor Alessandro Zuddas' impact and legacy: the influential networking and human connection skills of a passionate scientist, clinical academic, and pioneer in child and adolescent psychopharmacology', *Journal of Child and Adolescent Psychopharmacology* 2024; Oct 15 [Epub ahead of print] [PMID: 39403746] <https://dx.doi.org/10.1089/cap.2024.0101>

Chan, M.M.L.J. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'A comparative analysis of transcranial doppler and magnetic resonance imaging for stroke detection in pediatric patients with sickle cell disease', *Journal of Medical Imaging and Radiation Sciences* 2024; vol.55(3 Suppl.), pp.101498 [PMID: 2035134786] <https://dx.doi.org/10.1016/j.jmir.2024.101498>

Chandrasekaran, P., Lee, H.S., Hui, L., Schleiss, M.R. and Sung, V. [Prevention Innovation, Population Health, Murdoch Children's Research Institute; Centre for Community Child Health, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Prenatal and postnatal antiviral therapies for the prevention and treatment of congenital cytomegalovirus infections', *Current Opinion in Infectious Diseases* 2024; [Epub ahead of print] [PMID: 645550863] <https://dx.doi.org/10.1097/QCO.0000000000001067>

Cheung, K., Rollins, L.A., Hammond, J.M., Barton, K., Ferguson, J.M., Eyck, H.J.F., Shine, R. and Edwards, R.J. [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Repeat-rich regions cause false positive detection of NUMTs: a case

Library Update

study in amphibians using an improved cane toad reference genome', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034113087] <https://dx.doi.org/10.1101/2024.07.04.601973>

Cheung, M.S., Alves, I., Carl-Innig, P., Eastwood, D., Maghnie, M., Offiah, A., Paley, D., Riganti, S., Savarirayan, R., Sessa, M., Vogt, B. and Mohnike, K. [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Meeting report from the 3rd ISCBH-ERN BOND achondroplasia workshop on Long Bone Pathology in Children with Achondroplasia, Salzburg, Austria 22nd June 2024', *Bone* 2024; vol.190, article no. 117268 [PMID: 39366536] <https://dx.doi.org/10.1016/j.bone.2024.117268>

Coscini, N., McMahon, G., Schulz, M., Hosking, C., Mulraney, M., Grobler, A.C., Hiscock, H. and Giallo, R. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], '4.55 Screening parental mental health of children with a chronic illness: a systematic review', *Journal of the American Academy of Child and Adolescent Psychiatry* 2024; vol.63(10 Suppl.), pp.S248 [PMID: 2034824725] <https://dx.doi.org/10.1016/j.jaac.2024.08.300>

Curran, J.A., Tavender, E. and Collins, S. [Emergency Research, Clinical Sciences, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Can we leverage technology to enhance discharge communication in pediatric emergency departments?', *Canadian Journal of Emergency Medicine* 2024; vol.26(10), pp.689-690 [PMID: 39414719] <https://dx.doi.org/10.1007/s43678-024-00789-y>

Curtis, N. [Department of Paediatrics, University of Melbourne; Infectious Diseases Department, Royal Children's Hospital; Infectious Diseases Research Group, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Surveys with a low response rate are unreliable for estimating prevalence', *Pediatric Infectious Disease Journal* 2024; Sep 25 [Epub ahead of print] [PMID: 39348494] <https://dx.doi.org/10.1097/inf.0000000000004563>

D'Abaco, E., Khano, S., Giles-Kaye, A., Dhaliwal, J., Haslam, R., Prakash, C. and Hiscock, H. [Centre for Community Child Health, Health Services Research Unit, Mental Health, Royal Children's Hospital; Health Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Impact of a collaborative model on community clinician confidence in child and adolescent mental health care, wellbeing, and access to child psychiatry expertise', *PLoS ONE* 2024; vol.19(9), article no. e0310377 [PMID: 39312567] <https://dx.doi.org/10.1371/journal.pone.0310377>

Daniel, P., et al. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Generation and multi-dimensional profiling of a childhood cancer cell line atlas defines new therapeutic opportunities', *Neuro-Oncology Advances* 2023; vol.5(Suppl. 3), pp.iii30 [PMID: 645364161] <https://dx.doi.org/10.1093/naojnl/vdad070.119>

de Paula, C.S., Donlevy, G., Cardoso, J., Cornett, K.M.D., Kennedy, R., Yiu, E.M., Mattiello-Sverzut, A.C. and Burns, J. [Neurology Department, Royal Children's Hospital; Neuroscience Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Translating a clinical practice guideline to a Portuguese, Spanish and English practice brief to promote exercise therapy for paediatric Charcot-Marie-Tooth disease', *Physiotherapy* 2024; vol.125, article no. 101419 [PMID: 2034999167] <https://dx.doi.org/10.1016/j.physio.2024.101419>

Duke, T. [Department of Paediatrics, University of Melbourne; Intensive Care Unit, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Research on child and adolescent health in low- and middle-income countries in 2023-2024', *Archives of Disease in Childhood* 2024; Sep 19 [Epub ahead of print] [PMID: 39304202] <https://dx.doi.org/10.1136/archdischild-2024-327876>

Ebrahimi, P., Horner, D., Burgner, D., Brustad, N., Wang, T., Ali, M., Chen, L., Schoos, A.M.M., Bonnelykke, K., Stokholm, J., Acar, E., Vahman, N., Chawes, B. and Rasmussen, M.A. [Department of Paediatrics, University of Melbourne; Inflammatory Origins Group, Infection, Immunity and Global Health Theme, Murdoch Children's Research Institute; Infectious Diseases Unit, Department of General Medicine, Royal Children's Hospital, Flemington Road,

Library Update

Parkville, Vic., Australia.], 'Systemic inflammation during fasting and postprandial states: a comprehensive study of key determinants in a deeply characterized cohort of young adults', *medRxiv* 2024; [Epub ahead of print] [PMID: 2034445074]

<https://dx.doi.org/10.1101/2024.08.30.24312659>

Edwards, H., Buisman-Pijlman, F.T., Esterman, A., Phillips, C., Orgeig, S. and Gordon, A.

[Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Exogenous oxytocin administered to induce or augment labour is positively associated with quality of observed mother-infant bonding', *Comprehensive Psychoneuroendocrinology* 2024; vol.20, article no. 100262 [PMID: 39296881] <https://dx.doi.org/10.1016/j.cpnec.2024.100262>

Eglitis, E., Singh, B., Olds, T., Virgara, R., Machell, A., Richardson, M., Brannelly, K., Grant, A., Gray, J., Wilkinson, T., Rix, Z., Tomkinson, G.R. and Maher, C. [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Health effects of children's summer holiday programs: a systematic review and meta-analysis', *International Journal of Behavioral Nutrition and Physical Activity* 2024; vol.21(1), article no. 119 [PMID: 645562078]

<https://dx.doi.org/10.1186/s12966-024-01658-8>

Feigin, V.L., et al. [Department of Critical Care and Neurosciences, Murdoch Children's Research Institute; Cardiology Department, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Global, regional, and national burden of stroke and its risk factors, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021', *Lancet Neurology* 2024; vol.23(10), pp.973-1003 [PMID: [https://dx.doi.org/10.1016/S1474-4422\(24\)00369-7](https://dx.doi.org/10.1016/S1474-4422(24)00369-7)]

Fell, M., Breakey, W., Benitez, B.K., Mueller, A.A. and Chong, D.K. [Plastic and Maxillofacial Surgery, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The preservation technique for incomplete unilateral cleft lip reconstruction', *Plastic and Reconstructive Surgery - Global Open* 2024; vol.12(9), article no. e6172 [PMID: 01720096-202409000-00061] <https://dx.doi.org/10.1097/GOX.00000000000006172>

Fochi, V., Blondelle, J., Medelyte, B., Seto, J., Jones, Y., Castillon, G., Ghassemian, M., Singer, J. and Lange, S. [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], '34P Investigating sarcomeric changes in Cullin-3 knockout muscles', *Neuromuscular Disorders* 2024; vol.43(Suppl. 1), pp.104441.232 [PMID: 2034878076] <https://dx.doi.org/10.1016/j.nmd.2024.07.241>

Fogarty, A., Rominov, H., Seymour, M., Evans, K., Fisher, C., Jones, A., O'Brien, J. and Giallo, R. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Facilitators and barriers of mother engagement in a home-based parenting program following concerns of child maltreatment', *Journal of Family Issues* 2023; vol.44(8), pp.1984-2008 [PMID: 2023-84061-002] <https://dx.doi.org/10.1177/0192513X211067525>

Foley, A., Bolduc, V., Guirguis, F., Donkervoort, S., Hu, Y., Orbach, R., Mohassel, P., Zhou, H., Aguti, S., Jimenez-Mallebrera, C., Lamande, S., Allamand, V., Gualandi, F., Ferlini, A., Wilton, S., Wagener, R., Bertini, E., Muntoni, F. and Bonnemann, C. [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], '10P Characterization of the severe phenotype of COL6-related dystrophy due to the recurrent deep intronic pseudoexon-inducing variant COL6A1 c.930+189C>T', *Neuromuscular Disorders* 2024; vol.43(Suppl. 1), pp.104441.208 [PMID: 2034874070] <https://dx.doi.org/10.1016/j.nmd.2024.07.217>

Fong, A.T., Jacob, J., Protudjer, J.L.P., Lloyd, M., Thyer, L., Hsu, P.S. and Si, L. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'A systematic review protocol: health economic evaluations of immunotherapy and biologics for food allergy management', *Allergy, Asthma, and Clinical Immunology* 2024; vol.20(1), article no. 48 [PMID: 39300554] <https://dx.doi.org/10.1186/s13223-024-00909-4>

Fuentes-Bolanos, N.A., Courtney, E., Mayoh, C., Warby, M., Lau, L.M.S., Wong-Erasmus, M., Khuong-Quang, D.A., Barahona, P., Padhye, B., El-Kamand, S., Nunag, S., Ajuyah, P., Sherstyuk, A., Altekoester, A.K., Sullivan, A., Poplawski, N., Kiraly-Borri, C., O'Sullivan, S., Marfan, H., Alli, R., Curnow, L., Bhatia, K., Anazodo, A., Trahair, T.N., Mateos, M., Hansford, J.R., Dholaria, H., Josephi-Taylor, S., Moore, A.S., Nicholls, W., Gottardo, N.G.,

Library Update

- Downie, P., Khaw, S.L., Tapp, H., McCowage, G., Dalla-Pozza, L., Alvaro, F., Wood, P.J., Tyrrell, V., Haber, M., Cowley, M.J., Ekert, P.G., Marshall, G.M., Kirk, J., Tucker, K., Pinese, M. and Ziegler, D.S.** [Children's Cancer Centre, Royal Children's Hospital; Victorian Clinical Genetics Services, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Integrated germline and somatic molecular profiling to detect cancer predisposition has a high clinical impact in poor-prognosis paediatric cancer', *medRxiv* 2024; [Epub ahead of print] [PMID: 2034444320] <https://dx.doi.org/10.1101/2024.08.08.24311493>
- Fuller, M., Saville, J., Wise, A., Ricardo, S., Elliot, D. and Nicholls, K.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Ceramide trihexoside and related sphingolipids in podocytes derived from Fabry disease patient fibroblasts', *Nephron* 2024; vol.148(Suppl. 1), pp.27 [PMID: 645413325] <https://doi.org/10.1159/000539834>
- Furia, F., Rigby, C.S., Scheffer, I.E., Allen, N., Baker, K., Hengsbach, C., Kegele, J., Goss, J., Gorman, K., Mala, M.I., Nicita, F., Allan, T., Spalice, A., Weber, Y., Rubboli, G., Moller, R.S. and Gardella, E.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Early mortality in STXBP1-related disorders', *Neurological Sciences* 2024; [Epub ahead of print] [PMID: 645487197] <https://dx.doi.org/10.1007/s10072-024-07783-3>
- Gardner, D., Mitchell, V., Frakking, T., Weir, K.A., Canning, A. and Wenke, R.J.** [Allied Health, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Validated patient reported outcome measures in speech-language pathology: a scoping review of adult practice', *International Journal of Speech-Language Pathology* 2024; Oct 2 [Epub ahead of print] [PMID: 39356797] <https://dx.doi.org/10.1080/17549507.2024.2399236>
- Garland, S.M., Bhatla, N., Woo, Y.L., Stanley, M., Kaufmann, A., Brotherton, J., Moscicki, A.B., Giuliano, A., Chan, K., Feldman, S., Wentzensen, N. and Chatzistamatiou, K.** [Infectious Diseases Research, Infection & Immunity, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'IPVS statement on HPV vaccination: no longer supply constraints: towards achieving WHO vaccine targets', *Vaccine* 2024; vol.42(26), article no. 126400 [PMID: 2034848636] <https://dx.doi.org/10.1016/j.vaccine.2024.126400>
- Genc, S., Schiavi, S., Chamberland, M., Tax, C.M.W., Raven, E.P., Daducci, A. and Jones, D.K.** [Neuroscience Advanced Clinical Imaging Service (NACIS), Department of Neurosurgery, Royal Children's Hospital; Developmental Imaging, Clinical Sciences, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Developmental differences in canonical cortical networks: insights from microstructure-informed tractography', *Network Neuroscience* 2024; vol.8(3), pp.946-964 [PMID: 39355444] https://dx.doi.org/10.1162/netn_a_00378
- Gera, S., Hoq, M., Danchin, M. and Tuckerman, J.** [Murdoch Children's Research Institute; Department of General Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Association between parental vaccine hesitancy and geographical coverage for childhood vaccination: a cross-sectional study', *Vaccine* 2024; vol.42(26), article no. 126422 [PMID: 2034960692] <https://dx.doi.org/10.1016/j.vaccine.2024.126422>
- Gokoolparsadh, A., Bourne, M., McEwen, A., Amor, D.J. and Turbitt, E.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Parents' perspectives on conversations about prognosis and an assessment of prognostic information available online: a mixed-methods study', *Disability and Health Journal* 2024; Oct 10 [Epub ahead of print] [PMID: 39406643] <https://dx.doi.org/10.1016/j.dhjo.2024.101718>
- Gorni, K., Batech, M., Guittari, C., Carmona, A., Lee, S., Poll, A., Sutherland, C., Marini-Bettolo, C., Walter, M., Jagut, M., Haberlova, J., Hodgkinson, V., Yiu, E., Murphy, L., Gordish-Dressman, H. and Simpson, A.** [Australian Neuromuscular Disease Registry, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Demographic and clinical characteristics of risdiplam-treated and untreated adult patients with SMA', *Neuromuscular Disorders* 2024; vol.43(Suppl. 1), pp.104441.437 [PMID: 2034879387] <https://dx.doi.org/10.1016/j.nmd.2024.07.446>
- Graham, P.L., Schofield, D.J., Tait, R.J., Bista, S., Ivers, R.Q., Liu, B., Lymer, S., Marino, J.L., Sancì, L.A., Shrestha, R.N., Steinbeck, K., Straker, L.M. and Skinner, S.R.** [Centre for Adolescent

Library Update

Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Adolescent risk behaviours are associated with educational attainment in early adulthood: results from the Raine Study cohort', *BMC Public Health* 2024; vol.24(1), article no. 2728 [PMID: 39375701] <https://dx.doi.org/10.1186/s12889-024-20208-2>

Greaves, R.F., Northfield, J.A., Cross, L., Mawad, N., Nguyen, T., Tan, M., O'Connell, M.A. and Pitt, J. [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Neonatal Medicine, Department of Endocrinology and Diabetes, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Managing newborn screening repeat collections for sick and preterm neonates', *International Journal of Neonatal Screening* 2024; vol.10(3), article no. 63 [PMID: 39311365] <https://dx.doi.org/10.3390/ijns10030063>

Griffiths-King, D., Seri, S., Catroppa, C., Anderson, V.A. and Wood, A.G. [Brain and Mind Research, Clinical Sciences, Murdoch Children's Research Institute; Department of Psychology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Network analysis of structural MRI predicts executive function in paediatric traumatic brain injury', *NeuroImage: Clinical* 2024; vol.44(103685), article no. 103685 [PMID: 2035106930] <https://dx.doi.org/10.1016/j.nicl.2024.103685>

Guerin, A.A., Spolding, B., Bozaoglu, K., Swinton, C., Liu, Z., Panizzutti Parry, B., Truong, T., Dean, B., Lawrence, A.J., Bonomo, Y., Nestler, E.J., Hamilton, P.J., Berk, M., Rossell, S., Walder, K. and Kim, J.H. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Associations between methamphetamine use disorder and SLC18A1, SLC18A2, BDNF, and FAAH gene sequence variants and expression levels', *Dialogues in Clinical Neuroscience* 2024; vol.26(1), pp.64-76 [PMID: 645499902] <https://dx.doi.org/10.1080/19585969.2024.2413476>

Haley, J., Woo, J.G., Jacobs, D.R., Bazzano, L., Daniels, S., Dwyer, T., Juonala, M., Raitakari, O., Sinaiko, A., Steinberger, J., Venn, A., Whitaker, K.M. and Urbina, E.M. [Heart Group, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'A clinical tool to relate youth risk factors to adult cardiovascular events and type 2 diabetes: the International Childhood Cardiovascular Cohort Consortium', *Journal of Pediatrics* 2025; vol.276, article no. 114277 [PMID: <https://dx.doi.org/10.1016/j.jpeds.2024.114277>]

Halman, A., Conyers, R., Moore, C., Khatri, D., Sarris, J. and Perkins, D. [Cancer Therapies, Stem Cell Medicine, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Harnessing pharmacogenomics in clinical research on psychedelic-assisted therapy', *Clinical Pharmacology and Therapeutics* 2024; [Epub ahead of print] [PMID: 2031656141] <https://dx.doi.org/10.1002/cpt.3459>

Ham, H., et al. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Germline mutations in a G protein identify signaling cross-talk in T cells', *Science* 2024; vol.385(6715), article no. eadd8947 [PMID: 39298586] <https://dx.doi.org/10.1126/science.add8947>

Harrison, D., Pope, N., Jones, S., Larocque, C., Wilding, J., Campbell-Yeo, M., Gilmore, L., Harrold, J., Hu, J., Venegas, C.L., McArthur, L., Modanloo, S., Nicholls, S.G., O'Flaherty, P., Premji, S.S., Reszel, J., Semenic, S., Squires, J.E., Stevens, B., Taljaard, M., Trepanier, M.J., O'Grady Venter, K., Zhou, Y. and Dunn, S. [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Multisite cross-sectional survey of nurses' perceptions of implementation of a parent-targeted video and recommended pain management, for improving newborn pain treatment', *Journal of Neonatal Nursing* 2024; vol.30(5), pp.482-491 [PMID: <https://dx.doi.org/10.1016/j.jnn.2024.01.011>]

Harvey, A., Shepherd, D., Gibb, S., Baikie, G., D'Aprano, A., Reddihough, D., Babic, R., Hunter, F., Jealous, G. and Imms, C. [Neurodisability and Rehabilitation, Neurodevelopment and Disability, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Neurodevelopment and Disability, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Impact of care coordination on service utilisation for children with

Library Update

- medically complex cerebral palsy', *Journal of Paediatrics and Child Health* 2024; [Epub ahead of print] [PMID: 2031780747] <https://dx.doi.org/10.1111/jpc.16690>
- Heeb, L., Fritschi, N., Marten, A., Welzel, T., Ritz, N. and Heininger, U.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Borrelia burgdorferi infections in children and adolescents in Switzerland - a seroprevalence study 2023/2024 (BOBUINCA)', *Infection* 2024; [Epub ahead of print] [PMID: 2031560902] <https://dx.doi.org/10.1007/s15010-024-02387-7>
- Herskind, J., Fujita, K., Dato, V., Fochi, V., Blondelle, J., Medelyte, B., Seto, J., Jones, Y., Castillon, G., Ghassemian, M., Singer, J. and Lange, S.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], '39P Studying markers of metabolism, apoptosis, and necrosis in cullin-3 skeletal muscle knockouts', *Neuromuscular Disorders* 2024; vol.43(Suppl. 1), pp.104441.237 [PMID: 2034875315] <https://dx.doi.org/10.1016/j.nmd.2024.07.246>
- Ho, J.J., Kidman, A.M., Chua, B., Chang, G., Fiander, M. and Davis, P.G.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Nasal continuous positive airway pressure immediately after extubation for preventing morbidity in preterm infants', *Cochrane Database of Systematic Reviews* 2024; Issue 10. Art. No.: CD000143 [PMID: 39392114] <https://dx.doi.org/10.1002/14651858.CD000143.pub2>
- Hock, D.H., et al.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Metabolic Medicine, Department of Haematology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Untargeted proteomics enables ultra-rapid variant prioritization in mitochondrial and other rare diseases', *medRxiv* 2024; [Epub ahead of print] [PMID: 2034444204] <https://dx.doi.org/10.1101/2024.08.06.24311318>
- Houweling, P.J., Tiong, C.F., Kiriaev, L., Diaz-Pena, R., Albers, P.K., Wood, H., Wyckelsma, V., Stait, T., Venckunas, T., Valenzuela, P.L., Castillo-Garcia, A., Brazaitis, M., Berman, Y., Seto, J.T., Westerblad, H., Lek, M., Thorburn, D., Lucia, A., Head, S.I. and North, K.N.** [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Alpha-actinin-3 deficiency protects from the effects of acute cold exposure through altered skeletal muscle Ca²⁺ and OXPHOS signaling', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034577069] <https://dx.doi.org/10.1101/2024.08.14.605938>
- Hyde, C., Fuelscher, I., Rosch, K.S., Seymour, K.E., Crocetti, D., Silk, T., Singh, M. and Mostofsky, S.H.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Subtle motor signs in children with ADHD and their white matter correlates', *Human Brain Mapping* 2024; vol.45(14), article no. e70002 [PMID: 39365253] <https://dx.doi.org/10.1002/hbm.70002>
- Iem, D., Carney, G., Munsie, M. and Nayagam, B.A.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Towards stem cell therapies for hearing loss: awareness and perspectives of Australian audiologists and their patients', *Regenerative Medicine* 2024; vol.19(9-10), pp.483-496 [PMID: 39378073] <https://dx.doi.org/10.1080/17460751.2024.2402650>
- Ikonomou, L., Munsie, M., Power, C., Sipp, D., Turner, L. and Rasko, J.E.J.** [Stem Cell Medicine Theme, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Effective regulatory responses to predatory stem cell markets in Australia and Canada', *Cell Stem Cell* 2024; vol.31(10), pp.1393-1397 [PMID: 39366360] <https://dx.doi.org/10.1016/j.stem.2024.09.007>
- Jayasinghe, Y.L. and Ginsburg, E.** [Department of Gynaecology, Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Oncofertility in children and adolescents', *Obstetrics and Gynecology Clinics of North America* 2024; [Epub ahead of print] [PMID: 2034694792] <https://dx.doi.org/10.1016/j.ogc.2024.08.007>
- Jeffs, E., Pillay, E.I., Ledwaba-Chapman, L., Bisquera, A., Robertson, S.J., McGrath, J.A., Wang, Y., Martinez, A.E. and Mellerio, J.E.** [Department of Dermatology, Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Pain in recessive dystrophic epidermolysis bullosa (RDEB): findings of the Prospective Epidermolysis

Library Update

- Bullosa Longitudinal Evaluation Study (PEBLES)', *Orphanet Journal of Rare Diseases* 2024; vol.19(1), article no. 375 [PMID: 645497526] <https://dx.doi.org/10.1186/s13023-024-03349-w>
- Jensen, M., et al.** [Bruce Lefroy Centre, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Genetic modifiers and ascertainment drive variable expressivity of complex disorders', *medRxiv* 2024; [Epub ahead of print] [PMID: 2034444776] <https://dx.doi.org/10.1101/2024.08.27.24312158>
- Jones, B., Marangou, J., Yan, J., Ralph, A., Mitchell, A., Kaethner, A., Remenyi, B., Wade, V., Katzenellenbogen, J.M., Monteiro, A.F., Cannon, J.W., Howard, N.J., Gilles, M., Haynes, E., Seixas, H., Maurays, J., Neave, J., Pears, C., Engelman, D., Canuto, K., Steer, A., Unger, H., Bailey, M., Tanesi, M., Amaral, S., Neto, H., Stewart, M., Burgess, P., Brown, A., Currie, B.J., Hillis, G., Morris, P., Simon, D., Wheaton, G., Williamson, J., de Dassel, J., Slota-Kan, S., Carapetis, J., English, M., Nagraj, S. and Francis, J.R.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'NEARER SCAN (LENO BESIK) evaluation of a task-sharing echocardiographic active case finding programme for rheumatic heart disease in Australia and Timor-Leste: protocol for a hybrid type II effectiveness-implementation study', *BMJ Open* 2024; vol.14(10), article no. e083467 [PMID: 645559913] <https://dx.doi.org/10.1136/bmjopen-2023-083467>
- Kapoor, S., Marsden, J., Munz, C.M., Carvalho, C., Pinto, M.M., Malengier-Devlies, B., Becker, S., Seuzaret, G., Patatsos, K., Akyol, R., Dalod, M., Pedersen, A., Wilson, G. and Gentek, R.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Mast cells are not essential for pubertal mammary gland branching', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034580315] <https://dx.doi.org/10.1101/2024.08.30.610382>
- Keating, M.F., Yang, C., Liu, Y., Gould, E.A., Hallam, M.T., Henstridge, D.C., Mellett, N.A., Meikle, P.J., Watt, K.I., Gregorevic, P., Calkin, A.C. and Drew, B.G.** [Novo Nordisk Foundation Centre for Stem Cell Medicine (reNEW), Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Hepatic retinol dehydrogenase 11 dampens stress associated with the maintenance of cellular cholesterol levels', *Molecular Metabolism* 2024; vol.90, article no. 102041 [PMID: 645452592] <https://dx.doi.org/10.1016/j.molmet.2024.102041>
- Keller, N., Midgley, J., Khalid, E., Lesmana, H., Mathew, G., Mincham, C., Teig, N., Khan, Z., Khosla, I., Mehr, S., Guran, T., Buder, K., Xu, H., Alhasan, K., Buyukyilmaz, G., Weaver, N. and Saba, J.D.** [Department of Immunology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Factors influencing survival in sphingosine phosphate lyase insufficiency syndrome: a retrospective cross-sectional natural history study of 76 patients', *Orphanet Journal of Rare Diseases* 2024; vol.19(1), article no. 355 [PMID: 39334450] <https://dx.doi.org/10.1186/s13023-024-03311-w>
- Kerff, F., Pasco, J.A., Williams, L.J., Jacka, F.N., Loughman, A. and Dawson, S.L.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Associations between oral microbiota pathogens and elevated depressive and anxiety symptoms in men', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034577707] <https://dx.doi.org/10.1101/2024.08.10.606819>
- Khademi, S., Palmer, C., Dimaguila, G.L., Javed, M. and Buttery, J.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Exploring large language models for detecting online vaccine reactions', *Studies in Health Technology and Informatics* 2024; vol.318, pp.30-35 [PMID: 39320177] <https://dx.doi.org/10.3233/shti240887>
- Kline, B.L., Siddall, N.A., Wijaya, F., Stuart, C.J., Orlando, L., Bakhshalizadeh, S., Afkhami, F., Bell, K.M., Jaillard, S., Robevska, G., Bergen, J.A., Shahbazi, S., Hoof, A., Ayers, K.L., Hime, G.R., Sinclair, A.H. and Tucker, E.J.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Functional characterisation of human recessive DIS3 variants in premature ovarian insufficiency', *Biology of Reproduction* 2024; Oct 14 [Epub ahead of print] [PMID: 39400047] <https://dx.doi.org/10.1093/biolre/iaoe148>
- Koirala, A., McRae, J., Britton, P.N., Downes, M., Prasad, S.A., Nicholson, S., Winkler, N.E., O'Sullivan, M.V.N., Gondalwala, F., Castellano, C., Carey, E., Hendry, A., Crawford, N., Wadia, U., Richmond, P., Marshall, H.S., Clark, J.E., Francis, J.R., Carr, J., Bartlett, A.,**

Library Update

- McMullan, B., Skowno, J., Hannah, D., Davidson, A., von Ungern-Sternberg, B.S., Lee-Archer, P., Burgoyne, L.L., Waugh, E.B., Carlin, J.B., Naing, Z., Kerly, N., McMinn, A., Hunter, G., Heath, C., D'Angelo, N., Finucane, C., Francis, L.A., Dougherty, S., Rawlinson, W., Karapanagiotidis, T., Cain, N., Brizuela, R., Blyth, C.C., Wood, N. and Macartney, K.** [Clinical Epidemiology and Biostatistics Unit, Infection, Immunity & Global Health, Melbourne Children's Trials Centre, Surveillance of Adverse Events Following Vaccination In the Community (SAFEVIC), Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The seroprevalence of SARS-CoV-2-specific antibodies in Australian children: a cross-sectional study', *PLoS ONE* 2024; vol.19(9), article no. e0300555 [PMID: <https://dx.doi.org/10.1371/journal.pone.0300555>]
- Konstantinov, I.E. and Fricke, T.A.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'All aortic valves in neonates and infants are repairable and most repairs will be durable!', *Annals of Thoracic Surgery* 2024; Sep 20 [Epub ahead of print] [PMID: 39307214] <https://dx.doi.org/10.1016/j.athoracsur.2024.09.019>
- Kuswara, K., Shrewsbury, V.A., Macdonald, J.A., Chung, A. and Hill, B.** [Centre for Adolescent Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Sharing the motherload: a review and development of the CO-Parent conceptual model for early childhood obesity prevention', *Obesity Reviews* 2024; [Epub ahead of print] [PMID: 2031884675] <https://dx.doi.org/10.1111/obr.13853>
- La Gerche, A., Paratz, E.D., Bray, J.E., Jennings, G., Page, G., Timbs, S., Vandenberg, J.I., Abhayaratna, W., Chow, C.K., Dennis, M., Figtree, G.A., Kovacic, J.C., Maris, J., Nehme, Z., Parsons, S., Pflaumer, A., Puranik, R., Stub, D., Freitas, E., Zecchin, R., Cartledge, S., Haskins, B. and Ingles, J.** [Department of Cardiology, Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'A call to action to improve cardiac arrest outcomes: a report from the National Summit for Cardiac Arrest', *Heart, Lung and Circulation* 2024; [Epub ahead of print] [PMID: 2034696881] <https://dx.doi.org/10.1016/j.hlc.2024.09.001>
- La, H.M., Chan, A.L., Hutchinson, A.M., Su, B.Y.M., Rossello, F.J., Schittenhelm, R.B. and Hobbs, R.M.** [Novo Nordisk Foundation Center for Stem Cell Medicine, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Functionally redundant roles of ID family proteins in spermatogonial stem cells', *Stem Cell Reports* 2024; vol.19(10), pp.1379-1388 [PMID: 39332405] <https://dx.doi.org/10.1016/j.stemcr.2024.08.011>
- Laemmle-Ruff, I. and Crawford, N.W.** [Surveillance of Adverse Events Following Vaccination In the Community (SAEFVIC), Murdoch Children's Research Institute; Department of General Medicine, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Respiratory syncytial virus prevention is finally here: an overview of safety', *Australian Journal of General Practice* 2024; vol.53(10), pp.704-708 [PMID: 39370153] <https://dx.doi.org/10.31128/ajgp-06-24-7314>
- Laemmle-Ruff, I., Fryk, J.J., Shenton, P., Clothier, H.J., Parsons, S., Iles, L., White, C., Murray, M., Buttery, J. and Crawford, N.W.** [Surveillance of Adverse Events Following Vaccination In the Community (SAEFVIC), Murdoch Children's Research Institute; Centre for Health Analytics, Department of General Medicine, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Detailed review of mortality reported following COVID-19 vaccination in Victoria, Australia: 2021-2023', *Vaccine* 2024; vol.42(26), article no. 126368 [PMID: 2034652967] <https://dx.doi.org/10.1016/j.vaccine.2024.126368>
- Lake, N.J., Ma, K., Liu, W., Battle, S.L., Laricchia, K.M., Tiao, G., Puiu, D., Ng, K.K., Cohen, J., Compton, A.G., Cowie, S., Christodoulou, J., Thorburn, D.R., Zhao, H., Arking, D.E., Sunyaev, S.R. and Lek, M.** [Murdoch Children's Research Institute; Victorian Clinical Genetics Services, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Quantifying constraint in the human mitochondrial genome', *Nature* 2024; [Epub ahead of print] [PMID: 645552311] <https://dx.doi.org/10.1038/s41586-024-08048-x>

Library Update

- Lane, M.M., McGuinness, A.J., Mohebbi, M., Lotfaliany, M., Loughman, A., O'Hely, M., O'Neil, A., Batti, J., Kotowicz, M.A., Berk, M., Saunders, L., Page, R., Beatti, S., Marx, W. and Jacka, F.N.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The effects of food-based versus supplement-based very low-energy diets on gut microbiome composition and health outcomes in women with high body mass index (The MicroFit Study): a randomised controlled trial', *medRxiv 2024*; [Epub ahead of print] [PMID: 2034444550] <https://dx.doi.org/10.1101/2024.08.11.24311823>
- Lee, A.S., Ayers, L.J., Kosicki, M., Chan, W.M., Fozo, L.N., Pratt, B.M., Collins, T.E., Zhao, B., Rose, M.F., Sanchis-Juan, A., Fu, J.M., Wong, I., Zhao, X., Tenney, A.P., Lee, C., Laricchia, K.M., Barry, B.J., Bradford, V.R., Jurgens, J.A., England, E.M., Lek, M., MacArthur, D.G., Lee, E.A., Talkowski, M.E., Brand, H., Pennacchio, L.A. and Engle, E.C.** [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'A cell type-aware framework for nominating non-coding variants in Mendelian regulatory disorders', *Nature Communications 2024*; vol.15(1), article no. 8268 [PMID: 39333082] <https://dx.doi.org/10.1038/s41467-024-52463-7>
- Leroy, P.L., Krauss, B.S., Costa, L.R., Barbi, E., Irwin, M.G., Carlson, D.W., Absalom, A., Andolfatto, G., Roback, M.G., Babl, F.E., Mason, K.P., Roelofse, J., Costa, P.S. and Green, S.M.** [Department of Paediatrics, University of Melbourne; Emergency Department, Royal Children's Hospital; Emergency Research, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Procedural sedation competencies: a review and multidisciplinary international consensus statement on knowledge, skills, training, and credentialing', *British Journal of Anaesthesia 2024*; [Epub ahead of print] [PMID: 2034763886] <https://dx.doi.org/10.1016/j.bja.2024.07.036>
- Lewis, S., Rinehart, N., Mantilla, A., Alvares, G., Hiscock, H., Marks, D. and Papadopoulos, N.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'A pilot randomised controlled trial of a telehealth-delivered brief 'Sleeping Sound Autism' intervention for autistic children', *Sleep Medicine 2024*; vol.124(pp.162-173 [PMID: 2034670555] <https://dx.doi.org/10.1016/j.sleep.2024.09.001>
- Lim, K.H.J., Kamposioras, K., Elez, E., Haanen, J.B.A.G., Hardy, C., Murali, K., O'Connor, M., Oing, C., Punie, K., de Azambuja, E., Blay, J.Y. and Banerjee, S.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'ESMO Resilience Task Force recommendations to manage psychosocial risks, optimise well-being, and reduce burnout in oncology', *ESMO Open 2024*; vol.9(10), article no. 103634 [PMID: 2034747681] <https://dx.doi.org/10.1016/j.esmoop.2024.103634>
- Liu, Y., Grieve, A., Walker, S., Khera, H., Sarkar, M., Ong, E. and Lim, A.S.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Using politeness theory to deconstruct how pre-registrant pharmacists approach disagreement in the workplace', *American Journal of Pharmaceutical Education 2024*; Oct 4 [Epub ahead of print] [PMID: 39369908] <https://dx.doi.org/10.1016/j.ajpe.2024.101303>
- Loh, V., Sahlqvist, S., Veitch, J., Walsh, A., Cerin, E., Salmon, J., Mavoa, S. and Timperio, A.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Active travel, public transport and the built environment in youth: interactions with perceived safety, distance to school, age and gender', *Journal of Transport and Health 2024*; vol.38, article no. 101895 [PMID: <https://dx.doi.org/10.1016/j.jth.2024.101895>
- Lu, A., Than, S., Beare, R., La Hood, A., Collyer, T.A., Srikanth, V. and Moran, C.** [Developmental Imaging, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Interactions between muscle volume and body mass index on brain structure in the UK Biobank', *Frontiers in Dementia 2024*; vol.3, article no. 1456716 [PMID: 39376216] <https://dx.doi.org/10.3389/frdem.2024.1456716>
- Luo, D., Dashti, S.G., Sawyer, S.M. and Vijayakumar, N.** [Department of Paediatrics, University of Melbourne; Centre for Adolescent Health, Royal Children's Hospital; Clinical Epidemiology & Biostatistics Unit, Centre for Adolescent Health, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Pubertal hormones and mental health problems in

Library Update

- children and adolescents: a systematic review of population-based studies', *eClinicalMedicine* 2024; vol.76, article no. 102828 [PMID: 2034819948] <https://dx.doi.org/10.1016/j.eclinm.2024.102828>
- Magielski, J.H., Ruggiero, S.M., Xian, J., Parthasarathy, S., Galer, P.D., Ganesan, S., Back, A., McKee, J.L., McSalley, I., Gonzalez, A.K., Morgan, A., Donaher, J. and Helbig, I.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The clinical and genetic spectrum of paediatric speech and language disorders', *Brain* 2024; Oct 16 [Epub ahead of print] [PMID: 39412438] <https://dx.doi.org/10.1093/brain/awae264>
- Maleki, S., Hendrikse, J., Richardson, K., Segrave, R.A., Hughes, S., Kayayan, E., Oldham, S., Syeda, W., Coxon, J.P., Caeyenberghs, K., Dominguez, D.J., Solowij, N., Lubman, D.I., Suo, C. and Yucel, M.** [Developmental Imaging, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'White matter alterations associated with chronic cannabis use disorder: a structural network and fixel-based analysis', *Translational Psychiatry* 2024; vol.14(1), article no. 429 [PMID: 39389949] <https://dx.doi.org/10.1038/s41398-024-03150-0>
- Malhi, G.S., Kahane, G. and Savulescu, J.** [Biomedical Ethics Research Group, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Medical assistance in dying for mental illness: a complex intervention requiring a correspondingly complex evaluation approach: commentary, Malhi et al', *British Journal of Psychiatry* 2024; vol.225(2), pp.343-344 [PMID: 39399911] <https://dx.doi.org/10.1192/bjp.2024.182>
- Marchesini, V., Corlette, S., Sheppard, S., Davidson, A. and Tingay, D.** [Department of Anaesthesia and Pain Management, Department of Neonatology, Royal Children's Hospital; Department of Anaesthesia, Neonatal Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Evaluation of lung homogeneity in neonates and small infants during general anaesthesia using electrical impedance tomography: a prospective observational study', *BJA Open* 2024; vol.12, article no. 100344 [PMID: <https://dx.doi.org/10.1016/j.bjao.2024.100344>]
- Massey, S., Quigley, A., Rochfort, S., Christodoulou, J. and Van Bergen, N.J.** [Brain and Mitochondrial Research Group, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Cannabinoids and genetic epilepsy models: a review with focus on CDKL5 deficiency disorder', *International Journal of Molecular Sciences* 2024; vol.25(19), article no. 10768 [PMID: 39409097] <https://dx.doi.org/10.3390/ijms251910768>
- McGuinness, A.J., O'Hely, M., Stupart, D., Watters, D., Dawson, S.L., Hair, C., Berk, M., Mohebbi, M., Loughman, A., Guest, G. and Jacka, F.N.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Prior appendectomy and gut microbiota re-establishment in adults after bowel preparation and colonoscopy', *Biomedicines* 2024; vol.12(9), article no. 1938 [PMID: 39335452] <https://dx.doi.org/10.3390/biomedicines12091938>
- McKay, C.D., Gubhaju, L., Gibberd, A.J., McNamara, B.J., Macniven, R., Joshy, G., Yashadhana, A., Fields, T., Williams, R., Roseby, R., Azzopardi, P., Banks, E. and Eades, S.J.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Relationships between social determinants of health and healthy body composition among Aboriginal and Torres Strait Islander youth in the Next Generation: youth well-being study', *Health Promotion Journal of Australia* 2024; Sep 30 [Epub ahead of print] [PMID: 39350530] <https://dx.doi.org/10.1002/hpja.927>
- Mele, S., Martelli, F., Barlow, C.K., Jefferies, G., Dworkin, S., Christodoulou, J., Schittenhelm, R.B., Piper, M.D.W. and Johnson, T.K.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Valine restriction extends survival in a Drosophila model of short-chain enoyl-CoA hydratase 1 (ECHS1) deficiency', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034578630] <https://dx.doi.org/10.1101/2024.08.15.608013>
- Mellow, M.L., Dumuid, D., Wade, A., Olds, T., Stanford, T., Keage, H., Hunter, M., Ware, N., Simpson, F.M., Karayanidis, F. and Smith, A.E.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Should we work smarter or harder for our health? A comparison of intensity and domain-based time-use compositions and their associations with cognitive and

Library Update

cardiometabolic health', *Journals of Gerontology Series A - Biological Sciences and Medical Sciences* 2024; vol.79(11), article no. glae233 [PMID: 39297510] <https://dx.doi.org/10.1093/gerona/glae233>

Mendis, R., Wong, A., Frenkel, S., Southcott, A.M., Selman, C.J., Martin, J., Grobler, A., Currow, D., Agar, M., Le, B. and Philip, J. [Clinical Epidemiology and Biostatistics Unit, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Temazepam or melatonin versus placebo for the treatment of insomnia in advanced cancer: a three-arm, double-blind, phase III, multicenter, randomized clinical trial', *Journal of Palliative Medicine* 2024; vol.27(10), pp.1368-1373 [PMID: 39304187] <https://dx.doi.org/10.1089/jpm.2024.0151>

Merencilla, R.J.E., Maceda, E.B.G., Basas, J.R.U., Adducul, R.T.Y., Francisco, M.L., Licudo, J.V. and de Castro-Hamoy, L.G. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Acceptability of dried blood spot collection by primary caregivers of Filipino patients with maple syrup urine disease (MSUD) and phenylketonuria (PKU)', *Journal of Community Genetics* 2024; [Epub ahead of print] [PMID: 2031873888] <https://dx.doi.org/10.1007/s12687-024-00743-6>

Mitrou, F., Milroy, H., Coffin, J., Hamilton, S.L., Brennan-Jones, C.G., Schurer, S., Davis, E.A., Richmond, P., Passmore, H.M., Pearson, G., Brown, A., O'Donnell, M., Bowen, A.C., Azzopardi, P., Conigrave, K.M., Downs, J., Cooper, M.M., Ramsey, K.A., Ferrante, A., Johnson, S.E., Cave, L., Vlaskovsky, P., Hopkins, K.D., D'Antoine, H.A., Wilkes, T. and Zubrick, S.R. [Centre for Adolescent Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Cohort profile: understanding the influence of early life environments and health and social service system contacts over time and across generations through the Western Australian Aboriginal Child Health Survey (WAACHS) Linked Data Study', *BMJ Open* 2024; vol.14(10), article no. e087522 [PMID: 39357983] <https://dx.doi.org/10.1136/bmjopen-2024-087522>

Moran, P., Chandler, A., Dudgeon, P., Kirtley, O.J., Knipe, D., Pirkis, J., Sinyor, M., Allister, R., Ansloos, J., Ball, M.A., Chan, L.F., Darwin, L., Derry, K.L., Hawton, K., Heney, V., Hetrick, S., Li, A., Machado, D.B., McAllister, E., McDaid, D., Mehra, I., Niederkrotenthaler, T., Nock, M.K., O'Keefe, V.M., Oquendo, M.A., Osafo, J., Patel, V., Pathare, S., Peltier, S., Roberts, T., Robinson, J., Shand, F., Stirling, F., Stoor, J.P.A., Swingler, N., Turecki, G., Venkatesh, S., Waitoki, W., Wright, M., Yip, P.S.F., Spoelma, M.J., Kapur, N., O'Connor, R.C. and Christensen, H. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The Lancet Commission on self-harm', *Lancet* 2024; vol.404(10461), pp.1445-1492 [PMID: 39395434] [https://dx.doi.org/10.1016/s0140-6736\(24\)01121-8](https://dx.doi.org/10.1016/s0140-6736(24)01121-8)

Morgan, B., Lyons, E.A., Handley, A., Bogdanovic-Sakran, N., Pavlic, D., Witte, D., Mandolo, J., Turner, A., Jere, K.C., Justice, F., Ong, D.S., Bonnici, R., Boniface, K., Donato, C.M., Mpakiza, A., Meyer, A., Bar-Zeev, N., Iturriza-Gomara, M., Cunliffe, N.A., Danchin, M. and Bines, J.E. [Enteric Diseases, Murdoch Children's Research Institute; Department of Gastroenterology and Clinical Nutrition, Department of General Medicine, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Rotavirus-specific maternal serum antibodies and vaccine responses to RV3-BB rotavirus vaccine administered in a neonatal or infant schedule in Malawi', *Viruses* 2024; vol.16(9), article no. 1488 [PMID: 2031600449] <https://dx.doi.org/10.3390/v16091488>

Morton, A.J., Mitchell, A.R., Melville, R.E., Hui, L., Tong, S.Y.C., Dunstan, S.J. and Denholm, J.T. [Reproductive Epidemiology Group, Murdoch Children's Research Group, Parkville, Vic., Australia.], 'Mycobacterium tuberculosis infection in pregnancy: a systematic review', *medRxiv* 2024; [Epub ahead of print] [PMID: 2034444527] <https://dx.doi.org/10.1101/2024.08.10.24311783>

Moussaoui, D., Foran, T., Richards, S. and Grover, S.R. [Department of Paediatric and Adolescent Gynaecology, Department of Allergy and Immunology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Catamenial anaphylaxis in adolescents and young adults: a case series', *Journal of Allergy and Clinical Immunology. In Practice* 2024; [Epub ahead of print] [PMID: 645486231] <https://dx.doi.org/10.1016/j.jaip.2024.09.032>

Muhi, S., Marshall, J.L., O'Brien, D.P., Johnson, P.D.R., Ross, G., Ramakrishnan, A., Mackay, L.K., Doerflinger, M., McCarthy, J.S., Jamrozik, E., Osowicki, J. and Stinear, T.P. [Tropical

Library Update

- Diseases Research Group, Murdoch Children's Research Institute; Infectious Diseases Unit, Department of General Medicine, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'A human model of Buruli ulcer: provisional protocol for a Mycobacterium ulcerans controlled human infection study', *Wellcome Open Research* 2024; vol.9, pp.488 [PMID: 39386965] <https://dx.doi.org/10.12688/wellcomeopenres.22719.1>
- Nuotio, J., Laitinen, T.T., Magnussen, C.G., Sinaiko, A.R., Bazzano, L.A., Daniels, S.R., Jacobs, D.R., Jr., Kartiosuo, N., Koskinen, J., Burgner, D.P., Kähönen, M., Raitakari, O.T., Steinberger, J., Urbina, E.M., Venn, A.J., Viikari, J.S.A., Woo, J.G., Dwyer, T. and Juonala, M.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Predictors in youth of adult cardiovascular events', *Pediatrics* 2024; Oct 14 [Epub ahead of print] [PMID: 39397535] <https://dx.doi.org/10.1542/peds.2024-066736>
- O'Brien, S., Wilson, C., Duck, M., Nieva, G., Rao, M.P. and Haskell, L.** [Emergency Research, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Review article: A primer for clinical researchers in the emergency department: part XIII. Strategies to engage staff and enhance participant recruitment in emergency department research', *Emergency Medicine Australasia* 2024; [Epub ahead of print] [PMID: 2031550511] <https://dx.doi.org/10.1111/1742-6723.14505>
- Olbrich, L., Franckling-Smith, Z., Larsson, L., Sabi, I., Ntinginya, N.E., Khosa, C., Banze, D., Nliwasa, M., Corbett, E.L., Semphere, R., Verghese, V.P., Michael, J.S., Ninan, M.M., Saathoff, E., McHugh, T.D., Razid, A., Graham, S.M., Song, R., Nabeta, P., Trollip, A., Nicol, M.P., Hoelscher, M., Geldmacher, C., Heinrich, N. and Zar, H.J.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Sequential and parallel testing for microbiological confirmation of tuberculosis disease in children in five low-income and middle-income countries: a secondary analysis of the RaPaed-TB study', *Lancet Infectious Diseases* 2024; Sep 20 [Epub ahead of print] [PMID: 39312914] [https://dx.doi.org/10.1016/s1473-3099\(24\)00494-8](https://dx.doi.org/10.1016/s1473-3099(24)00494-8)
- Ozeki-Hayashi, R. and Wilkinson, D.J.C.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Shinmi (親身): a distinctive Japanese medical virtue?', *Asian Bioethics Review* 2024; vol.16(4), pp.563-573 [PMID: 39398457] <https://dx.doi.org/10.1007/s41649-023-00261-6>
- Payne, J.M.** [Brain and Mind, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Neurocognitive therapies for monogenic conditions: time for a new approach?', *Developmental Medicine and Child Neurology* 2024; [Epub ahead of print] [PMID: 2031812601] <https://dx.doi.org/10.1111/dmcn.16129>
- Payten, C.L., Weir, K.A. and Madill, C.J.** [Department of Allied Health, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Investigating current clinical practice in assessment and diagnosis of voice disorders: a cross-sectional multidisciplinary global web survey', *International Journal of Language and Communication Disorders* 2024; Sep 20 [Epub ahead of print] [PMID: 39301850] <https://dx.doi.org/10.1111/1460-6984.13116>
- Pellerin, D., Méreaux, J.L., Boluda, S., Danzi, M.C., Dicaire, M.J., Davoine, C.S., Genis, D., Spurdens, G., Ashton, C., Hammond, J.M., Gerhart, B.J., Chelban, V., Le, P.U., Safisamghabadi, M., Yanick, C., Lee, H., Nageshwaran, S.K., Matos-Rodrigues, G., Jaunmuktane, Z., Petrecca, K., Akbarian, S., Nussenzweig, A., Usdin, K., Renaud, M., Bonnet, C., Ravenscroft, G., Saporta, M.A., Napierala, J.S., Houlden, H., Deveson, I.W., Napierala, M., Brice, A., Molina Porcel, L., Seilhean, D., Zuchner, S., Durr, A. and Brais, B.** [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Somatic instability of the FGF14-SCA27B GAA•TTC repeat reveals a marked expansion bias in the cerebellum', *Brain* 2024; Oct 8 [Epub ahead of print] [PMID: 39378335] <https://dx.doi.org/10.1093/brain/awae312>
- Pham, M.D., Wulan, N.R., Sawyer, S.M., Agius, P.A., Fisher, J., Tran, T., Medise, B.E., Devaera, Y., Riyanti, A., Ansariadi, A., Cini, K., Kennedy, E., Wiweko, B., Luchters, S., Kaligis, F., Wiguna, T. and Azzopardi, P.S.** [Centre for Adolescent Health, Murdoch Children's Research Institute; Centre for Adolescent Health, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Mental health problems among

Library Update

Indonesian adolescents: findings of a cross-sectional study utilising validated scales and innovative sampling methods', *Journal of Adolescent Health* 2024; [Epub ahead of print] [PMID: 2035038219] <https://dx.doi.org/10.1016/j.jadohealth.2024.07.016>

Phuong-Nguyen, K., O'Hely, M., Kowalski, G.M., McGee, S.L., Aston-Mourney, K., Connor, T., Mahmood, M.Q. and Rivera, L.R. [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The impact of yoyo dieting and resistant starch on weight loss and gut microbiome in C57Bl/6 mice', *Nutrients* 2024; vol.16(18), article no. 3138 [PMID: 2031609659] <https://dx.doi.org/10.3390/nu16183138>

Poulton, A., Menezes, M., Hardy, T., Lewis, S. and Hui, L. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Clinical outcomes following preimplantation genetic testing for monogenic conditions, a systematic review of observational studies', *American Journal of Obstetrics and Gynecology* 2024; [Epub ahead of print] [PMID: 645451043] <https://dx.doi.org/10.1016/j.ajog.2024.09.114>

Priest, N., Doery, K., Lim, C.K., Lawrence, J.A., Zouboulis, G., King, G., Lamisa, D., He, F., Wijesuriya, R., Mateo, C.M., Chong, S., Truong, M., Perry, R., King, P.T., Paki, N.P., Joseph, C., Pagram, D., Lekamge, R.B., Mikolajczak, G., Darnett, E., Trenerry, B., Jha, S., Masunga, J.G., Paradies, Y., Kelly, Y., Karlsen, S. and Guo, S. [Centre for Community Child Health, Clinical Epidemiology & Biostatistics, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Racism and health and wellbeing among children and youth - an updated systematic review and meta-analysis', *Social Science and Medicine* 2024; vol.361, article no. 117324 [PMID: 2034887505] <https://dx.doi.org/10.1016/j.socscimed.2024.117324>

Priest, N., Guo, S., Wijesuriya, R., Chamberlain, C., Smith, R., Davis, S., Mohamed, J. and Moreno-Betancur, M. [Centre for Community Child Health, Clinical Epidemiology and Biostatistics Unit, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'To what extent could eliminating racial discrimination reduce inequities in mental health and sleep problems among Aboriginal and Torres Strait Islander children? A causal mediation study', *Lancet Regional Health - Western Pacific* 2024; vol.51, article no. 101196 [PMID: 2034938369] <https://dx.doi.org/10.1016/j.lanwpc.2024.101196>

Qu, X., Razmara, E., H'Ng C, H., Vinu, K.K., Martelotto, L.G., Zethoven, M., Rossello, F.J., Johnstone, R.W., Amarasinghe, S.L., Powell, D.R. and Rosello-Diez, A. [Novo Nordisk Foundation Center for Stem Cell Medicine, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Long-lived chondroprogenitors are generated by fetal-limb Gli1⁺ cells and are replenished upon mosaic cell-cycle arrest in the cartilage', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034114264] <https://dx.doi.org/10.1101/2024.07.29.603524>

Quatraccioni, A., Cases-Cunillera, S., Balagura, G., Coleman, M., Rossini, L., Mills, J.D., Casillas-Espinosa, P.M., Moshe, S.L., Sankar, R., Baulac, S., Noebels, J.L., Auvin, S., O'Brien, T.J., Henshall, D.C., Akman, O. and Galanopoulou, A.S. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'WONOEP appraisal: genetic insights into early onset epilepsies', *Epilepsia* 2024; [Epub ahead of print] [PMID: 2031499194] <https://dx.doi.org/10.1111/epi.18124>

Rausa, V.C., Babl, F.E., Davies, K., Takagi, M., Davis, G.A., McKinlay, A., Charles, B., Hearps, S.J.C., Anderson, N., Clarke, C., Barnett, P., Dunne, K. and Anderson, V. [Clinical Sciences, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Emergency Department, Department of Rehabilitation Medicine, Psychology Service, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Feasibility of concussion essentials: a multimodal intervention for persisting post-concussion symptoms among children and adolescents', *Neuropsychological Rehabilitation* 2024; Sep 21 [Epub ahead of print] [PMID: 39305477] <https://dx.doi.org/10.1080/09602011.2024.2402564>

Rengasamy, E.R., Hiscock, H., Newlove-Delgado, T. and Mughal, F. [Department of Paediatrics, University of Melbourne; Centre for Community Child Health, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Optimising access to primary care services for

Library Update

young people: lessons from England and Australia', *British Journal of General Practice* 2024; vol.74(747), pp.440-442 [PMID: 39327087] <https://dx.doi.org/10.3399/bjgp24X739461>

Renton, M.C., Humphrey, S.J., Connor, T., Martin, S.D., Kremerer, K., Fernando, H., Shaw, C.S., James, D.E., Howlett, K.F. and McGee, S.L. [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Adiposetissue protein kinase D (PKD): regulation of signalling networks and its sex-dependent effects on metabolism', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034580252] <https://dx.doi.org/10.1101/2024.08.29.610294>

Ricardo, S., Wise, A., Krisnadevi, A., Bruell, S., Kassianos, A., Wang, X., Healy, H., Saini, S., Elliot, D., Fuller, M. and Nicholls, K. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Investigating cell pathology in Fabry disease: ferroptosis dysregulation in iPSC-derived podocytes', *Nephron* 2024; vol.148(Suppl. 1), pp.61 [PMID: 645413206] <https://doi.org/10.1159/000539834>

Riegman, K.L.H., George, C., Whittaker, D.E., Ahmed, M.U., Yun, H., Huntly, B.J.P., Sims, D., Osborne, C.S. and Basson, M.A. [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The long-range gene regulatory under landscape of cerebellar granule neuron progenitors', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034579417] <https://dx.doi.org/10.1101/2024.08.22.609103>

Rubbo, B., et al. [Respiratory Medicine, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Associations between respiratory pathogens and lung function in primary ciliary dyskinesia: cross-sectional analysis from the PROVALF-PCD cohort', *ERJ Open Research* 2024; vol.10(5), article no. 00253-2024 [PMID: 39351386] <https://dx.doi.org/10.1183/23120541.00253-2024>

Saiپیeva, D., Askarov, M., Jafari, N., Zhankina, R., Heath, P.R., Kozina, L., Boltanova, A., Omarbekov, A., Ilyassov, N., Tuganbekov, T., Mussin, N.M., Kaliyev, A.A., Sultangereyev, Y., Rahmanifar, F., Mahdipour, M., Bakhshalizadeh, S., Shirazi, R., Tanideh, N. and Tamadon, A. [Reproductive Development, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Bone marrow and peripheral blood mononuclear cell phenotype changes after cultivation and autologous infusion in patients with primary biliary cholangitis', *Iranian Journal of Medical Sciences* 2024; vol.49(9), pp.559-572 [PMID: 2031159870] <https://dx.doi.org/10.30476/ijms.2023.99613.3172>

Savarirayan, R., Hoernschemeyer, D.G., Ljungberg, M., Bacino, C.A., Legare, J.M., Quattrin, T., Zarate, Y.A., Abuzzahab, M.J., Hofman, P.L., Hogler, W., Schnabel, D., Carroll, R., White, K.K., Sousa, S.B., Mao, M., Smith, A., Kjølgaard-Hansen, M., Shu, A.D. and McDonnell, C. [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'TransCon CNP (Navepegritide) improves physical functioning and well-being in children with achondroplasia (ACH) in the ACcomplish Trial', *JBMR Plus* 2024; vol.8(Suppl. 2), pp.ii35-ii36 [PMID: 645362243] <https://dx.doi.org/10.1093/jbmrpl/ziae105>

Savarirayan, R., Irving, M., Wilcox, W.R., Bacino, C.A., Hoover-Fong, J.E., Harmatz, P., Polgreen, L.E., Mohnike, K., Prada, C.E., Kubota, T., Arundel, P., Leiva-Gea, A., Rowell, R., Low, A., Sabir, I., Huntsman-Labed, A. and Day, J. [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Persistent growth-promoting effects of vosoritide in children with achondroplasia are accompanied by improvements in physical and social aspects of health-related quality of life', *Genetics in Medicine* 2024; vol.26(12), article no. 101274 [PMID: 39305160] <https://dx.doi.org/10.1016/j.gim.2024.101274>

Savarirayan, R., Tofts, L., Irving, M., Wilcox, W.R., Bacino, C.A., Hoover-Fong, J.E., Harmatz, P., Rutsch, F., Carroll, R.S., Polgreen, L.E., Mohnike, K., Charrow, J., Prada, C., Hoernschemeyer, D., Ozono, K., Kubota, T., Alanay, Y., Arundel, P., Kotani, Y., Yasui, N., White, K.K., Brandstetter, S., Saal, H.M., Leiva-Gea, A., Mochizuki, H., Tajima, A., Basel, D., Fischeleva, E., Rowell, R., Huntsman-Labed, A. and Day, J. [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Persistent growth-promoting effects of vosoritide in children with achondroplasia is accompanied by improvement in physical aspects of quality

Library Update

- of life', *JBMR Plus* 2024; vol.8(Suppl. 2), pp.ii37-ii38 [PMID: 645362268]
<https://dx.doi.org/10.1093/jbmrpl/ziae105>
- Savarirayan, R., Tofts, L., Irving, M., Wilcox, W.R., Bacino, C.A., Hoover-Fong, J.E., Harmatz, P., Rutsch, F., Carroll, R.S., Polgreen, L.E., Mohnike, K., Charrow, J., Prada, C., Hoernschemeyer, D., Ozono, K., Kubota, T., Alanay, Y., Arundel, P., Kotani, Y., Yasui, N., White, K.K., Brandstetter, S., Saal, H.M., Leiva-Gea, A., Mochizuki, H., Tajima, A., Basel, D., Fischeleva, E., Low, A., Lawrinson, S. and Day, J.** [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Persistent growth-promoting effects of vosoritide in children with achondroplasia for up to 4 years: update from phase 3 extension study', *JBMR Plus* 2024; vol.8(Suppl. 2), pp.ii176-ii177 [PMID: 645362063] <https://dx.doi.org/10.1093/jbmrpl/ziae105>
- Savarirayan, R., Wilcox, W.R., Harmatz, P., Phillips, J., Irving, M., Polgreen, L.E., Tofts, L., Ozono, K., Arundel, P., Bacino, C., Basel, D., Carroll, R.S., Charrow, J., Mochizuki, H., Kotani, Y., Saal, H.M., Han, L., Low, A. and Day, J.** [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Persistence of growth promoting effects in infants and toddlers with achondroplasia: results from a phase 2 extension study with vosoritide', *JBMR Plus* 2024; vol.8(Suppl. 2), pp.ii174-ii175 [PMID: 645362036] <https://dx.doi.org/10.1093/jbmrpl/ziae105>
- See, E.J. and Quinlan, C.** [Department of Paediatrics, University of Melbourne; Department of Nephrology, Royal Children's Hospital; Kidney Regeneration, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Long shadows: understanding the lifelong risk of acute kidney injury in childhood', *Journal of the American Society of Nephrology* 2024; Sep 25 [Epub ahead of print] [PMID: 39320954] <https://dx.doi.org/10.1681/asn.0000000508>
- Seewoo, B.J., Goodes, L.M., Thomas, K.V., Rauert, C., Elagali, A., Ponsonby, A.L., Symeonides, C. and Dunlop, S.A.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'How do plastics, including microplastics and plastic-associated chemicals, affect human health?', *Nature Medicine* 2024; Oct 8 [Epub ahead of print] [PMID: 39379706] <https://dx.doi.org/10.1038/s41591-024-03287-x>
- Shaul, M., Whittle, S., Silk, T.J. and Vijayakumar, N.** [Developmental Imaging, Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Pubertal timing mediates the association between threat adversity and psychopathology', *Psychological Medicine* 2024; vol.54(12), 3436-3446 [PMID: 645374631]
<https://dx.doi.org/10.1017/S003329172400179X>
- Stark, Z., Glazer, D., Hofmann, O., Rendon, A., Marshall, C.R., Ginsburg, G.S., Lunt, C., Allen, N., Effingham, M., Hastings Ward, J., Hill, S.L., Ali, R., Goodhand, P., Page, A., Rehm, H.L., North, K.N. and Scott, R.H.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'A call to action to scale up research and clinical genomic data sharing', *Nature Reviews. Genetics* 2024; Oct 7 [Epub ahead of print] [PMID: 39375561] <https://dx.doi.org/10.1038/s41576-024-00776-0>
- Starosta, R.T., Larson, A.A., Meeks, N.J.L., Gracie, S., Friederich, M.W., Gaughan, S.M., Baker, P.R., Knupp, K.G., Michel, C.R., Reisdorph, R., Hock, D.H., Stroud, D.A., Wood, T. and Van Hove, J.L.K.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'An integrated multi-omics approach allowed ultra-rapid diagnosis of a deep intronic pathogenic variant in PDHX and precision treatment in a neonate critically ill with lactic acidosis', *Mitochondrion* 2024; vol.79, article no. 101973 [PMID: 2035169438] <https://dx.doi.org/10.1016/j.mito.2024.101973>
- Steel, A., Karunaratne, N., Exintaris, B., James, S., Al-Juhaishi, A., Don, A., Dai, D.W. and Lim, A.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The impact of resilience on academic performance with a focus on mature learners', *BMC Medical Education* 2024; vol.24(1), article no. 1105 [PMID: 39375703]
<https://dx.doi.org/10.1186/s12909-024-06099-2>
- Stehr, A., Lenberg, J., Friedman, J., Dobbelaere, D., Imbard, A., Levy, J., Donoghue, S., Derive, N., Stoeva, R., Gueguen, P. and Zech, M.** [Murdoch Children's Research Institute; Department of

Library Update

- Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Consolidating the role of mutated ATP2B2 in neurodevelopmental and cerebellar pathologies', *Clinical Genetics* 2024; [Epub ahead of print] [PMID: 2031749820] <https://dx.doi.org/10.1111/cge.14622>
- Suryadinata, R., Martinello, P., Bennett-Wood, V. and Robinson, P.** [Victorian Diagnostic Service for PCD, Anatomical Pathology, Royal Children's Hospital; Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Heterozygous cis HYDIN mutations cause primary ciliary dyskinesia', *Med* 2024; Sep 21 [Epub ahead of print] [PMID: 39317196] <https://dx.doi.org/10.1016/j.medj.2024.08.007>
- Taheri, M., Menne, C., Anderson, J., Li, S., Berzins, S.P., Licciardi, P.V., Ashhurst, T.M., Jalali, S. and Pellicci, D.G.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'The changing immune landscape of innate-like T cells and innate cells throughout life', *bioRxiv* 2024; [Epub ahead of print] [PMID: 2034578636] <https://dx.doi.org/10.1101/2024.08.14.608020>
- Tang, M.J.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Enhancing paediatric radiology experiences: integrating play and child life therapy techniques for optimal patient cooperation', *Journal of Medical Imaging and Radiation Sciences* 2024; vol.55(3 Suppl.), pp.101651 [PMID: 2035134550] <https://dx.doi.org/10.1016/j.jmir.2024.101651>
- Taylor-Miller, T., Simm, P., Zacharin, M. and Yeung, A.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Expanding the phenotype of PLS3-related osteoporosis', *JBMR Plus* 2024; vol.8(Suppl. 2), pp.ii165-ii166 [PMID: 645361957] <https://dx.doi.org/10.1093/jbmrpl/ziae105>
- Thomas, S., Ryan, N.P., Byrne, L.K., Hendrieckx, C. and White, V.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Quality of life in children with chronic health conditions and its contribution to unmet supportive care needs of families', *Child: Care, Health and Development* 2024; vol.50(6), article no. e13336 [PMID: 39384552] <https://dx.doi.org/10.1111/cch.13336>
- Thompson, D.K. and Kelly, C.E.** [Victorian Infant Brain Studies, Developmental Imaging, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'A step towards predicting what the future holds for those born extremely preterm', *Pediatric Research* 2024; Oct 9 [Epub ahead of print] [PMID: 39385013] <https://dx.doi.org/10.1038/s41390-024-03627-0>
- Thompson, S.C.H., Treyvaud, K., Pascoe, L., Mainzer, R.M., Nguyen, T.N.N., Inder, T.E., Doyle, L.W. and Anderson, P.J.** [Clinical Sciences, Centre for Community and Child Health, Clinical Epidemiology and Biostatistics Unit, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Trajectories of social outcomes in individuals born very preterm from childhood to adolescence', *Acta Paediatrica* 2024; [Epub ahead of print] [PMID: 645382154] <https://dx.doi.org/10.1111/apa.17434>
- Thornton, L., Corliss, C., Deen, H., Teesson, M., Champion, K.E., Partridge, S.R., Heinsch, M., Spring, B., Gardner, L.A., Rickwood, D., Sunderland, M., Newton, N.C., Zaman, S., Redfern, J., Osman, B., Wilson, J., Watt, M. and Kay-Lambkin, F.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The Triple E project: a factorial randomised controlled trial to enhance engagement with eHealth approaches to improve health risk behaviours among adolescents', *BMC Public Health* 2024; vol.24(1), article no. 2697 [PMID: 39363157] <https://dx.doi.org/10.1186/s12889-024-20124-5>
- Toh, Z.Q., Anderson, J., Mazarakis, N., Quah, L., Nguyen, J., Higgins, R.A., Do, L.A.H., Ng, Y.Y., Jalali, S., Neeland, M.R., McMinn, A., Saffery, R., McNab, S., McVernon, J., Marcato, A., Burgner, D.P., Curtis, N., Steer, A.C., Mulholland, K., Pellicci, D.G., Crawford, N.W., Tosif, S. and Licciardi, P.V.** [Infection, Immunity and Global Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of General Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Humoral and cellular immune responses in vaccinated and unvaccinated children following SARS-CoV-2 Omicron infection', *Clinical and Translational Immunology* 2024; vol.13(10), article no. e70008 [PMID: 39364394] <https://dx.doi.org/10.1002/cti2.70008>

- Toovey, R., Coulston, F., Shuttleworth, H., Jelleff, M., Villalon, J., Anderson, S., Shields, N., Finnigan, M., Lator, S. and McGinley, J.** [Clinical Sciences, Murdoch Children's Research Institute; Orthotic and Prosthetic Department, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Participation experiences of young people with limb difference in sports and recreation in Australia: a qualitative study', *Disability and Rehabilitation* 2024; 17 Oct [Epub ahead of print] [PMID: 645550993] <https://dx.doi.org/10.1080/09638288.2024.2413180>
- Topitz, D., Rothensteiner, M., Baier-Grabner, S., Langthaler, M., Reithmayr, S., Zacharasiewicz, A., Hotz, J., Tebruegge, M., Lagler, H. and Gotzinger, F.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Zystische echinokokkose in minderjahrigen gefluchteten: eine fallserie, cystic echinococcosis in paediatric refugees: a case series', *Klinische Padiatrie* 2024; [Epub ahead of print] [PMID: 645530200] <https://dx.doi.org/10.1055/a-2417-6711>
- Topitz, D., Rothensteiner, M., Baier-Grabner, S., Langthaler, M., Reithmayr, S., Zacharasiewicz, A., Hotz, J., Tebruegge, M., Lagler, H. and Göttinger, F.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Cystic echinococcosis in paediatric refugees: a case series', *Klinische Padiatrie* 2024; Oct 15 [Epub ahead of print] [PMID: 39406362] <https://dx.doi.org/10.1055/a-2417-6711>
- Tsoi, S.K., Burgner, D., Ulloa-Gutierrez, R. and Phuong, L.K.** [Infectious Diseases Unit, Department of General Medicine, Royal Children's Hospital; Infection, Immunity and Global Health, Antimicrobials Theme Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'An update on treatment options for resistant Kawasaki disease', *Pediatric Infectious Disease Journal* 2024; Oct 1 [Epub ahead of print] [PMID: 39352130] <https://dx.doi.org/10.1097/inf.0000000000004561>
- Turner, P.J., Bognanni, A., Arasi, S., Ansotegui, I.J., Schnadt, S., Vieille, S., Hourihane, J.O., Zuberbier, T., Eigenmann, P., Ebisawa, M., Morais-Almeida, M., Barnett, J., Martin, B., Monaci, L., Roberts, G., Wong, G., Gupta, R., Tsaouri, S., Mills, C., Brooke-Taylor, S., Bartra, J., Levin, M., Groetch, M., Tanno, L., Hossny, E., Weber, B.B., Fierro, V., Remington, B., Gerdts, J., Gowland, M.H., Chu, D., Van Ravenhorst, M., Koplin, J. and Fiocchi, A.** [Centre for Food and Allergy Research, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Time to ACT-UP: update on precautionary allergen labelling (PAL)', *World Allergy Organization Journal* 2024; vol.17(10), article no. 100972 [PMID: 39381624] <https://dx.doi.org/10.1016/j.waojou.2024.100972>
- Uittenbogaard, P., Netea, S.A., Tanck, M.W.T., Geissler, J., Buda, P., Kowalczyk-Domagała, M., Okarska-Napierała, M., van Stijn, D., Tacke, C.E., Burgner, D.P., Shimizu, C., Burns, J.C., Kuipers, I.M., Kuijpers, T.W. and Nagelkerke, S.Q.** [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'FCGR2/3 polymorphisms are associated with susceptibility to Kawasaki disease but do not predict intravenous immunoglobulin resistance and coronary artery aneurysms', *Frontiers in Immunology* 2024; vol.15, article no. 1323171 [PMID: 39359734] <https://dx.doi.org/10.3389/fimmu.2024.1323171>
- Vance, A., McGaw, J., Winther, J. and Eades, S.** [Developmental Neuropsychiatry Program, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Indigenous spirituality, health, and well-being in the young: yarns with the Victorian Aboriginal community', *Qualitative Health Research* 2024; Oct 17 [Epub ahead of print] [PMID: 39417690] <https://dx.doi.org/10.1177/10497323241274706>
- Wallace, M., Muir, J., Dicker, T. and Grover, S.** 'September 2024 correspondence', *Australian Journal of General Practice* 2024; vol.53(9), pp.605-607 <https://www1.racgp.org.au/ajgp/2024/september/september-2024-correspondence-1>
- Walters, M., Rhodes, A., Hoq, M. and Measey, M.A.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute; National Child Health Poll, Department of General Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Caregiver's intention and uptake of influenza vaccination for children in Australia before and after introduction of free vaccination', *Public Health* 2024; vol.237, pp.94-96 [PMID: 2034809565] <https://dx.doi.org/10.1016/j.puhe.2024.08.022>

Library Update

- Wang, Y., Kraemer, N., Schneider, J., Ninnemann, O., Weng, K., Hildebrand, M., Reid, J., Li, N., Hu, H., Mani, S. and Kaindl, A.M.** [Neuroscience Group, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Togaram1 is expressed in the neural tube and its absence causes neural tube closure defects', *HGG Advances* 2024; vol.6(1), article no. 100363 [PMID: 645473530] <https://dx.doi.org/10.1016/j.xhgg.2024.100363>
- Whitaker, C.M., Miyajni, F., Samdani, A.F., Pahys, J.M., Sponseller, P.D., Bryan, T.P., Newton, P.O., Hwang, S.W., Buckland, A., Jain, A., Lonner, B., Roye, B., Yaszay, B., Reilly, C., Hedequist, D., Sucato, D., Clements, D., Shufflebarger, H., Flynn, J., Asghar, J., Mac-Thiong, J.M., Pahys, J., Harms, J., Bachmann, K., Lenke, L., Karol, L., Abel, M., Erickson, M., Glotzbecker, M., Kelly, M., Marks, M., Gupta, M., Fletcher, N., Larson, N., Cahill, P., Sponseller, P., Gabos, P., Sturm, P., Betz, R., Parent, S., George, S., Hwang, S., Shah, S., Garg, S., Errico, T. and Upasani, V.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Prospectively collected comparison of outcomes between surgically and conservatively treated patients with adolescent idiopathic scoliosis', *Spine* 2024; vol.49(17), pp.1210-1218 [PMID: <https://dx.doi.org/10.1097/BRS.0000000000004948>]
- Wickramasinghe, N., Ulapane, N., Zelcer, J. and Saffery, R.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Omics-based digital twins for personalised paediatric healthcare', *Studies in Health Technology and Informatics* 2024; vol.318, pp.180-181 [PMID: 39320206] <https://dx.doi.org/10.3233/shti240917>
- Wong, G., Guha, C., Mallitt, K.A., van Zwieten, A., Khalid, R., Francis, A., Jaure, A., Kim, S., Teixeira-Pinto, A., Aquino, M., Bernier-Jean, A., Johnson, D.W., Hahn, D., Reidlinger, D., Ryan, E.G., Mackie, F., McCarthy, H., Varghese, J., Kiriwandeniya, C., Howard, K., Larkins, N., Macauley, L., Walker, A., Howell, M., Caldwell, P., Woodleigh, R., Jesudason, S., Carter, S., Kennedy, S., Alexander, S., McTaggart, S., Craig, J.C. and Hawley, C.M.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The randomized controlled trial (NAVKIDS2) of a patient navigator program created for children with chronic kidney disease', *Kidney International* 2024; vol.106(4), pp.736-748 [PMID: 38959996] <https://dx.doi.org/10.1016/j.kint.2024.05.031>
- Yeoh, D.K., Blyth, C.C., Clark, J.E., Abbotsford, J., Corrente, C., Cook, S., Kotecha, R.S., Wang, S.S., Spelman, T., Slavin, M.A., Thursky, K.A. and Haeusler, G.M.** [Murdoch Children's Research Institute; Children's Cancer Centre, Department of Infectious Diseases, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Invasive fungal disease and antifungal prophylaxis in children with acute leukaemia: a multicentre retrospective Australian cohort study', *Lancet Regional Health - Western Pacific* 2024; vol.52, article no. 101201 [PMID: 39318715] <https://dx.doi.org/10.1016/j.lanwpc.2024.101201>
- Yuan-Mou Yang, J., Cottier, R., Beare, R., Genc, S., Diadori, P., Ngo, A., Sahlas, E., Bernhardt, B.C., Arbour, G., Bouthillier, A., Hadjinicolaou, A. and Weil, A.G.** [Department of Neurosurgery, Neuroscience Advanced Clinical Imaging Service (NACIS), Royal Children's Hospital; Neuroscience Research, Developmental Imaging, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Advanced tractography-guided laser ablation of a perirolandic long-term epilepsy-associated tumor: illustrative case', *Journal of Neurosurgery. Case Lessons* 2024; vol.8(15), article no. CASE24139 [PMID: 39378521] <https://dx.doi.org/10.3171/case24139>
- Zhu, V.Z., Horton, M.B., Haeusler, G.M. and Yong, M.K.** [Department of Infectious Diseases, Royal Children's Hospital; Clinical Infections, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'The emergence of letermovir and maribavir drug-resistant mutations: from clinical trials to real-world studies', *Current Opinion in Infectious Diseases* 2024; Sep 30 [Epub ahead of print] [PMID: 39331647] <https://dx.doi.org/10.1097/qco.0000000000001065>
- Zhu, Y., Gao, Q., Zhang, J., Cheng, Y., Yang, S., Xu, R., Yuan, J., Novakovic, B., Netea, M.G. and Cheng, S.C.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Persistent bone marrow hemozoin accumulation confers a survival advantage against bacterial infection via cell-intrinsic Myd88 signaling', *Cell Reports* 2024; vol.43(10), article no. 114850 [PMID: 645499674] <https://dx.doi.org/10.1016/j.celrep.2024.114850>

[online]

[A Guide for developing a culture of caring through nursing peer mentorship programs: fostering success and resilience](#) / by Deborah Kramer. Springer, 2024



This book describes in detail how to develop successful programs of nursing mentorship, utilizing concepts of caring that yields a strong, caring body of nurses who will be “nurse thrivers” as they find fulfilment and meaning in their professional commitment and will train others to do the same. The mentorship program is the ticket to success that many students need to complete their degree program, prevent burnout, pass the nursing NCLEX examination, and remain in the workforce after graduation. The current attrition rate in baccalaureate nursing programs is 25-50%, as is the attrition rate in the first 2 years of employment of new RN's entering the workforce. Burnout is due to a lack of care and support for helping the students navigate the rigor and demands of the nursing program. Creating a community of learners with caring and support creates an environment that fosters academic engagement and success.

The unique aspect of this book is its focus on creating a caring environment to support the students; helping them develop caring skills, empathy, resilience and their own self-care; developing the skills for success beyond their educational process into the workforce. This book integrates all patterns of knowing - personal, aesthetic, empiric and ethical, and provides the missing link of peer mentorship necessary to the development of resilient, emancipated nursing students and graduates capable of working in community with others to establish cultures of care in health care. This is a must-have resource for transformation of nursing education in the next century!

[online]

[Conn's Current therapy 2024](#) / edited by Rick D. Kellerman ... [et al.] Elsevier, 2024



Conn's Current Therapy presents today's evidence-based information along with the personal experience and discernment of expert physicians. The 2024 edition is a helpful resource for a wide range of healthcare providers, including primary care physicians, subspecialists, and allied health professionals, providing current treatment information in a concise yet in-depth format.

Nearly 350 topics have been carefully reviewed and updated to bring you state-of-the-art content in even the most rapidly changing areas of medicine.

[online]

[Data science and artificial intelligence for digital healthcare: communications technologies for epidemic models](#) / edited by Pradeep Kumar Singh ... [et al.]. Springer, 2024



This book explores current research and development in the area of digital healthcare using recent technologies such as data science and artificial intelligence. The authors discuss how data science, AI, and mobile technologies provide the fundamental backbone to digital healthcare, presenting each technology separately as well covering integrated solutions.

The book also focuses on the integration of different multi-disciplinary approaches along with examples and case studies. In order to identify the challenges with security and privacy issues, relevant block chain technologies are identified and discussed. Social aspects related to digital solutions and platforms for healthcare are also discussed and analyzed. The book aims to present high quality, technical contributions in the field of mobile digital healthcare using technologies such as AI, deep learning, IoT and distributed cloud computing.

[online]

[First-trimester ultrasound: a comprehensive guide](#) / edited by Jacques S. Abramowicz, Ryan E. Longman. 2nd ed. Springer, 2023



This second edition includes basic examination guidelines as well as cutting-edge ultrasound modalities, including Doppler and three-dimensional ultrasound, for the period immediately preceding conception through early embryology. It begins with a discussion of the safety and efficacy of diagnostic ultrasound and the use of this modality for the evaluation and treatment of infertility. It then explores conditions that may interfere with normal conception or development, including maternal diseases that would benefit from early scanning, elements of teratology, multiple gestations, ectopic pregnancy, gestational trophoblastic disease, fetal anomalies and invasive procedures in the first trimester.

This edition includes seven new chapters focusing on the imaging of fetal development, including chapters on the first trimester fetal brain, genitourinary tract, and diagnosis of fetal genetic syndromes. Numerous illustrations, figures, and online videos serve as aides for understanding key concepts.

Library Update

[online]

[Global perspectives on children's health literacy: intersections between health, education and community](#) / edited by Rosie Nash, Vaughan Cruickshank, Shandell Elmer. Springer, 2024



This book examines global perspectives of health literacy development to explore the intersections between health, education, and community settings. International health literacy experts provide a collection of important insights and recommendations that are

urgently required to inform practice and policy. The impetus for this book is a growing recognition that a siloed approach to supporting health and health literacy exists in many countries. This book addresses a gap in the international literature by presenting solutions that promote ongoing collaboration across settings to redress inequity and optimize global health. The authors investigate the health literacy development of children and their communities within particular regions, exploring whether health literacy is addressed as a health, education or community issue.

[online]

[Pediatric lower limb deformities: principles and techniques of management](#) / edited by Sanjeev Sabharwal and Christopher A. Iobst. 2nd. Springer, 2024



This comprehensive and generously illustrated text highlights both general principles and specific strategies for managing the spectrum of pediatric lower limb deformities.

Part I covers general principles and techniques, including etiology, clinical evaluation, imaging as well as different surgical methods. Part II, covering related concepts and management options, discusses soft tissue contractures, amputations and working in austere and resource-challenged settings. Underlying conditions comprise Part III – specific metabolic, neuromuscular and tumor-related conditions, along with arthrogyposis, osteogenesis imperfecta and various skeletal dysplasias. Part IV presents congenital and developmental disorders, such as congenital femoral deficiency, hemimelias, tibial pseudoarthrosis and Blount disease, while Part V rounds out the book with chapters on sequelae related to different etiologies and their treatment.

Additionally, ten new chapters have been added, including some that are completely rewritten by different authors and other chapters that cover new themes such as patient reported outcome measures, setting up a limb deformity practice, pin site care and management of bone defects.

[online]

[Practical clinical research design and application: a primer for physicians, surgeons, and clinical healthcare professionals](#) / by Peter D. Fabricant. Springer, 2024



Existing research methodology texts are largely written by statisticians, epidemiologists, and other academic public health experts. These are not easily digestible by practicing clinicians who need practical knowledge of this content to design their own research or enhance their understanding of the medical literature. Furthermore, these texts are often too detailed or “in the weeds” with regard to mathematics and statistical mechanics. Practical knowledge is not centrally located; rather, it is spread out among multiple books, articles, and other sources.

This book is a concise, accessible, and practical guide for clinicians to read and reference when designing and reviewing clinical research. It is designed to be a standalone text, written “by a clinician, for clinicians” by a practicing clinical research expert who has had advanced formal training in research methodology, biostatistics, and epidemiology.

Topics covered include descriptive and comparative statistics, power and sample size calculations, diagnostic tests, bias, and study design. In each chapter, consideration is given to study mechanics, advantages and disadvantages of each design, and illustrative analytical reviews of existing literature.

[online]

[Threats to fetal, placental and myometrial oxygenation: a unified hemodynamic approach](#) / by Thomas L. Archer. Springer, 2024



This book presents the theory that positional obstruction of the inferior vena cava by the gravid uterus might contribute to the causation of preeclampsia, fetal growth restriction, preterm birth, dysfunctional labor and uterine atony. Investigating this possibility is timely, since non-invasive technology now exists which detects hemodynamically significant obstruction of the inferior vena cava in real time, by relying on the fact that such obstruction causes an immediate decrease in maternal cardiac output.

If further research shows that obstruction of uterine venous return at the inferior vena cava can cause maternal or fetal injury, systematic reduction of this obstruction during gestation might improve maternal and fetal outcomes.