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Overview

Professor of Medical Genetics and Cancer Epidemiology, The University of Manchester
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Employment

Clinical Professor of Med Gen and Cancer

Academic (Teaching & Research) Clinical Professor
Division of Evolution, Infection and Genomics
The University of Manchester
11 Jul 2022 → present

Research outputs

Population based germline testing of BRCA1, BRCA2 and PALB2 in breast cancer patients in the UK: Evidence to support extended testing and definition of groups who may not require testing

Evans, D. G., Woodward, E. R., Burghel, G. J., Allen, S., Torr, B., Hamill, M., Kavanaugh, G., Hubank, M., Bremner, S., Jones, C. I., Schlecht, H., Astley, S., Bowers, S., Gibbons, S., Ruane, H., Fosbury, C., Howell, S. J., Forde, C., Lalloo, F., Newman, W. G., & 4 others Smith, M. J., Howell, A., Turnbull, C. & Gandhi, A., 25 Nov 2023, (E-pub ahead of print) In: *Genetics in Medicine Open*. 100849.

The TP53 c.455C>T p.(Pro152Leu) pathogenic variant is a lower risk allele with attenuated risks of breast cancer and sarcoma

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Prospective Lynch Syndrome Database (www.plsd.eu) and The European Hereditary Tumour Group (www.ehtg.org), 11 Oct 2023, In: *Hereditary cancer in clinical practice*. 21, 1, p. 19

Letter: Stereotactic Radiosurgery for Vestibular Schwannoma in Neurofibromatosis Type 2: An International Multicenter Case Series of Response and Malignant Transformation Risk

Hannan, C. J., McBain, C., Whitfield, G., Pathmanaban, O. N., Rutherford, S. A., Freeman, S. R., Lloyd, S. K., King, A. T. & Evans, D. G., 1 Oct 2023, In: *Neurosurgery*. 93, 4, p. e98-e99

Breast cancer polygenic risk scores derived in White European populations are not calibrated for women of Ashkenazi Jewish descent

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Optimization of polygenic risk scores in BRCA1/2 pathogenic variant heterozygotes in epithelial ovarian cancer

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What do women think about having received their breast cancer risk as part of a risk-stratified NHS Breast Screening Programme? A qualitative study

McWilliams, L., Ruane, H., Ulph, F., Woof, V. G., Harrison, F., Evans, D. G. & French, D. P., 10 Aug 2023, In: BJC. 129, p. 356–365 10 p.

A genome-wide gene-environment interaction study of breast cancer risk for women of European ancestry

CTS Consortium, 9 Aug 2023, In: Breast cancer research : BCR. 25, 1, p. 93

Consensus recommendations on counselling in Phelan-McDermid syndrome, with special attention to recurrence risk and to ring chromosome 22

European Phelan-McDermid syndrome consortium, Koza, S. A., Tabet, A. C., Bonaglia, M. C., Andres, S., Anderlid, B-M., Aten, E., Stiefsohn, D., Evans, D. G., van Ravenswaaij-Arts, C. M. A. & Kant, S. G., 1 Jul 2023, In: European journal of medical genetics. 66, 7, 104773.

Spectrum and frequency of germline FANCM protein-truncating variants in 44,803 European female breast cancer cases.

Figlioli, G., Billaud, A., Wang, Q., Bolla, M. K., Dennis, J., Lush, M., Kvist, A., Adank, M. A., Ahearn, T. U., Antonenkova, N. N., Auvinen, P., Behrens, S., Bermisheva, M., Bogdanova, N., Bojesen, S. E., Bonanni, B., Brüning, T., Camp, N., Campbell, A., Castela, J. E., & 60 others Cessna, M. H., Collaborators, NBCS., Czene, K., Devilee, P., Dörk, T., Eriksson, M., Fasching, P. A., Flyger, H., Gabrielson, M., Gago-Dominguez, M., Garcia-Closas, M., Glendon, G., Garcia, E. B. G., Gonzalez-Neira, A., Grassmann, F., Guénel, P., Hahnen, E., Ute, H., Hillemanns, P., Hooning, M. J., Hoppe, R., Howell, A., Humphreys, K., Investigators, KC., Jakubowska, A., Khusnutdinova, E. K., Kristensen, V. N., Lindblom, A., Loizidou, M., Lubiński, J., Mannermaa, A., Maurer, T., Mavroudis, D., Newman, W., Obi, N., Panagiotidis, M. I., Radice, P., Rashid, M. U., Rhenius, V., Ruebner, M., Saloustros, E., Sawyer, E. J., Schmutzler, R. K., Shah, M., Southey, M. C., Tomlinson, I., Truong, T., Veen, E. M. V., Wendt, C., Yang, X. R., Michailidou, K., Dunning, A. M., Pharoah, P., Easton, D. F., Andrulis, I. L., Evans, G., Hollestelle, A., Chang-Claude, J., Milne, R. L. & Peterlongo, P., 1 Jul 2023, In: Cancers. 15, 13, 3313.

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The comparable tumour microenvironment in sporadic and NF2-schwannomatosis vestibular schwannoma

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Association of the CHEK2 c.1100delC variant, radiotherapy, and systemic treatment with contralateral breast cancer risk and breast cancer-specific survival

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Data from Cancer Prevention with Resistant Starch in Lynch Syndrome Patients in the CAPP2-Randomized Placebo Controlled Trial: Planned 10-Year Follow-up

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Mathers, J. C., Elliott, F., Macrae, F., Mecklin, J-P., Möslin, G., McDonald, F. E., Bertario, L., Evans, D. G., Gerdes, A-M., Ho, J. W. C., Lindblom, A., Morrison, P. J., Rashbass, J., Ramesar, R. S., Seppälä, T. T., Thomas, H. J. W., Sheth, H. J., Pylvänäinen, K., Reed, L., Borthwick, G. M., & 2 othersBishop, D. T. & Burn, J., 3 Apr 2023

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Radiation treatment of benign tumours in NF2-related-schwannomatosis: a national study of 266 irradiated patients showing a significant increase in malignancy/malignant progression

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Increased Circulating Chemokines and Macrophage Recruitment in Growing Vestibular Schwannomas

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Association of the CHEK2 c.1100delC variant, radiotherapy, and systemic treatment with contralateral breast cancer risk and breast cancer-specific survival

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Updated protocol for genetic testing, screening, and clinical management of individuals at risk of NF2-related schwannomatosis

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The impact of coding germline variants on contralateral breast cancer risk and survival

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Is reflex germline BRCA1/2 testing necessary in women diagnosed with non-mucinous high-grade epithelial ovarian cancer aged 80 years or older?

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Evans, D. G. R., Lonsdale, R. N. & Patton, M. A., 1991, In: Clinical Genetics. 39, 3, p. 228-232 4 p.

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Activities

Journal of the National Cancer Institute (Journal)

Dafydd Evans (Assistant editor)

5 Jan 2018

Prizes

Sir Patrick Forrest Prize

Evans, Dafydd (Recipient), 30 Jan 2016

Sir Patrick Forrest Prize

Evans, Dafydd (Recipient), 29 Jan 2017

The Freiderich von Recklinghausen Award

Evans, Dafydd (Recipient), 15 Jun 2014

Theodor Schwann award

Evans, Dafydd (Recipient), 4 Nov 2018

Press/Media

COSMOPOLITAN: How it feels to discover you have the BRCA1 gene

Dafydd Evans

9/01/20

1 Media contribution

iNEWS: How personalised breast cancer screening could save lives and reduce unneeded mammograms

Anthony Howell & D Gareth Evans

2/11/18

1 Media contribution

ITV: Julia Bradbury: Breast Cancer and Me

Dafydd Evans

2/05/22

1 Media contribution

MAIL ONLINE: Are we on the verge of a CURE for cancer? This week, scientists announced major breakthroughs with vaccine hopes and a new drug - just two of the revolutionary treatments that give hope in our fight against the killer

Dafydd Evans

9/06/22
1 Media contribution

MAIL ONLINE: Cruellest twist of my mastectomy: Mother, 34, had preventative surgery after three women in her family developed cancer - but now she is so low risk the NHS won't test her daughters

Dafydd Evans
11/11/19
1 Media contribution

MAIL ONLINE: Risk of developing cancer from the 'Angelina Jolie gene' depends entirely on family history, major study finds

Dafydd Evans
20/06/17
1 item of Media coverage

MAIL ONLINE: Simple saliva test for breast cancer could save thousands of under-50s as breakthrough can spot women at a highest risk years earlier, study shows

Dafydd Evans
22/05/22
1 item of Media coverage

MAIL ONLINE: Why nearly 40% of cancers are only diagnosed when patients turn up at A&E: It's a shameful statistic - especially when many of them had repeatedly sought help from doctors but their condition was missed

Dafydd Evans & Gordon Jayson
11/04/22
1 Media contribution

Study improves accuracy of predictive breast cancer genetic test for Ashkenazi Jewish women

Dafydd Evans
4/07/23
1 Media contribution

THE TIMES: Saliva test 'could predict breast cancer risk'

Dafydd Evans
24/05/22
1 item of Media coverage

VARIOUS NATIONAL MEDIA: Annual screening detects breast cancers earlier for women aged 35-39 with a family history

D Gareth Evans
11/02/19
4 items of Media coverage

VARIOUS NATIONAL MEDIA: Gene test 'narrows down breast cancer risk'

Dafydd Evans
8/10/17 → 9/10/17
3 items of Media coverage

Awards

Projects

How Feasible and Acceptable is it to Recommend to Women at Low Risk of Breast Cancer that they Delay Further Screening?

French, D., Evans, D., Howell, T., Payne, K., Ulph, F. & Van Staa, T.
1/10/18 → 31/08/21

NIHR Biomedical Research Centre: Cancer Advanced Radiotherapy Theme.

West, C., Bristow, R., Bruce, I., Burnet, N., Choudhury, A., Evans, D., Faivre-Finn, C., Hoskin, P., Illidge, T., Kirkby, K., Kirkby, N., O'Connor, J. & Van Herk, M.
1/04/17 → 31/03/19

NIHR Biomedical Research Centre: Cancer Precision Medicine Theme.

Dive, C., Baena Chaparro, E., Blackhall, F., Bruce, I., Bundred, N., Carter, L., Clarke, R., Cook, N., Crosbie, P., Evans, D., Harris, J., Hawkins, R., Hussell, T., Illidge, T., Jayson, G., Jorgensen, C., Kirwan, C., Kostarelos, K., Krebs, M., Lorigan, P., Marais, R., Marshall, K., Metcalf, R., Payne, K., Radford, J., Somerville, T., Springer, C., Taylor, S., Thistlethwaite, F., Viros Usandizaga, A. & Zelenay, S.
1/04/17 → 31/03/19

NIHR Biomedical Research Centre: Cancer Prevention and Early Detection Theme.

Evans, D., Arden Armitage, C., Astley, S., Black, G., Bristow, R., Bruce, I., Crosbie, E., Crosbie, P., French, D., Harvie, M., Howell, S., Howell, T., Lorigan, P., Maxwell, A., McWilliams, L., Muir, K., Renehan, A., Smith, M., Smith, J., Whetton, A. & Woodward, E.
1/04/17 → 31/03/22

NIHR Biomedical Research Centre: Hearing Health Theme.

Munro, K., Arden Armitage, C., Bruce, I., Buchan, I., Conti-Ramsden, G., Dawes, P., Evans, D., Gaydecki, P., Kluk-De Kort, K., Lambon Ralph, M., Millman, R., Moore, D., Morton, C., Newman, W., Plack, C., Smith, J., Stone, M., Vijayaraghavan, A., Whetton, A. & Young, A.
1/04/17 → 31/03/22

NIHR Manchester Biomedical Research Centre

Bruce, I., Lord, G., Lennon, R., Black, G., Wedge, D., Morris, A., Hussell, T., Sharrocks, A., Stivaros, S., Buch, M., Gough, J., Kostarelos, K., Thistlethwaite, F., Kadler, K., Barton, A., Hyrich, K., Mcbeth, J., O'Neill, T., Vestbo, J., Simpson, A., Singh, S., Smith, J., Felton, T., Murray, C., Griffiths, C., Cullum, N., Rhodes, L., Warren, R., Paus, R., Dumville, J., Viros Usandizaga, A., Keavney, B., Tomaszewski, M., Allan, S., Body, R., Cartwright, E., Heagerty, A., Kalra, P., Miller, C., Rutter, M., Smith, C., Trafford, A., Evans, D., Crosbie, E., Crosbie, P., Harvie, M., Howell, S., Renehan, A., Dive, C., Blackhall, F., Landers, D., Krebs, M., Cook, N., Clarke, R., Taylor, S., Jorgensen, C., Lorigan, P., Jayson, G., Valle, J., McCabe, M., Armstrong, A., Freitas, A., Illidge, T., Choudhury, A., Hoskin, P., West, C., Van Herk, M., Faivre-Finn, C., Bristow, R., Kirkby, K., Birtle, A., Mackay, R., Radford, J., Linton, K., Higham, C., Munro, K., Plack, C., Arden Armitage, C., Bruce, I., Moore, D., Saunders, G., Stone, M., Haddock, G., Lewis, S., Elliott, R., Green, J., Lovell, K., Morrison, A., Shaw, J., Bucci, S., Ainsworth, J., Webb, R., Newman, W., Banka, S., Clayton-Smith, J., Payne, K., Moldovan, R., Wynn, R. & Jones, S.
1/12/22 → 30/11/27

Providing Breast Cancer Risk Information as Part of National Breast Cancer Screening Programme: Building an Evidence Base on Benefits and Harms to Inform a Decision to Implement.

Evans, D., Astley, S., French, D., Harvie, M., Howell, T., Maxwell, A., Payne, K., Ulph, F. & Van Staa, T.
1/08/17 → 30/06/22

Impacts

Testing women with endometrial (womb) cancer for Lynch syndrome reduces future cancer risk and save lives

Emma Crosbie (Corresponding participant), Dafydd Evans (Participant), Neil Ryan (Participant) & Ray McMahon (Participant)

The University of Manchester's role in establishing nationally funded forefront services for neurofibromatosis

Dafydd Evans (Participant), Richard Ramsden (Participant) & Susan Huson (Participant)