



**Personal
information**

First name(s) /
Surname(s)

Laura Ottini

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Department of Molecular Medicine, V.le Regina Elena 324, 00161, Rome, Italy

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**Occupational
field**

Molecular Epidemiology of Cancer

Work experience

- 2020-Present Full Professor, Department of Molecular Medicine, "Sapienza" University of Rome, Rome, Italy
2005-2019 Associate Professor, Department of Molecular Medicine, "Sapienza" University of Rome, Rome, Italy
2000-2004 Research Assistant (*Assegnista di Ricerca*), "Sapienza" University of Rome, Rome, Italy
1999-2000 FIRC (*Italian Foundation for Cancer Research*) -Fellow, The Burnham Institute, La Jolla, California, USA
1996-1998 AIRC (*Italian Association for Cancer Research*) -Fellow, University of Chieti "G. D'Annunzio", Chieti, Italy
1992-1995 Board in Oncology
1992-1993 Post-Doc, European Molecular Biology Laboratory, Heidelberg, Germany
1990 Student-Fellow, National Institute of Health (NIH), Bethesda, Maryland, USA

**Education and
training**

- July 2017 Integrative Molecular Epidemiology AACR Workshop - Harvard School of Public Health. Boston, USA
January 2015 Translational Bioinformatics Workshop, King's College, London (UK)
1991-1995 Board in Oncology, Sapienza University of Rome
1986-1991 MD, Sapienza University of Rome

Mother Language

Italian

Other language(s)

English (C1)

**Main activities
and
responsibilities**

Research Activity

Prof. Ottini's research activity is mainly focused on genetics and molecular epidemiology of solid tumors, with specific interest in breast, ovary, prostate, gastrointestinal and skin cancers. Her most significant studies concern the identification and characterization of genetic risk factors for breast and ovarian cancers, in the frame of national and international collaborations. Her most recent research activity concerns the characterization of genetic susceptibility, molecular basis and pathology of male breast cancer. In these fields, she has authored more than 100 peer-reviewed publications listed on Medline-PubMed and is:

- Head of the Molecular Epidemiology Research Unit, Dept. Molecular Medicine "Sapienza" University of Rome.
- Coordinator of the Italian Multicentre Study on Male Breast Cancer.
- Coordinator of the Male Breast Cancer Research Study for the Italian Consortium within the Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA).

Teaching Activity

- Medicine and Surgery, Course "C", University of Rome "La Sapienza"
- Sciences of Health Prevention, University of Rome "La Sapienza"
- Techniques of Biomedical Laboratories, University of Rome "La Sapienza"
- PhD in "Molecular Medicine" University of Rome "La Sapienza"

Research Support

Year		
2019	Sapienza University of Rome Research Funding RM11916B7A575951, PI	10.000,00 €
2018	AIRC IG #21389 5 year-project, PI	872.000,00 €
2018	Sapienza University of Rome Research Funding RM118164360F928D, PI	10.000,00 €
2017	Sapienza University of Rome Research Funding RM11715C3F07FFB2, PI	14.000,00 €
2016	Sapienza University of Rome Research Funding RM116154C95A9DCB, PI	14.000,00 €
2015	AIRC IG #16933 3 year-project, PI	683.000,00 €
2015	Sapienza University of Rome Research Funding C26A15ZK5M, PI	10.000,00 €
2014	Sapienza University of Rome Research Funding C26A14K2W4, PI	10.000,00 €
2013	Sapienza University of Rome Research Funding C26A13B92X, PI	3.000,00 €
2012	AIRC IG #12780 3 year-project, PI	450.000,00 €
2012	Sapienza University of Rome Research Funding C26A12X8PW, PI	5.000,00 €
2011	Sapienza University of Rome Instrumentation dedicated Funding C26G11J8SF, PI	35.000,00 €
2010	Sapienza University of Rome Research Funding C26A10BWXL, PI	13.500,00 €
2009	AIRC IG #8713 3 year-project, PI	300.000,00 €
2008	PRIN 008YKH47X_002 2 year-project, I	40.000,00 €
2006	Ricerca Finalizzata - Ministero della Salute, I	56.500,00 €
2005	PRIN 2005067073_005 2 year-project, I	38.000,00 €
2005	AIRC #1282 3 year-project, PI	120.000,00 €
2004	AIRC #2837 1 year-project, PI	40.000,00 €
2003	AIRC #2087 1year-project, PI	25.000,00 €

Scientific Publications

Total papers **131**; IF (relative to the publication year) **721.55**
 Total papers (last 10 years) **73**; IF (relative to the publication year) **507.5**
 Total Papers as first/last author or corresponding author **62**
 Total H-index (Scopus) **35**

1. Yang X, Leslie G, Doroszuk A, Schneider S, Allen J, Decker B, Dunning AM, Redman J, Scarth J, Plaskocinska I, Luccarini C, Shah M, Pooley K, Dorling L, Lee A, Adank MA, Adlard J, Aittomäki K, Andrulis IL, Ang P, Barwell J, Bernstein JL, Bobolis K, Borg Å, Blomqvist C, Claes KBM, Concannon P, Cuggia A, Culver JO, Damiola F, de Pauw A, Diez O, Dolinsky JS, Domchek SM, Engel C, Evans DG, Fostira F, Garber J, Golmard L, Goode EL, Gruber SB, Hahnen E, Hake C, Heikkinen T, Hurley JE, Janavicius R, Kleibl Z, Kleiblova P, Konstantopoulou I, Kvist A, Laduca H, Lee ASG, Lesueur F, Maher ER, Mannermaa A, Manoukian S, McFarland R, McKinnon W, Meindl A, Metcalfe K, Mohd Taib NA, Moilanen J, Nathanson KL, Neuhausen S, Ng PS, Nguyen-Dumont T, Nielsen SM, Obermair F, Offit K, Olopade OI, **Ottini L**, Penkert J, Pykäs K, Radice P, Ramus SJ, Rudaitis V, Side L, Silva-Smith R, Silvestri V, Skytte AB, Slavin T, Soukupova J, Tondini C, Trainer AH, Unzeitig G, Usha L, van Overeem Hansen T, Whitworth J, Wood M, Yip CH, Yoon SY, Yussuf A, Zogopoulos G, Goldgar D, Hopper JL, Chenevix-

Trench G, Pharoah P, George SHL, Balmaña J, Houdayer C, James P, El-Haffaf Z, Ehrencrona H, Janatova M, Peterlongo P, Nevanlinna H, Schmutzler R, Teo SH, Robson M, Pal T, Couch F, Weitzel JN, Elliott A, Southey M, Winqvist R, Easton DF, Foulkes WD, Antoniou AC, Tischkowitz M. *Cancer Risks Associated With Germline PALB2 Pathogenic Variants: An International Study of 524 Families* **J Clin Oncol** 38. 2019 DOI <https://doi.org/10.1200/JCO.19.01907>.

2. Nicolussi A, Belardinelli F, Silvestri V, Mahdavian Y, Valentini V, D'Inzeo S, Petroni M, Zani M, Ferraro S, Di Giulio S, Fabretti F, Fratini B, Gradilone A, **Ottini L**, Giannini G, Coppa A, Capalbo C. *Identification of novel BRCA1 large genomic rearrangements by a computational algorithm of amplicon-based Next-Generation Sequencing data*. **PeerJ**. 2019 Nov 15;7:e7972. doi: 10.7717/peerj.7972. eCollection 2019.

3. Patel VL, Busch EL, Friebel TM, Cronin A, Leslie G, McGuffog L, Adlard J, Agata S, Agnarsson BA, Ahmed M, Aittomäki K, Alducci E, Andrulis IL, Arason A, Arnold N, Artioli G, Arver B, Auber B, Azzollini J, Balmaña J, Barkardottir RB, Barnes DR, Barroso A, Barrowdale D, Belotti M, Benitez J, Bertelsen B, Blok MJ, Bodrogi I, Bonadona V, Bonanni B, Bondavalli D, Boonen SE, Borde J, Borg A, Bradbury AR, Brady A, Brewer C, Brunet J, Buecher B, Buys SS, Cabezas-Camarero S, Caldés T, Caliebe A, Caligo MA, Calvellido M, Campbell IG, Carnevali I, Carrasco E, Chan TL, Chu ATW, Chung WK, Claes KBM, Collaborators GS, Collaborators E, Cook J, Cortesi L, Couch FJ, Daly MB, Damante G, Darder E, Davidson R, de la Hoya M, Pappa LD, Dennis J, Diez O, Ding YC, Ditsch N, Domchek SM, Donaldson A, Dworniczak B, Easton DF, Eccles DM, Eeles RA, Ehrencrona H, Ejlertsen B, Engel C, Evans DG, Faivre L, Faust U, Feliubadaló L, Foretova L, Fostira F, Fountzilas G, Frost D, García-Barberán V, Garre P, Gauthier-Villars M, Géczi L, Gehrig A, Gerdas AM, Gesta P, Giannini G, Glendon G, Godwin AK, Goldgar DE, Greene MH, Gutierrez-Barrera AM, Hahnen E, Hamann U, Hauke J, Herold N, Hogervorst FBL, Honisch E, Hopper JL, Hulick PJ, Investigators K, Investigators H, Izatt L, Jager A, James P, Janavicius R, Jensen UB, Jensen TD, Johannsson OT, John EM, Joseph V, Kang E, Kast K, Kiiski JI, Kim SW, Kim Z, Ko KP, Konstantopoulou I, Kramer G, Krogh L, Kruse TA, Kwong A, Larsen M, Lasset C, Lautrup C, Lazaro C, Lee J, Lee JW, Lee MH, Lemke J, Lesueur F, Liljegren A, Lindblom A, Llovet P, Lopez-Fernández A, Lopez-Perolio I, Lorca V, Loud JT, Ma ESK, Mai PL, Manoukian S, Mari V, Martin L, Matricardi L, Mebirouk N, Medici V, Meijers-Heijboer HEJ, Meindl A, Mensenkamp AR, Miller C, Gomes DM, Montagna M, Mooij TM, Moserle L, Mouret-Fourme E, Mulligan AM, Nathanson KL, Navratilova M, Nevanlinna H, Niederacher D, Nielsen FCC, Nikitina-Zake L, Offit K, Olah E, Olopade OI, Ong KR, Osorio A, Ott CE, Pali D, Park SK, Parsons MT, Pedersen IS, Peissel B, Peixoto A, Pérez-Segura P, Peterlongo P, Petersen AH, Porteous ME, Pujana MA, Radice P, Ramser J, Rantala J, Rashid MU, Rhiem K, Rizzolo P, Robson ME, Rookus MA, Rossing CM, Ruddy KJ, Santos C, Saule C, Scarpitta R, Schmutzler RK, Schuster H, Senter L, Seynaeve CM, Shah PD, Sharma P, Shin VY, Silvestri V, Simard J, Singer CF, Skytte AB, Snape K, Solano AR, Soucy P, Southey MC, Spurdle AB, Steele L, Steinemann D, Stoppa-Lyonnet D, Stradella A, Sunde L, Sutter C, Tan YY, Teixeira MR, Teo SH, Thomassen M, Tibiletti MG, Tischkowitz M, Tognazzo S, Toland AE, Tommasi S, Torres D, Toss A, Trainer AH, Tung N, van Asperen CJ, van der Baan FH, van der Kolk LE, van der Luijt RB, van Hest LP, Varesco L, Varon-Mateeva R, Viel A, Vierstraete J, Villa R, von Wachenfeldt A, Wagner P, Wang-Gohrke S, Wappenschmidt B, Weitzel JN, Wieme G, Yadav S, Yannoukakos D, Yoon SY, Zanzottera C, Zorn KK, D'Amico AV, Freedman ML, Pomerantz MM, Chenevix-Trench G, Antoniou AC, Neuhausen SL, **Ottini L**, Nielsen HR, Rebbeck TR. *Association of Genomic Domains in BRCA1 and BRCA2 with Prostate Cancer Risk and Aggressiveness*. **Cancer Res**. 2019 Nov 13. pii: canres.1840.2019. doi: 10.1158/0008-5472.CAN-19-1840.

4. Figlioli G, Bogliolo M, Catucci I, Caleca L, Lasheras SV, Pujol R, Kiiski JI, Muranen TA, Barnes DR, Dennis J, Michailidou K, Bolla MK, Leslie G, Aalfs CM; ABCTB Investigators, Adank MA, Adlard J, Agata S, Cadoo K, Agnarsson BA, Ahearn T, Aittomäki K, Ambrosone CB, Andrews L, Anton-Culver H, Antonenkova NN, Arndt V, Arnold N, Aronson KJ, Arun BK, Asseryanis E, Auber B, Auvinen P, Azzollini J, Balmaña J, Barkardottir RB, Barrowdale D, Barwell J, Beane Freeman LE, Beauparlant CJ, Beckmann MW, Behrens S, Benitez J, Berger R, Bermisheva M, Blanco AM, Blomqvist C, Bogdanova NV, Bojesen A, Bojesen SE, Bonanni B, Borg A, Brady AF, Brauch H, Brenner H, Brüning T, Burwinkel B, Buys SS, Caldés T, Caliebe A, Caligo MA, Campa D, Campbell IG, Canzian F, Castela JE, Chang-Claude J, Chanock SJ, Claes KBM, Clarke CL, Collavoli A, Conner TA, Cox DG, Cybulski C, Czene K, Daly MB, de la Hoya M, Devilee P, Diez O, Ding YC, Dite GS, Ditsch N, Domchek SM, Dorfling CM, Dos-Santos-Silva I, Durda K, Dwek M, Eccles DM, Ekici AB, Eliassen AH, Ellberg C, Eriksson M, Evans DG, Fasching PA, Figueroa J, Flyger H, Foulkes WD, Friebel TM, Friedman E, Gabrielson M, Gaddam P, Gago-Dominguez M, Gao C, Gapstur SM, Garber J, García-Closas M, García-Sáenz JA, Gaudet MM, Gayther SA; GEMO Study Collaborators, Giles GG, Glendon G, Godwin AK, Goldberg MS, Goldgar DE, Guénel P, Gutierrez-Barrera AM, Haeberle L, Haiman CA, Håkansson N, Hall P, Hamann U, Harrington PA, Hein A, Heyworth J, Hillemanns P, Hollestelle A, Hopper JL, Hosgood HD 3rd, Howell A, Hu C, Hulick PJ, Hunter DJ, Ilyanov EN; KConFab, Isaacs C, Jakimovska M, Jakubowska A, James P, Janavicius R, Janni W, John EM, Jones ME, Jung A, Kaaks R, Karlan BY, Khusnutdinova E, Kitahara CM, Konstantopoulou I, Koutros S, Kraft P, Lambrechts D, Lazaro C, Le Marchand L, Lester J, Lesueur F, Lilyquist J, Loud JT, Lu KH, Luben RN, Lubinski J, Mannermaa A, Manoochchri M, Manoukian S, Margolin S, Martens JWM, Maurer T, Mavroudis D, Mebirouk N, Meindl A, Menon U, Miller A, Montagna M, Nathanson KL, Neuhausen SL, Newman WG, Nguyen-Dumont T, Nielsen FC, Nielsen S, Nikitina-Zake L, Offit K, Olah E, Olopade OI, Olshan AF, Olson JE, Olsson H, Osorio A, **Ottini L**, Peissel B, Peixoto A, Peto J, Plaseska-Karanfilska D, Poczta T, Presneau N, Pujana MA, Punie K, Rack B, Rantala J, Rashid MU, Rau-Murthy R, Rennert G, Lejbkiewicz F, Rhenius V, Romero A, Rookus MA, Ross EA, Rossing M, Rudaitis V, Ruebner M, Saloustros E, Sanden K, Santamariña M, Scheuner MT, Schmutzler RK, Schneider M, Scott C, Senter L, Shah M, Sharma P, Shu XO, Simard J, Singer CF, Sohn C, Soucy P, Southey MC, Spinelli JJ, Steele L, Stoppa-Lyonnet D, Tapper WJ, Teixeira MR, Terry MB, Thomassen M, Thompson J, Thull DL, Tischkowitz M, Tollenaar RAEM, Torres D, Troester MA, Truong T, Tung N, Untch M, Vachon CM, van Rensburg EJ, van Veen EM, Vega A, Viel A, Wappenschmidt B, Weitzel JN, Wendt C, Wieme G,

Wolk A, Yang XR, Zheng W, Ziogas A, Zorn KK, Dunning AM, Lush M, Wang Q, McGuffog L, Parsons MT, Pharoah PDP, Fostira F, Toland AE, Andrulis IL, Ramus SJ, Swerdlow AJ, Greene MH, Chung WK, Milne RL, Chenevix-Trench G, Dörk T, Schmidt MK, Easton DF, Radice P, Hahnen E, Antoniou AC, Couch FJ, Nevanlinna H, Surrallés J, Peterlongo P. *The FANCM:p.Arg658* truncating variant is associated with risk of triple-negative breast cancer*. **NPJ Breast Cancer**. 2019 Nov 1;5:38. doi: 10.1038/s41523-019-0127-5.

5. Rizzolo P, Zelli V, Silvestri V, Valentini V, Zanna I, Bianchi S, Masala G, Spinelli AM, Tibiletti MG, Russo A, Varesco L, Giannini G, Capalbo C, Calistri D, Cortesi L, Viel A, Bonanni B, Azzollini J, Manoukian S, Montagna M, Peterlongo P, Radice P, Palli D, **Ottini L**. *Insight into genetic susceptibility to male breast cancer by multigene panel testing: Results from a multicenter study in Italy*. **Int J Cancer**. 2019 Jul 15;145(2):390-400. doi: 10.1002/ijc.32106. Epub 2019 Jan 24. PubMed PMID: 30613976.
6. Rizzolo P, Silvestri V, Valentini V, Zelli V, Bucalo A, Zanna I, Bianchi S, Tibiletti MG, Russo A, Varesco L, Tedaldi G, Bonanni B, Azzollini J, Manoukian S, Coppa A, Giannini G, Cortesi L, Viel A, Montagna M, Peterlongo P, Radice P, Palli D, **Ottini L**. *Evaluation of CYP17A1 and CYP1B1 polymorphisms in male breast cancer risk*. **Endocr Connect**. 2019 Jul 1. pii: EC-19-0225.R1. doi: 10.1530/EC-19-0225. [Epub ahead of print]
7. Valentini V, Zelli V, Gaggiano E, Silvestri V, Rizzolo P, Bucalo A, Calvieri S, Grassi S, Frascione P, Donati P, Soda G, **Ottini L**, Richetta AG. *MIRNAs as Potential Prognostic Biomarkers for Metastasis in Thin and Thick Primary Cutaneous Melanomas*. **Anticancer Res**. 2019Aug;39(8):4085-4093. doi: 10.21873/anticancer.13566.
8. Qian F, Rookus MA, Leslie G, Risch HA, Greene MH, Aalfs CM, Adank MA, Adlard J, Agnarsson BA, Ahmed M, Aittomäki K, Andrulis IL, Arnold N, Arun BK, Ausems MGEM, Azzollini J, Barrowdale D, Barwell J, Benitez J, Bialkowska K, Bonadona V, Borde J, Borg A, Bradbury AR, Brunet J, Buys SS, Caldés T, Caligo MA, Campbell I, Carter J, Chiquette J, Chung WK, Claes KBM, Collée JM, Collonge-Rame MA, Couch FJ, Daly MB, Delnatte C, Diez O, Domchek SM, Dorfling CM, Eason J, Easton DF, Eeles R, Engel C, Evans DG, Faivre L, Feliubadaló L, Foretova L, Friedman E, Frost D, Ganz PA, Garber J, Garcia-Barberan V, Gehrig A, Glendon G, Godwin AK, Gómez García EB, Hamann U, Hauke J, Hopper JL, Hulick PJ, Ilyanov EN, Isaacs C, Izatt L, Jakubowska A, Janavicius R, John EM, Karlan BY, Kets CM, Laitman Y, Lázaro C, Leroux D, Lester J, Lesueur F, Loud JT, Lubiński J, Lukomska A, McGuffog L, Mebirouk N, Meijers-Heijboer HEJ, Meindl A, Miller A, Montagna M, Mooij TM, Mouret-Fourme E, Nathanson KL, Nehoray B, Neuhausen SL, Nevanlinna H, Nielsen FC, Offit K, Olah E, Ong KR, Oosterwijk JC, **Ottini L**, Parsons MT, Peterlongo P, Pfeiler G, Pradhan N, Radice P, Ramus SJ, Rantala J, Rennert G, Robson M, Rodriguez GC, Salani R, Scheuner MT, Schmutzler RK, Shah PD, Side LE, Simard J, Singer CF, Steinemann D, Stoppa-Lyonnet D, Tan YY, Teixeira MR, Terry MB, Thomassen M, Tischkowitz M, Tognazzo S, Toland AE, Tung N, van Asperen CJ, van Engelen K, van Rensburg EJ, Venat-Bouvet L, Vierstraete J, Wagner G, Walker L, Weitzel JN, Yannoukakos D; KConFab Investigators; HEBON Investigators; GEMO Study Collaborators; EMBRACE Collaborators, Antoniou AC, Goldgar DE, Olopade OI, Chenevix-Trench G, Rebbeck TR, Huo D; CIMBA. *Mendelian randomisation study of height and body mass index as modifiers of ovarian cancer risk in 22,588 BRCA1 and BRCA2 mutation carriers*. **Br J Cancer**. 2019 Jun 19. doi: 10.1038/s41416-019-0492-8. [Epub ahead of print] PubMed PMID: 31213659.
9. Nicolussi A, Belardinelli F, Mahdavian Y, Colicchia V, D'Inzeo S, Petroni M, Zani M, Ferraro S, Valentini V, **Ottini L**, Giannini G, Capalbo C, Coppa A. *Next-generation sequencing of BRCA1 and BRCA2 genes for rapid detection of germline mutations in hereditary breast/ovarian cancer*. **PeerJ**. 2019 Apr 22;7:e6661. doi: 10.7717/peerj.6661. eCollection 2019. PubMed PMID: 31065452; PubMed Central PMCID: PMC6482939.
10. Rizzolo P, Silvestri V, Bucalo A, Zelli V, Valentini V, Catucci I, Zanna I, Masala G, Bianchi S, Spinelli AM, Tommasi S, Tibiletti MG, Russo A, Varesco L, Coppa A, Calistri D, Cortesi L, Viel A, Bonanni B, Azzollini J, Manoukian S, Montagna M, Radice P, Palli D, Peterlongo P, **Ottini L**. *Contribution of MUTYH Variants to Male Breast Cancer Risk: Results From a Multicenter Study in Italy*. **Front Oncol**. 2018 Dec 4;8:583. doi: 10.3389/fonc.2018.00583. eCollection 2018. PubMed PMID: 30564557; PubMed Central PMCID: PMC6288482.
11. Santi R, Rizzolo P, Pietragalla M, Valentini V, Zelli V, Galassi FM, **Ottini L**, Nesi G. *The antiquity of hydrocephalus: the first full palaeo-neuropathological description*. **Neurol Sci**. 2019 Jun;40(6):1315-1322. doi: 10.1007/s10072-018-3643-4. Epub 2018 Nov 23. PubMed PMID: 30471018.
12. Qian F, Wang S, Mitchell J, McGuffog L, Barrowdale D, Leslie G, Oosterwijk JC, Chung WK, Evans DG, Engel C, Kast K, Aalfs CM, Adank MA, Adlard J, Agnarsson BA, Aittomäki K, Alducci E, Andrulis IL, Arun BK, Ausems MGEM, Azzollini J, Barouk-Simonet E, Barwell J, Belotti M, Benitez J, Berger A, Borg A, Bradbury AR, Brunet J, Buys SS, Caldes T, Caligo MA, Campbell I, Caputo SM, Chiquette J, Claes KBM, Margriet Collée J, Couch FJ, Coupier I, Daly MB, Davidson R, Diez O, Domchek SM, Donaldson A, Dorfling CM, Eeles R, Feliubadaló L, Foretova L, Fowler J, Friedman E, Frost D, Ganz PA, Garber J, Garcia-Barberan V, Glendon G, Godwin AK, Gómez García EB, Gronwald J, Hahnen E, Hamann U, Henderson A, Hendricks CB, Hopper JL, Hulick PJ, Ilyanov EN, Isaacs C, Izatt L, Izquierdo Á, Jakubowska A, Kaczmarek K, Kang E, Karlan BY, Kets CM, Kim SW, Kim Z, Kwong A, Laitman Y, Lasset C, Hyuk Lee M, Won Lee J, Lee J, Lester J, Lesueur F, Loud JT, Lubinski J, Mebirouk N, Meijers-Heijboer HEJ, Meindl A, Miller A, Montagna M, Mooij TM, Morrison PJ, Mouret-Fourme E, Nathanson KL, Neuhausen SL, Nevanlinna H, Niederacher D, Nielsen FC, Nussbaum RL, Offit K, Olah E, Ong KR, **Ottini L**, Park SK,

Peterlongo P, Pfeiler G, Phelan CM, Poppe B, Pradhan N, Radice P, Ramus SJ, Rantala J, Robson M, Rodriguez GC, Schmutzler RK, Hutten Selkirk CG, Shah PD, Simard J, Singer CF, Sokolowska J, Stoppa-Lyonnet D, Sutter C, Yen Tan Y, Teixeira RM, Teo SH, Terry MB, Thomassen M, Tischkowitz M, Toland AE, Tucker KM, Tung N, van Asperen CJ, van Engelen K, van Rensburg EJ, Wang-Gohrke S, Wappenschmidt B, Weitzel JN, Yannoukakos D; GEMO Study Collaborators; HEBON; EMBRACE, Greene MH, Rookus MA, Easton DF, Chenevix-Trench G, Antoniou AC, Goldgar DE, Olopade OI, Rebbeck TR, Huo D. *Height and Body Mass Index as Modifiers of Breast Cancer Risk in BRCA1/2 Mutation Carriers: A Mendelian Randomization Study.* **J Natl Cancer Inst.** 2019 Apr 1;111(4):350-364. doi: 10.1093/jnci/djy132. PubMed PMID: 30312457; PubMed Central PMCID: PMC6449171.

13. Richetta AG, Valentini V, Marraffa F, Paolino G, Rizzolo P, Silvestri V, Zelli V, Carbone A, Di Mattia C, Calvieri S, Frascione P, Donati P, **Ottini L.** *Metastases risk in thin cutaneous melanoma: prognostic value of clinical-pathologic characteristics and mutation profile.* **Oncotarget.** 2018 Aug 14;9(63):32173-32181. doi: 10.18632/oncotarget.25864. eCollection 2018 Aug 14. PubMed PMID: 30181807; PubMed Central PMCID: PMC6114949.
14. Valentini V, Zelli V, Rizzolo P, Silvestri V, Alimandi M, D'Aloia MM, Giustini S, Calvieri S, Richetta AG, Monteleone G, **Ottini L.** *PIK3CA c.3140A>G mutation in a patient with suspected Proteus Syndrome: a case report.* **Clin Case Rep.** 2018 Jun 2;6(7):1358-1363. doi: 10.1002/ccr3.1546. eCollection 2018 Jul. PubMed PMID: 29988677; PubMed Central PMCID: PMC6028416.
15. Ceccarelli V, Valentini V, Ronchetti S, Cannarile L, Billi M, Riccardi C, **Ottini L,** Talesa VN, Grignani F, Vecchini A. *Eicosapentaenoic acid induces DNA demethylation in carcinoma cells through a TET1-dependent mechanism.* **FASEB J.** 2018 May 14:fj201800245R. doi: 10.1096/fj.201800245R. [Epub ahead of print] PubMed PMID: 29757674.
16. Rizzolo P, Silvestri V, Valentini V, Zelli V, Zanna I, Masala G, Bianchi S, Palli D, **Ottini L.** *Gene-specific methylation profiles in BRCA-mutation positive and BRCA-mutation negative male breast cancers.* **Oncotarget.** 2018 Apr 13;9(28):19783-19792. doi: 10.18632/oncotarget.24856. eCollection 2018 Apr 13. PubMed PMID: 29731982; PubMed Central PMCID: PMC5929425.
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