

Jadwiga Buchwald
Doctoral Researcher
Institute for Molecular Medicine Finland
Genetic Epidemiology
Doctoral Programme in Population Health
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Employment

Doctoral Researcher

Institute for Molecular Medicine Finland
University of Helsinki
Finland
1 Jan 2022 → present

Genetic Epidemiology

University of Helsinki
Finland
2 Jun 2014 → present

Doctoral Researcher, Doctoral Programme in Population Health

University of Helsinki
Finland
1 Jan 2016 → present

Research output

Genome-wide association meta-analysis of nicotine metabolism and cigarette consumption measures in smokers of European descent

Buchwald, J., Chenoweth, M. J., Palviainen, T., Zhu, G., Benner, C., Gordon, S., Korhonen, T., Ripatti, S., Madden, P. A. F., Lehtimäki, T., Raitakari, O. T., Salomaa, V., Rose, R. J., George, T. P., Lerman, C., Pirinen, M., Martin, N. G., Kaprio, J., Loukola, A. & Tyndale, R. F., Jun 2021, In: *Molecular Psychiatry*. 26, p. 2212–2223 12 p.

Predictive Association of Smoking with Depressive Symptoms: a Longitudinal Study of Adolescent Twins

Ranjit, A., Buchwald, J., Latvala, A., Heikkilä, K., Tuulio-Henriksson, A., Rose, R. J., Kaprio, J. & Korhonen, T., Oct 2019, In: *Prevention Science*. 20, 7, p. 1021-1030 10 p.

The Older Finnish Twin Cohort-45 Years of Follow-up

Kaprio, J., Bollepalli, S., Buchwald, J., Iso-Markku, P., Korhonen, T., Kovanen, V., Kujala, U., Laakkonen, E. K., Latvala, A., Leskinen, T., Lindgren, N., Ollikainen, M., Piirtola, M., Rantanen, T., Rinne, J., Rose, R. J., Sillanpää, E., Silventoinen, K., Sipilä, S., Viljanen, A. & 2 others, Vuoksima, E. & Waller, K., Aug 2019, In: *Twin Research and Human Genetics*. 22, 4, p. 240-254 15 p., 1832427419000549.

Testing the reciprocal association between smoking and depressive symptoms from adolescence to adulthood: A longitudinal twin study

Ranjit, A., Korhonen, T., Buchwald, J., Heikkilä, K., Tuulio-Henriksson, A., Rose, R. J., Kaprio, J. & Latvala, A., 1 Jul 2019, In: *Drug and Alcohol Dependence*. 200, p. 64-70 7 p.

Genome-wide association study in Finnish twins highlights the connection between nicotine addiction and neurotrophin signaling pathway

Hällfors, J., Palviainen, T., Surakka, I., Gupta, R., Buchwald, J., Raevuori, A., Ripatti, S., Korhonen, T., Jousilahti, P., Madden, P. A. F., Kaprio, J. & Loukola, A., May 2019, In: *Addiction Biology*. 24, 3, p. 549-561 13 p.

An epigenome-wide association study meta-analysis of educational attainment

Linner, R. K., Marioni, R. E., Rietveld, C. A., Simpkin, A. J., Davies, N. M., Watanabe, K., Armstrong, N., Auro, K., Baumbach, C., Bonder, M. J., Buchwald, J., Fririto, G., Ismail, K., Iurato, S., Joensuu, A., Karell, P., Kasela, S., Lahti, J., McRae, A. F., Mandaviya, P. R. & 51 others, Seppälä, I., Wang, Y., Baglietto, L., Binder, E. B., Harris, S., Hodge, A.M., Horvath, S., Hurme, M., Johannesson, M., Latvala, A., Mather, K. A., Medland, S. E., Metspalu, A., Milani, L., Milne, R. L., Pattie, A., Pedersen, N.L., Peters, A., Polidoro, S., Rääkkönen, K., Severi, G., Starr, J. M., Stolk, L., Waldenberger, M., Eriksson, J. G., Esko, T., Franke, L., Gieger, C., Giles, G., Hagg, S., Jousilahti, P., Kaprio, J., Kähönen, M., Lehtimäki, T., Martin, N. G., van Meurs, J. B., Ollikainen, M., Perola, M., Posthuma, D., Raitakari, O., Sachdev, P. S., Taskesen, E., Uitterlinden, A. G., Vineis, P., Wijmenga, C., Wright, M. J., Relton, C., Davey Smith, G., Deary, I.J., Koellinger, P. & Benjamin, D. J., 8 Dec 2017, In: *Molecular Psychiatry*. 22, 12, p. 1680-1690 11 p.

Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses

Okbay, A., Baselmans, B. M. L., De Neve, J.-E., Turley, P., Nivard, M. G., Fontana, M. A., Meddens, S. F. W., Linner, R. K., Rietveld, C. A., Derringer, J., Gratten, J., Lee, J. J., Liu, J. Z., de Vlaming, R., Ahluwalia, T. S., Buchwald, J., Cavadino, A., Frazier-Wood, A. C., Furlotte, N. A., Garfield, V. & 31 others, Geisel, M. H., Gonzalez, J. R., Haitjema, S., Karlsson, R., van der Laan, S. W., Ladwig, K.-H., Lahti, J., van der Lee, S. J., Lind, P. A., Liu, T., Matteson, L., Mihailov, E., Miller, M. B., Minica, C. C., Nolte, I. M., Mook-Kanamori, D., van der Most, P. J., Oldmeadow, C., Qian, Y., Raitakari, O., Rawal, R., Realo, A., Wedenoja, J., Gupta, R., Kajantie, E., Loukola, A., Pulkki-Raback, L., Eriksson, J. G., Kaprio, J., Keltikangas-Jarvinen, L. & LifeLines Cohort Study, Jun 2016, In: *Nature Genetics*. 48, 6, p. 624-+ 13 p.

A Genome-Wide Association Study of a Biomarker of Nicotine Metabolism

Loukola, A., Buchwald, J., Gupta, R., Palviainen, T., Hallfors, J., Tikkanen, E., Korhonen, T., Ollikainen, M., Sarin, A.-P., Ripatti, S., Lehtimäki, T., Raitakari, O., Salomaa, V., Rose, R. J., Tyndale, R. F. & Kaprio, J., Sep 2015, In: *PLoS Genetics*. 11, 9, 23 p., 1005498.

Tehokkaampaa järvien tilan arviointia lineaarisilla sekamalleilla

Buchwald, J., Järvinen, M., Silander, J., Raateland, A., Kettunen, J. & Lehtonen, R., 2015, In: *Vesitalous*. 2, 56, p. 25-29 5 p.

Activities

Valtakunnallinen tupakka- ja terveyspäivä

Jadwiga Buchwald (Attendee)
23 Jan 2019

American Society of Human Genetics Meeting 2018

Jadwiga Buchwald (Attendee)
16 Oct 2018 → 20 Oct 2018

American Society of Human Genetics (ASHG) (External organisation)

Jadwiga Buchwald (Member)
2018 → 2019

8th Annual Network Meeting of the Nordic EMBL Partnership for Molecular Medicine: Main Meeting

Jadwiga Buchwald (Member of organizing committee)
6 Sep 2017 → 7 Sep 2017

8th Annual Network Meeting of the Nordic EMBL Partnership for Molecular Medicine: Young Investigator Meeting (YIM)

Jadwiga Buchwald (Chair of organizing committee)
4 Sep 2017 → 5 Sep 2017

31st European Meeting of Statisticians

Jadwiga Buchwald (Member of organizing committee)
24 Jul 2017 → 28 Jul 2017

Finnish Statistical Society (External organisation)

Jadwiga Buchwald (Member)

2017 → ...

VII Valtakunnallinen Tupakka ja terveysterveys -päivä

Jadwiga Buchwald (Speaker: Presenter)

29 Nov 2016

VII Valtakunnallinen Tupakka ja terveysterveys -päivä

Jadwiga Buchwald (Poster Presentation)

29 Nov 2016

7th FIMM Annual Poster Session

Jadwiga Buchwald (Poster Presentation)

15 Nov 2016

SRNT Europe 2016 17th Annual Conference

Jadwiga Buchwald (Speaker: Presenter)

7 Sep 2016 → 10 Sep 2016

FIMM Meets Pharma

Jadwiga Buchwald (Poster Presentation)

22 Aug 2016

XIV Conferment Ceremony of the Department of Social Sciences

Jadwiga Buchwald (Invited speaker)

26 May 2016 → 28 May 2016

Society for Research on Nicotine and Tobacco (SRNT) (External organisation)

Jadwiga Buchwald (Member)

Apr 2016 → Dec 2016

Nordic Summer School in Cancer Epidemiology

Jadwiga Buchwald (Attendee)

17 Aug 2015 → 31 Jan 2016