

CURRICULUM VITAE

Daniela Seminara, Ph.D., M.P.H.
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DISCIPLINES: Epidemiology, Genomics, Biological Sciences and Public Health.

SUMMARY

- Over 20 years of experience in leading the planning, implementation, scientific oversight, management and coordination of large, interdisciplinary research programs in fast-paced areas of research.
- Training and expertise in epidemiologic design, health sciences methods and genomics techniques.
- Oversight, monitoring and evaluation of large, population-based and clinical cohorts and biobanks.
- Creative, independent, goal-oriented work style, with recognized leadership in fostering, establishing and coordinating interdisciplinary projects and initiatives in the genetic and genomics epidemiology of cancer at the national and international level.
- Demonstrated skills and experience in fostering teamwork across a variety of scientific, executive and lay audiences for over sixty large national and international interdisciplinary consortia.
- Highly experienced in coordinating and supervising the activities of professional staff and in productively interacting with peer senior scientists, administrators and lay public representatives.

CURRENT RESEARCH INTERESTS

- Genetic and genomic epidemiology of cancer and complex diseases
- Application of new 'omic technologies to population and familial studies
- Molecular characterization of genetically susceptible populations
- Translational genomics
- Mobile health approaches to population-based studies
- Ethical issues and data sharing in collaborative research
- Planning, implementation and evaluation of cohorts and biobanks-related initiatives
- Integrative epidemiology and "big data" science

EDUCATION

- 1994 - MPH Interdisciplinary (Epidemiology and Public Policy), University of California at Berkeley
- 1979 - PhD (Specialization Degree), Cellular Physiology and Pathology, Catholic University School of Medicine, Rome, Italy
- 1975 - Laurea (M.S.), Molecular Biology, La Sapienza University, Rome, Italy
- 1971 - Baccalaureate, Liceo Dante Alighieri, Rome, Italy

PROFESSIONAL EXPERIENCE

- 2015 to present - Senior Advisor, Office of the Director, Division of Cancer Control and Population Sciences (DCCPS), National Cancer Institute (NCI), National Institutes of Health (NIH) - Establishes strategic research goals, coordinates research activities and provides scientific recommendations for high priority strategic goals on behalf of the Office of the Director, DCCPS, in support of NCI.
- 2014 to 2015 - Consulting Professor, Stanford Cancer Institute, Stanford University - Consults with and advises the leadership of the Cancer Prevention Institute of California on the integration of Population Sciences activities with other SCI programs. Provides advice to the Director of the Stanford Center for Population Health Sciences. Scientific and strategic consultation for the Associate Director for Population Sciences, Stanford Cancer Institute, included projects focusing on cancer survivorship (breast cancer), early detection of cancer-related pathogens through innovative molecular technology, use of familial cancer registries for multi-level, integrative genomic analyses, and collaboration with the International Cutaneous Lymphoma consortium for the creation of a predictive score.

Scientific leadership in individual projects included a project focusing on the genomic of cancer resilience, a project on world-wide cohorts mapping (in collaboration with the Metrics Center at Stanford and NIH), and consultation with the Stanford Center for Expanded Data Annotation and Retrieval for the integration of multi-level cancer meta-data in their developing software-supported ecosystem.

- 2009 to 2015 - Senior Scientist and Cohorts and Consortia Coordinator, Epidemiology and Genomics Program (EGRP), NCI, NIH - Provides oversight and leadership for the scientific coordination, design, implementation, and evaluation of the large epidemiology consortia and cohorts-related programs supported by NCI. Provides guidance on the scientific and administrative management of such programs to the Cohorts and Consortia Team, other EGRP, DCCPS, NCI and NIH Staff. Functions as scientific liaison with similar programs/initiatives in other DCCPS programs, NCI Divisions and NIH Institutes. Served as spokesperson in matters related to cohorts and consortia with extramural investigators and agency decision makers at the national and international level. Identified scientific areas addressable by consortia and cohorts “team science” and identified gaps in the current scientific portfolio for strategic planning. Works closely and in a position of scientific and programmatic leadership with extramural and intramural scientists in USA and across the world and program staff involved in population-based research. Leads the planning and implementation of high-priority initiatives in the area of competence.
- 2010 to 2015 - Senior Program Officer, Genetic Associations and Mechanisms in Oncology (GAME-ON), NCI, NIH - <http://epi.grants.cancer.gov/gameon/>
- 2013-2015 - Scientific Liaison, The OncoArray Network, NCI, NIH - <http://epi.grants.cancer.gov/oncoarray/>
- 1998 to 2009 - Senior Program Officer, Familial Cancer Consortia and Genomic Epidemiology, and Program Officer, Breast and Colon Cancer Family Registries, DCCPS, NCI, NIH - <http://epi.grants.cancer.gov/CFR/>
- 1991 to 2008 - Senior Program Director for Genetic Epidemiology and Cancer and HIV/AIDS, NCI, NIH
- 1989 to 1990 - Deputy Director and Senior Scientific Consultant, Division of AIDS, National Institute of Mental Health (NIMH), NIH
- 1987 to 1989 - Visiting Scientist, Program Director for Basic Sciences and AIDS Coordinator, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
- 1983 to 1987 - Research Assistant Professor, Department of Anatomy, Howard University School of Medicine and Guest Scientist, Diabetes Branch, National Institute of Diabetes and Digestive Diseases (NIDDD), NIH
- 1979 to 1982 - Visiting Fellow, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases (NIADDK) and National Institute of Neurologic and Communicative Disorders and Stroke (NINCDS), NIH
- 1979 to 1982 - Associate Professor, Department of Pediatrics, and Associate Director, Center for the Study of Inborn Metabolic Diseases, Department of Pediatrics, Catholic University Medical School, Rome, Italy
- 1977 to 1979 - Assistant Professor, Department of Pediatrics, Catholic University Medical School Rome, Italy
- 1976 to 1977 - Post-Doctoral Fellow, Department of Human Genetics, Catholic University Medical School, Rome, Italy

SELECTED AWARDS, SCHOLARSHIPS AND HONORS:

- 2013 - NCI Director Merit Award for "Outstanding and Sustained Scientific and Managerial Leadership of the NCI Cohorts Consortium"
- 2010 - NIH Senior Leadership Course Award
- 2008 - NIH Director's Award "In Recognition of Outstanding Teamwork, Skills and Dedication in the Development of the Landmark NIH GWAS Data Sharing Policy"
- 1996 - NCI Director Merit Award "In Recognition of Vision, Creativity, Persistence and Dedication in the Development and Management of a New Extramural Program in the Genetic Epidemiology of Cancer"
- 1992 - NIH Performance Award for "Sustained Overall High Quality Performance"
- 1988 - Superior Performance Award "For Outstanding Performance in the Administration, Management and Implementation of the NIAAA AIDS Program"
- 1985 and 1987 - E. Clarence Rice Fellow Award, American Diabetes Association, Washington Chapter, Washington DC
- 1979 to 1981 - Fogarty Visiting Fellow Award, Fogarty International Program, Bethesda, MD

- 1979 - Summa Cum Laude, Specialization Degree in Cellular Physiology and Pathology
- 1975 - Summa Cum Laude, Laurea (MS) in Molecular Biology

COMMITTEE AND BOARD MEMBERSHIP

- 2016 - NIH Scientific Interest Group- Genetics of Prevention
- 2012 to present - Next-Generation Sequencing Advisory Committee, Genetics and Epidemiology of Colorectal Cancer Consortium (GECCO)
- 2014 to 2015 - Data Metrics Working Group, Meta research Innovation Center, Stanford University
- 2014 to 2015 – Cutaneous Lymphoma International Consortium Advisory Committee
- 2012 to 2014 - NCI Center for Global Health Regional Committee – Europe
- 2010 to 2015 – Genetics Associations and Mechanisms in Oncology (GAME-ON) Steering Committee
- 2012 to 2015 - NCI Liaison, OncoArray International Consortium
- 2009 to 2015 - Radiogenomic Consortium Coordinating Committee
- 2007 to 2015- Cohort Consortium Secretariat
- 2013 to 2014 - Trans-NIH Cohorts Coordination Committee
- 1996 to 2015 - International Consortium on Prostate Cancer Genetics (ICPCG) Steering Committee
- 2009 to 2013 - Trans-NIH Center for Inherited Diseases Research (CIDR) Board of Governors
- 2010 to 2012 - Trans-NCI Extramural Awareness Group
- 2007 to 2009 - Biorepositories Coordinating Committee, Office of Biorepositories and Biospecimen Research, NCI, NIH
- 2007 to 2010 - Cross-Studies Integration and Publication Committee, Gene Environment Association Study (GENEVA), NIH
- 1996 to 2009 - Breast and Colorectal Cancer Family Registries (BC-CFR) Steering Committees
- 2001 to 2002 - International Genetic Epidemiology Society Education Committee
- 2001 to 2002 - Consultant, DOD Resource Repository Committee
- 2001 to 2002 - CDC Interagency Working Group on Family History as a Tool for Public Health and Preventive Medicine

SELECTED MEETINGS ORGANIZED OR CHAIRED

- 2014 - Workshop on Novel Approaches and Challenges to Data Harmonization, Bethesda, MD
- 2014 - From Association to Function: The Path to Causality, Bethesda, MD
- 2013 - Workshop on Pancreatitis, Pancreas Cancer and Diabetes, Bethesda, MD
- 2013 - Making Sense of the Sequence, Bethesda MD
- 2013 - Cohort Consortium Symposium: When Bigger is Better: Combining and Designing Cohorts for Power, Bethesda, MD
- 2012 - Trans-NIH TEAG Workshop on Cancer Co-Morbidities, Bethesda MD
- 2012 - NCI Gene-Environment Think-Thank, Bethesda, MD
- 2011 - Utilizing Data from Cancer Patient & Survivor Studies: Understanding the Current State of Knowledge and Developing Future Research Priorities, Bethesda, MD
- 2010 and 2012 - Cancer Consortia Seminar Series, Bethesda MD
- 2006 - Cancer Risk Prediction Models: A Workshop on Development, Evaluation, and Application, Bethesda, MD

SELECTED INVITED LECTURES/PRESENTATIONS

- 2015 - Collaborative Epidemiology Research: Examples from Cancer Consortia, Department of Human Genetics, University of California at San Francisco
- 2014 - The role of Cohorts and Consortia in Collaborative Research, Asian Cohorts Consortium Meeting, Shanghai, China
- 2013 - The Human Variome Project and NCI: Future Collaborations, Data Collection and Genetic Libraries. 12th OESO World Congress-Cancers of the Esophagus, Paris, France
- 2013 - Infrastructures and Initiative to Support Cancer Epidemiology Cohorts. Cohort Consortium Symposium, Bethesda, MD

- 2013 - Nurturing the Interface of Citizen Science. Panelist at the "SAGE Bionetwork Commons Congress" San Francisco, CA
- 2012 - Role of Global NCI Cancer Epidemiology Consortia in Prostate Cancer Control Among Black Men. "The Science of Global Prostate Cancer Disparities in Black Men", Nassau, Bahamas
- 2012 - Cohorts Promises and Challenges: The Cancer Cohorts. Canadian Cancer Research Conference, Toronto, CA
- 2012 - The Model of the Cancer Post Genome-Wide Initiative. DCCPS Retreat on Large Initiatives, Bethesda, MD
- 2010 - The Evolution of Epidemiologic Cohorts in the Study of Natural History of Cancer and Other Diseases. "Trends in 21st Century Epidemiology: From Scientific Discoveries to Population Health Impact" Bethesda, MD
- 2009 - How Can Networks and Consortia Be Used for Risk Prediction? HuGENet Workshop on "Strengthening the Reporting of Genetic Risk Prediction Studies (GRIPS)" Atlanta, GA
- 2009 - Implications for current evaluation programs. IARC-NCI-HuGENet meeting on "Knowledge synthesis in gene-environment interaction in cancer" Lyon, France
- 2008 - Genomics in the (cancer) GWAS era: what's new for translation?"Personal Health Genomics Working Group" seminar series, Bethesda, MD
- 2008 - The EGRP cancer research portfolio: an update. "Genetic Epidemiology of Melanoma Consortium" Meeting, Paris, France.
- 2008 - Cancer genetic epidemiology consortia: a powerful tool for epidemiology research. "Brain Tumors Epidemiology Consortium" Meeting, Heidelberg, Germany.
- 2008 - Genome-wide association studies of cancer: recent results and future directions. "Evaluating the Impact of scientific findings in the age of GWAS" Workshop, American College of Epidemiology Meeting, Santa Fe, NM
- 2008 - The Gene Environment NIH Initiative and NCI. DCCPS plenary meeting, Bethesda, MD
- 2008 - Special Populations Infrastructures and Research in the Breast and Colon Cancer Family Registries: An Overview. DCCPS HDIG working group, Bethesda, MD
- 2005 - Building and Maintaining Cancer Epidemiology Consortia at the "HuGENet Network of Networks Workshop" Cambridge, England

OTHER SCHOLARLY ACTIVITIES

Research Initiatives' Leadership

- 2013 to 2015– The OncoArray International Consortium
- 2002 to 2015- Cancer Epidemiology Consortia Network, NCI
- 2013 to 2015- Data Harmonization across Cancer Epidemiology Cohorts
- 2009 to 2015- Genetic Associations and Mechanisms in Oncology (GAME-ON): A Network of Consortia for Post-Genome Wide Association (Post-GWA) Research
- 2011 to 2015- Consortia Scientific Meetings Support Program
- 2010 to 2015- Core Infrastructure and Methodological Research for Cancer Epidemiology Cohorts
- 1998 to 2009 - Informatics Center for Breast and Colon Cancer familial registries
- 1998 to 2009 - Cooperative Family Registry for Epidemiologic Studies of Colon Cancer
- 1998 to 2003 - Interdisciplinary Training in Genetic Epidemiology of Cancer
- 1996 to 2009 - Cooperative Family Registry for Epidemiologic Studies of Breast Cancer
- 1994 to 2004 - Interdisciplinary Collaborative Studies in the Genetic Epidemiology of Cancer

Recent Consultations

- 2014 to 2015 - Consulting Professor, Stanford Cancer Institute, Stanford University.
- 2000 to 2015 – Scientific, managerial and programmatic advice and consultation for over 60 large consortia and numerous cohorts' studies worldwide.

SELECTED PUBLICATIONS

Gong J, Hutter CM, Newcomb PA, Ulrich CM, Bien SA, Campbell PT, Baron JA, Berndt SI, Bezieau S, Brenner H, Casey G, Chan AT, Chang-Claude J, Du M, Duggan D, Figueiredo JC, Gallinger S, Giovannucci EL, Haile RW, Harrison TA, Hayes RB, Hoffmeister M, Hopper JL, Hudson TJ, Jeon J, Jenkins MA, Kocarnik J, Küry S, Le Marchand L, Lin Y, Lindor NM, Nishihara R, Ogino S, Potter JD, Rudolph A, Schoen RE, Schrotz-King P, **Seminara D**, Slattery ML, Thibodeau SN, Thornquist M, Toth R, Wallace R, White E, Jiao S, Lemire M, Hsu L, Peters U; CCFR and GECCO.. Genome-Wide Interaction Analyses between Genetic Variants and Alcohol Consumption and Smoking for Risk of Colorectal Cancer. *PLoS Genet.* 2016 Oct 10;12(10):e1006296. doi: 10.1371/journal.pgen.1006296. PubMed PMID: 27723779; PubMed Central PMCID: PMC5065124.

Amos CI, Dennis J, Wang Z, Byun J, Schumacher FR, Gayther SA, Casey G, Hunter DJ, Sellers TA, Gruber SB, Dunning AM, Michailidou K, Fachal L, Doheny K, Spurdle AB, Li Y, Xiao X, Romm J, Pugh E, Coetzee GA, Hazelett DJ, Bojesen SE, Caga-Anan C, Haiman CA, Kamal A, Luccarini C, Tessier D, Vincent D, Bacot F, Van Den Berg DJ, Nelson S, Demetriades S, Goldgar DE, Couch FJ, Forman JL, Giles GG, Conti DV, Bickeböller H, Risch A, Waldenberger M, Bröske-Hohlfeld I, Hicks BD, Ling H, McGuffog L, Lee A, Kuchenbaecker K, Soucy P, Manj J, Cunningham JM, Butterbach K, Kote-Jarai Z, Kraft P, FitzGerald L, Lindstrom S, Adams M, McKay JD, Phelan CM, Benlloch S, Kelemen LE, Brennan P, Riggan M, O'Mara TA, Shen H, Shi YY, Thompson DJ, Goodman MT, Nielsen SF, Berchuck A, Laboissiere S, Schmit SL, Shelford T, Edlund CK, Taylor JA, Field JK, Park SK, Offit K, Thomassen M, Schmutzler R, Ottini L, Hung RJ, Marchini J, Amin Al Olama A, Peters U, Eeles RA, Seldin MF, Gillanders E, **Seminara D**, Antoniou AC, Pharoah PD, Chenevix-Trench G, Chanock SJ, Simard J, Easton DF. *The OncoArray Consortium: a Network for Understanding the Genetic Architecture of Common Cancers.* *Cancer Epidemiol Biomarkers Prev.* 2016 Oct 3. pii: cebp.0106.2016. PubMed PMID: 27697780.

Kennedy AE, Khoury MJ, Ioannidis JP, Brotzman M, Miller A, Lane C, Lai GY, Rogers SD, Harvey C, Elena JW, **Seminara D.** *The Cancer Epidemiology Descriptive Cohort Database: A Tool to Support Population-Based Interdisciplinary Research.* *Cancer Epidemiol Biomarkers Prev.* 2016 Oct;25(10):1392-1401. PubMed PMID: 27439404.

Du M, Jiao S, Bien SA, Gala M, Abecasis G, Bezieau S, Brenner H, Butterbach K, Caan BJ, Carlson CS, Casey G, Chang-Claude J, Conti DV, Curtis KR, Duggan D, Gallinger S, Haile RW, Harrison TA, Hayes RB, Hoffmeister M, Hopper JL, Hudson TJ, Jenkins MA, Küry S, Le Marchand L, Leal SM, Newcomb PA, Nickerson DA, Potter JD, Schoen RE, Schumacher FR, **Seminara D**, Slattery ML, Hsu L, Chan AT, White E, Berndt SI, Peters U. *Fine-Mapping of Common Genetic Variants Associated with Colorectal Tumor Risk Identified Potential Functional Variants.* *PLoS One.* 2016 Jul 5;11(7):e0157521. doi: 10.1371/journal.pone.0157521. eCollection 2016. PubMed PMID: 27379672; PubMed Central PMCID: PMC4933364.

Qian DC, Han Y, Byun J, Shin HR, Hung RJ, McLaughlin JR, Landi MT, **Seminara D**, Amos CI. *A Novel Pathway-Based Approach Improves Lung Cancer Risk Prediction Using Germline Genetic Variations.* *Cancer Epidemiol Biomarkers Prev.* 2016 Aug;25(8):1208-15. doi: 10.1158/1055-9965.EPI-15-1318. Epub 2016 May 24. PubMed PMID: 27222311.

Fehringer G, Kraft P, Pharoah PD, Eeles RA, Chatterjee N, Schumacher FR, Schildkraut JM, Lindström S, Brennan P, Bickeböller H, Houlston RS, Landi MT, Caporaso N, Risch A, Amin Al Olama A, Berndt SI, Giovannucci EL, Grönberg H, Kote-Jarai Z, Ma J, Muir K, Stampfer MJ, Stevens VL, Wiklund F, Willett WC, Goode EL, Permuth JB, Risch HA, Reid BM, Bezieau S, Brenner H, Chan AT, Chang-Claude J, Hudson TJ, Kocarnik JK, Newcomb PA, Schoen RE,

Slattery ML, White E, Adank MA, Ahsan H, Aittomäki K, Baglietto L, Blomquist C, Canzian F, Czene K, Dos-Santos-Silva I, Eliassen AH, Figueroa JD, Flesch-Janys D, Fletcher O, Garcia-Closas M, Gaudet MM, Johnson N, Hall P, Hazra A, Hein R, Hofman A, Hopper JL, Irwanto A, Johansson M, Kaaks R, Kibriya MG, Lichtner P, Liu J, Lund E, Makalic E, Meindl A, Müller-Myhsok B, Muranen TA, Nevanlinna H, Peeters PH, Peto J, Prentice RL, Rahman N, Sanchez MJ, Schmidt DF, Schmutzler RK, Southey MC, Tamimi R, Travis RC, Turnbull C, Uitterlinden AG, Wang Z, Whittemore AS, Yang XR, Zheng W, Buchanan DD, Casey G, Conti DV, Edlund CK, Gallinger S, Haile RW, Jenkins M, Le Marchand L, Li L, Lindor NM, Schmit SL, Thibodeau SN, Woods MO, Rafnar T, Gudmundsson J, Stacey SN, Stefansson K, Sulem P, Chen YA, Tyrer JP, Christiani DC, Wei Y, Shen H, Hu Z, Shu XO, Shiraishi K, Takahashi A, Bossé Y, Obeidat M, Nickle D, Timens W, Freedman ML, Li Q, **Seminara D**, Chanock SJ, Gong J, Peters U, Gruber SB, Amos CI, Sellers TA, Easton DF, Hunter DJ, Haiman CA, Henderson BE, Hung RJ; Ovarian Cancer Association Consortium (OCAC); PRACTICAL Consortium; Hereditary Breast and Ovarian Cancer Research Group Netherlands (HEBON); Colorectal Transdisciplinary (CORECT) Study; African American Breast Cancer Consortium (AABC) and African Ancestry Prostate Cancer Consortium (AAPC). *Cross-Cancer Genome-Wide Analysis of Lung, Ovary, Breast, Prostate, and Colorectal Cancer Reveals Novel Pleiotropic Associations*. *Cancer Res.* 2016 Sep 1;76(17):5103-14. doi: 10.1158/0008-5472.CAN-15-2980. Epub 2016 Apr 20. PubMed PMID: 27197191; PubMed Central PMCID: PMC5010493.

Phipps AI, Passarelli MN, Chan AT, Harrison TA, Jeon J, Hutter CM, Berndt SI, Brenner H, Caan BJ, Campbell PT, Chang-Claude J, Chanock SJ, Cheadle JP, Curtis KR, Duggan D, Fisher D, Fuchs CS, Gala M, Giovannucci EL, Hayes RB, Hoffmeister M, Hsu L, Jacobs EJ, Jansen L, Kaplan R, Kap EJ, Maughan TS, Potter JD, Schoen RE, **Seminara D**, Slattery ML, West H, White E, Peters U, Newcomb PA. *Common genetic variation and survival after colorectal cancer diagnosis: a genome-wide analysis*. *Carcinogenesis*. 2016 Jan;37(1):87-95. doi: 10.1093/carcin/bgv161. Epub 2015 Nov 19. PubMed PMID: 26586795; PubMed Central PMCID: PMC4715234.

Garcia-Albeniz X, Rudolph A, Hutter C, White E, Lin Y, Rosse SA, Figueiredo JC, Harrison TA, Jiao S, Brenner H, Casey G, Hudson TJ, Thornquist M, Le Marchand L, Potter J, Slattery ML, Zanke B, Baron JA, Caan BJ, Chanock SJ, Berndt SI, Stelling D, Fuchs CS, Hoffmeister M, Butterbach K, Du M, James Gauderman W, Gunter MJ, Lemire M, Ogino S, Lin J, Hayes RB, Haile RW, Schoen RE, Warnick GS, Jenkins MA, Thibodeau SN, Schumacher FR, Lindor NM, Kolonel LN, Hopper JL, Gong J, **Seminara D**, Pflugeisen BM, Ulrich CM, Qu C, Duggan D, Cotterchio M, Campbell PT, Carlson CS, Newcomb PA, Giovannucci E, Hsu L, Chan AT, Peters U, Chang-Claude J. *CYP24A1 variant modifies the association between use of oestrogen plus progestogen therapy and colorectal cancer risk*. *Br J Cancer*. 2016 Jan 19;114(2):221-9. doi: 10.1038/bjc.2015.443. Epub 2016 Jan 14. PubMed PMID: 26766742.

Lemire M, Qu C, Loo LW, Zaidi SH, Wang H, Berndt SI, Bézieau S, Brenner H, Campbell PT, Chan AT, Chang-Claude J, Du M, Edlund CK, Gallinger S, Haile RW, Harrison TA, Hoffmeister M, Hopper JL, Hou L, Hsu L, Jacobs EJ, Jenkins MA, Jeon J, Küry S, Li L, Lindor NM, Newcomb PA, Potter JD, Rennert G, Rudolph A, Schoen RE, Schumacher FR, **Seminara D**, Severi G, Slattery ML, White E, Woods MO, Cotterchio M, Le Marchand L, Casey G, Gruber SB, Peters U, Hudson TJ. *A genome-wide association study for colorectal cancer identifies a risk locus in 14q23.1*. *Hum Genet*. 2015 Nov;134(11-12):1249-62. doi: 10.1007/s00439-015-1598-6. Epub 2015 Sep 24. PubMed PMID: 26404086; PubMed Central PMCID: PMC4687971.

Zhang B, Shu XO, Delahanty RJ, Zeng C, Michailidou K, Bolla MK, Wang Q, Dennis J, Wen W, Long J, Li C, Dunning AM, Chang-Claude J, Shah M, Perkins BJ, Czene K, Darabi H, Eriksson M, Bojesen SE, Nordestgaard BG, Nielsen SF, Flyger H, Lambrechts D, Neven P, Wildiers H, Floris G, Schmidt MK, Rookus MA, van den Hurk K, de Kort WL, Couch FJ, Olson JE, Hallberg E, Vachon C, Rudolph A, Seibold P, Flesch-Janys D, Peto J, Dos-Santos-Silva I, Fletcher O, Johnson N, Nevanlinna H, Muranen TA, Aittomäki K, Blomqvist C, Li J,

Humphreys K, Brand J, Guénel P, Truong T, Cordina-Duverger E, Menegaux F, Burwinkel B, Marme F, Yang R, Surowy H, Benitez J, Zamora MP, Perez JI, Cox A, Cross SS, Reed MW, Andrulis IL, Knight JA, Glendon G, Tchatchou S, Sawyer EJ, Tomlinson I, Kerin MJ, Miller N, Chenevix-Trench G; kConFab Investigators, Australian Ovarian Study Group, Haiman CA, Henderson BE, Schumacher F, Marchand LL, Lindblom A, Margolin S, Hooning MJ, Martens JW, Tilanus-Linthorst MM, Collée JM, Hopper JL, Southey MC, Tsimiklis H, Apicella C, Slager S, Toland AE, Ambrosone CB, Yannoukakos D, Giles GG, Milne RL, McLean C, Fasching PA, Haeberle L, Ekici AB, Beckmann MW, Brenner H, Dieffenbach AK, Arndt V, Stegmaier C, Swerdlow AJ, Ashworth A, Orr N, Jones M, Figueroa J, Garcia-Closas M, Brinton L, Lissowska J, Dumont M, Winqvist R, Pylkäs K, Jukkola-Vuorinen A, Grip M, Brauch H, Brüning T, Ko YD, Peterlongo P, Manoukian S, Bonanni B, Radice P, Bogdanova N, Antonenkova N, Dörk T, Mannermaa A, Kataja V, Kosma VM, Hartikainen JM, Devilee P, Seynaeve C, Van Asperen CJ, Jakubowska A, Lubiński J, Jaworska-Bieniek K, Durda K, Hamann U, Torres D, Schmutzler RK, Neuhausen SL, Anton-Culver H, Kristensen VN, Grenaker Alnæs GI; DRIVE Project, Pierce BL, Kraft P, Peters U, Lindstrom S, **Seminara D**, Burgess S, Ahsan H, Whittemore AS, John EM, Gammon MD, Malone KE, Tessier DC, Vincent D, Bacot F, Luccarini C, Baynes C, Ahmed S, Maranian M, Healey CS, González-Neira A, Pita G, Alonso MR, Álvarez N, Herrero D, Pharoah PD, Simard J, Hall P, Hunter DJ, Easton DF, Zheng W. Height and Breast Cancer Risk: *Evidence From Prospective Studies and Mendelian Randomization*. *J Natl Cancer Inst*. 2015 Aug 20;107(11). pii: djv219. doi: 10.1093/jnci/djv219. Print 2015 Nov. PubMed PMID: 26296642; PubMed Central PMCID: PMC4643630.

Schumacher FR, Schmit SL, Jiao S, Edlund CK, Wang H, Zhang B, Hsu L, Huang SC, Fischer CP, Harju JF, Idos GE, Lejbkowitz F, Manion FJ, McDonnell K, McNeil CE, Melas M, Rennert HS, Shi W, Thomas DC, Van Den Berg DJ, Hutter CM, Aragaki AK, Butterbach K, Caan BJ, Carlson CS, Chanock SJ, Curtis KR, Fuchs CS, Gala M, Giocannucci EL, Gogarten SM, Hayes RB, Henderson B, Hunter DJ, Jackson RD, Kolonel LN, Kooperberg C, Kury S, LaCroix A, Laurie CC, Laurie CA, Lemire M, Levine D, Ma J, Makar KW, Qu C, Taverna D, Ulrich CM, Wu K, Kono S, West DW, Berndt SI, Bezieau S, Brenner H, Campbell PT, Chan AT, Chang-Claude J, Coetzee GA, Conti DV, Duggan D, Figueiredo JC, Fortini BK, Gallinger SJ, Gauderman WJ, Giles G, Green R, Haile R, Harrison TA, Hoffmeister M, Hopper JL, Hudson TJ, Jacobs E, Iwasaki M, Jee SH, Jenkins M, Jia WH, Joshi A, Li L, Lindor NM, Matsuo K, Moreno V, Mukherjee B, Newcomb PA, Potter JD, Raskin L, Rennert G, Rosse S, Severi G, Schoen RE, **Seminara D**, Shu XO, Slattery ML, Tsugane S, White E, Xiang YB, Zanke BW, Zheng W, Le Marchand L, Casey G, Gruber SB, Peters U. *Genome-wide association study of colorectal cancer identifies six new susceptibility loci*. *Nat Commun*. 2015 Jul 7;6:7138. doi: 10.1038/ncomms8138.

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