

Richard Mills
Full Member
College of Medicine and Public Health
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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., Kemps, E., Anstice, N., Jurs, E., Lovato, N., Taranath, D. A., Mills, R. & Lack, L., 1 Jan 2024, In: SLEEP. 47, 1, 16 p., zsad265.

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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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 othersCasson, 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., Juniat, 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

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

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Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression

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Association of Genetic Variation with Keratoconus

McComish, B. J., Sahebjada, S., Bykhovskaya, Y., Willoughby, C. E., Richardson, A. J., Tenen, A., Charlesworth, J. C., MacGregor, S., Mitchell, P., Lucas, S. E. M., Mills, R. A., MacKey, D. A., Li, X., Wang, J. J., Jensen, R. A., Rotter, J. I., Taylor, K. D., Hewitt, A. W., Rabinowitz, Y. S., Baird, P. N., & 2 others Craig, J. E. & Burdon, K. P., Feb 2020, In: *JAMA Ophthalmology*. 138, 2, p. 174-181 8 p.

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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., Gharakhhani, P., Craig, J. E., & 1 others MacGregor, S., Jan 2019, In: *JAMA Ophthalmology*. 137, 1, p. 28-35 8 p.

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Novel protein constituents of pathological ocular pseudoexfoliation syndrome deposits identified with mass spectrometry

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