

Richard Mills
Full Member
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Employment

Academic Status

College of Medicine and Public Health
Flinders University
2 Aug 2023 → 30 Jun 2026

Full Member

Flinders Health and Medical Research Institute
Flinders University
1 Jul 2019 → present

Research outputs

Delayed melatonin circadian timing, lower melatonin output and sleep disruptions in myopic, or short-sighted, children

Chakraborty, R., Seby, C., Scott, H., Tang, V., Kempes, E., Anstice, N., Jurs, E., Lovato, N., Taranath, D. A., Mills, R. & Lack, L., 12 Oct 2023, (E-pub ahead of print) In: SLEEP. 16 p.

No Strong Association between the Apolipoprotein E E4 Allele and Glaucoma: A Multicohort Study

Mullany, S., Diaz-Torres, S., Schmidt, J. M., Thomson, D., Qassim, A., Marshall, H. N., Knight, L. S. W., Berry, E. C., Kolovos, A., Dimasi, D., Lake, S., Mills, R. A., Landers, J., Mitchell, P., Healey, P. R., Commerford, T., Klebe, S., Souzeau, E., Hassall, M. M., MacGregor, S., & 3 othersGharahkhani, P., Siggs, O. M. & Craig, J. E., Sept 2023, In: Ophthalmology Science. 3, 3, 13 p., 100287.

High Polygenic Risk Is Associated with Earlier Initiation and Escalation of Treatment in Early Primary Open-Angle Glaucoma

Marshall, H. N., Mullany, S., Han, X., Qassim, A., He, W., Hassall, M. M., Schmidt, J., Thomson, D., Nguyen, T. T., Berry, E. C., Knight, L. S. W., Hollitt, G. L., Ridge, B., Schulz, A., Mills, R. A., Healey, P. R., Agar, A., Galanopoulos, A., Landers, J., Graham, S. L., & 5 othersHewitt, A. W., Casson, R. J., MacGregor, S., Siggs, O. M. & Craig, J. E., Aug 2023, In: Ophthalmology. 130, 8, p. 830-836 7 p.

Physical Activity Is Associated With Macular Thickness: A Multi-Cohort Observational Study

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Association Between Body Mass Index and Primary Open Angle Glaucoma in Three Cohorts

Marshall, H., Berry, E. C., Torres, S. D., Mullany, S., Schmidt, J., Thomson, D., Nguyen, T. T., Knight, L. S. W., Hollitt, G., Qassim, A., Kolovos, A., Ridge, B., Schulz, A., Lake, S., Mills, R. A., Agar, A., Galanopoulos, A., Landers, J., Healey, P. R., Graham, S. L., & 5 othersHewitt, A. W., Casson, R. J., MacGregor, S., Siggs, O. M. & Craig, J. E., Jan 2023, In: American Journal of Ophthalmology. 245, p. 126-133 8 p.

Diagnostic yield of candidate genes in an Australian corneal dystrophy cohort

Souzeau, E., Siggs, O. M., Mullany, S., Schmidt, J. M., Hassall, M. M., Dubowsky, A., Chappell, A., Breen, J., Bae, H., Nicholl, J., Hadler, J., Kearns, L. S., Staffieri, S. E., Hewitt, A. W., Mackey, D. A., Gupta, A., Burdon, K. P., Klebe, S., Craig, J. E. & Mills, R. A., Oct 2022, In: Molecular Genetics and Genomic Medicine. 10, 10, 15 p., e2023.

The APOE E4 allele is associated with faster rates of neuroretinal thinning in a prospective cohort study of suspect and early glaucoma

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The Australian corneal graft registry: 2021/22 report

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Genetic Risk of Cardiovascular Disease Is Associated with Macular Ganglion Cell–Inner Plexiform Layer Thinning in an Early Glaucoma Cohort

Marshall, H., Mullany, S., Han, X., Berry, E. C., Hassall, M. M., Qassim, A., Nguyen, T., Hollitt, G. L., Knight, L. S. W., Ridge, B., Schmidt, J., Crowley, C., Schulz, A., Mills, R. A., Agar, A., Galanopoulos, A., Landers, J., Healey, P. R., Graham, S. L., Hewitt, A. W., & 4 others Casson, R. J., MacGregor, S., Siggs, O. M. & Craig, J. E., Mar 2022, In: *Ophthalmology Science*. 2, 1, 12 p., 100108.

RNA Sequencing of Lens Capsular Epithelium Implicates Novel Pathways in Pseudoexfoliation Syndrome

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Differential gene expression analysis of corneal endothelium indicates involvement of phagocytic activity in Fuchs' endothelial corneal dystrophy

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IgG4-related Disease Presenting as Isolated Cicatrising Conjunctivitis

Cameron, C. A., Juniati, V., Mills, R. A. D., Hughes, T., Klebe, S. & Selva, D., May 2021, In: *Ophthalmic Plastic and Reconstructive Surgery*. 37, 3, p. E114-E117 4 p.

A multi-ethnic genome-wide association study implicates collagen matrix integrity and cell differentiation pathways in keratoconus

Hardcastle, A. J., Liskova, P., Bykhovskaya, Y., McComish, B. J., Davidson, A. E., Inglehearn, C. F., Li, X., Choquet, H., Habeeb, M., Lucas, S. E. M., Sahebjada, S., Pontikos, N., Lopez, K. E. R., Khawaja, A. P., Ali, M., Dudakova, L., Skalicka, P., Van Dooren, B. T. H., Geerards, A. J. M., Haudum, C. W., & 42 others Faro, V. L., Tenen, A., Simcoe, M. J., Patasova, K., Yarrand, D., Yin, J., Siddiqui, S., Rice, A., Farraj, L. A., Chen, Y. D. I., Rahi, J. S., Krauss, R. M., Theusch, E., Charlesworth, J. C., Szcotka-Flynn, L., Toomes, C., Meester-Smoor, M. A., Richardson, A. J., Mitchell, P. A., Taylor, K. D., Melles, R. B., Aldave, A. J., Mills, R. A., Cao, K., Chan, E., Daniell, M. D., Wang, J. J., Rotter, J. I., Hewitt, A. W., MacGregor, S., Klaver, C. C. W., Ramdas, W. D., Craig, J. E., Iyengar, S. K., O'Brart, D., Jorgenson, E., Baird, P. N., Rabinowitz, Y. S., Burdon, K. P., Hammond, C. J., Tuft, S. J. & Hysi, P. G., 1 Mar 2021, In: *Communications Biology*. 4, 13 p., 266.

Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries

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Association of Genetic Variation with Keratoconus

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Han, X., Souzeau, E., Ong, J. S., An, J., Siggs, O. M., Burdon, K. P., Best, S. J., Goldberg, I., Healey, P. R., Graham, S. L., Ruddle, J. B., Mills, R. A., Landers, J. A., Galanopoulos, A., White, A. J. R., Casson, R. J., Mackey, D. A., Hewitt, A. W., Gharahkhani, P., Craig, J. E., & 1 othersMacGregor, S., Jan 2019, In: *JAMA Ophthalmology*. 137, 1, p. 28-35 8 p.

Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases

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Genome-wide association study of intraocular pressure uncovers new pathways to glaucoma

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