CURRICULUM VITAE

PERSONAL INFORMATION

First name/Surname **DANIELA TURCHETTI**

Address **VIA LAME 299/B – 40013 CASTEL MAGGIORE (BO) - ITALY**

Telephone **+39 051 2080904**

E-mail **daniela.turchetti@unibo.it**

Nationality Italian

Date of Birth 11/04/1966

WORK EXPERIENCE

December 2019 - present
• Name and address of the employer
ASSOCIATE PROFESSOR OF MEDICAL GENETICS
University of Bologna – Department of Medical and Surgical Sciences – via Massarenti 9 – 40138 Bologna, Italy; https://www.unibo.it/sitoweb/daniela.turchetti

June 2005 - present
• Name and address of the employer
CONSULTANT PHYSICIAN (in charge of the Family Cancer Clinic at the Unit of Medical Genetics)
Azienda Ospedaliero-Universitaria di Bologna Policlinico S.Orsola-Malpighi - UO Genetica Medica - via Massarenti 9 – 40138 Bologna, Italy

March 2005 – december 2019
• Name and address of the employer
ASSISTANT PROFESSOR OF MEDICAL GENETICS
University of Bologna – Department of Medical and Surgical Sciences – via Massarenti 9 – 40138 Bologna, Italy

May 2003 – february 2005
• Name and address of the employer
CONSULTANT IN MEDICAL GENETICS
Azienda Ospedaliero-Universitaria di Bologna Policlinico S.Orsola-Malpighi - UO Genetica Medica - via Massarenti 9 – 40138 Bologna, Italy

October 2002 - april 2003
• Name and address of the employer
CONTRATTO DI COLLABORAZIONE COORDINATA E CONTINUATIVA
ALMAGEM FOUNDATION at UO Genetica Medica - via Massarenti 9 – 40138 Bologna, Italy

July 2000 - june 2002
• Name and address of the employer
POST-DOCTORAL FELLOW
University of Modena and Reggio Emilia – Medical Oncology- Via del Pozzo, Modena, Italy

April 1999 - june 2000
• Name and address of the employer
CONSULTANT IN ONCOLOGY
Unit of Medical Oncology – Azienda Ospedaliera Policlinico di Modena – Via del Pozzo, Modena, italy

June 1995 - october 1998
• Name and address of the employer
MEDICAL RESIDENT
University of Modena and Reggio Emilia – Medical Oncology- Via del Pozzo, Modena, Italy

February 1994 -may 1995
• Name and address of the employer
FELLOW (Italian Foundation for Cancer Research fellowship)
Cancer Institute of Bologna "F. Addarii" – Experimental Section – Castello di Bentivoglio, Bentivoglio (BO)

EDUCATION

MEDICAL GENETICIST, 2012, UNIVERSITY OF PADUA, Italy

MEDICAL ONCOLOGIST, 1998, UNIVERSITY OF MODENA, Italy

MEDICAL DOCTOR *CUM LAUDE*, 1993, UNIVERSITY OF BOLOGNA, Italy

VISITS TO FOREIGN CENTERS

AUGUST 1991: SUMMER EXCHANGE FOR MEDICAL STUDENTS, UNIVERSITY OF KATOWICE (POLAND)

AUGUST 1992: SUMMER EXCHANGE FOR MEDICAL STUDENTS, HOSPITAL OF GUADALAJARA (MEXICO)

JANUARY-FEBRUARY 1999: CANCER GENETICS, GEORGETOWN UNIVERSITY, WASHINGTON DC (USA)
22 NOVEMBER-18 DECEMBER 2001: CANCER GENETICS, ROYAL MARSDEN HOSPITAL AND INSTITUTE OF CANCER RESEARCH, SUTTON (UK)

LANGUAGES

ITALIAN (MOTHER TONGUE)
ENGLISH - C1 LEVEL (CERTIFIED BY UNIV. OF CAMBRIDGE AND BOLOGNA)
SPANISH - A2 LEVEL
FRENCH - A1 LEVEL

TEACHING

TEACHER OF MEDICAL GENETICS AT THE MEDICAL SCHOOL AND THE SPECIALTY SCHOOLS IN MEDICAL GENETICS AND MEDICAL ONCOLOGY, UNIVERSITY OF BOLOGNA, ITALY

FACULTY MEMBER OF THE PHD PROGRAMME IN HUMAN GENETICS OF THE UNIVERSITY OF TURIN, ITALY

FACULTY MEMBER OF SEVERAL MASTER PROGRAMMES, UNIVERSITY OF BOLOGNA AND MODENA, ITALY

FACULTY MEMBER OF SEVERAL COURSES OF THE EUROPEAN SCHOOL OF GENETIC MEDICINE

TUTOR OF SEVERAL DOCTORAL THESES, MOSTLY ON CANCER GENETICS TOPICS

AWARDS

FEBRUARY 1993 – MD DEGREE CUM LAUDE

ITALIAN FOUNDATION FOR CANCER RESEARCH (FIRC): FELLOWSHIP "A. BELFANTI E L. PIZZAMIGLIO" (APRIL 1994 - JUNE 1995)-

INTERNATIONAL UNION AGAINST CANCER (UICC): INTERNATIONAL CANCER TECHNOLOGY TRANSFER (JANUARY - FEBRUARY 1999)

GRANTS

FP6-2004 -INCO SPECIFIC MEASURES
PROJECT: EURO-MEDITERRANEAN NETWORK FOR GENETIC SERVICES (MEDGENET)
ROLE: TEAM LEADER (PARTNER 6)

FP6-2004-IST-4
PROJECT: HEALTH-E-CHILD
ROLE: PARTICIPANT

FIRB -ITALIAN MINISTRY OF EDUCATION, UNIVERSITY AND RESEARCH (MIUR) 2006
PROJECT: TEST GENETICI E BIOBANCHE: PROBLEMI BIOETICI TRA DIRITTO E SOCIETÀ
ROLE: RESEARCH UNIT LEADER

RICERCA FINALIZZATA 2011- ITALIAN MINISTRY OF HEALTH
PROJECT: MEETING SENIOR MEMBERS IN THE SEARCH FOR NEW ASSOCIATES OF THE EXCLUSIVE HAMARTOMATOUS GENE CLUB
(RF-2011-02352088) € 90.000
ROLE: RESEARCH UNIT LEADER

ERASMUS+ 2014 KA2 – COOPERATION AND INNOVATION FOR GOOD PRACTICES
PROJECT NAME: EQUIPPING EUROPEAN PRIMARY CARE HEALTH PROFESSIONALS TO DEAL WITH GENETICS
ROLE: TEAM LEADER (PARTNER 6) € 21.000

FONDAZIONE DEL MONTE DI BOLOGNA E RAVENNA
PROJECT NAME: CARATTERIZZAZIONE GENETICA DEL CARCINOMA OVARICO (GECO) € 15.000
ROLE: PRINCIPAL INVESTIGATOR

LILT (LEGA ITALIANA PER LA LOTTA CONTRO I TUMORI) – BANDO RICERCA SANITARIA 2014
PROJECT NAME: DAL RISCHIO DI MALATTIA AI MALATI DI RISCHIO: VALIDAZIONE DI STRUMENTI PSICOMETRICI PER LA CONSULENZA GENETICA ONCOLOGICA
ROLE: TEAM LEADER € 11.000

FONDAZIONE CARISBO – call 2020
PROJECT NAME: CO-RICO (STUDY OF HOMOLOGOUS RECOMBINATION IN OVARIAN CANCER FOR PREDICTIVE PURPOSE) € 12.500
ROLE: PRINCIPAL INVESTIGATOR

PEER-REVIEWER/ EDITOR ACTIVITIES

ASSOCIATE EDITOR -FRONTIERS IN ONCOLOGY - CANCER GENETICS

GUEST EDITOR - INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES (SPECIAL ISSUE: DNA REPAIR IN HUMAN DISEASE)

REVIEWER FOR SEVERAL INTERNATIONAL JOURNALS, INCLUDING:
ANNALS OF MEDICINE AND SURGERY
BREAST CANCER RESEARCH AND TREATMENT
CANCERS
EUROPEAN JOURNAL OF HUMAN GENETICS
FAMILIAL CANCER
HUMAN MUTATION
INTERNATIONAL JOURNAL OF CANCER
MOLECULAR DIAGNOSIS AND THERAPY
NURSING AND HEALTH SCIENCES
ONCOTARGET

COLLABORATIVE GROUPS

2011- PRESENT: MEMBER OF HEALTH SCIENCES AND TECHNOLOGIES - INTERDEPARTMENTAL CENTER FOR INDUSTRIAL RESEARCH (CIRI-SDV), UNIVERSITY OF BOLOGNA

2015: MEMBER OF THE ADVISORY GROUP OF THE PROJECT **ONCO-EQUIP, UNIVERSITY OF PLYMOUTH** (HTTPS://OPEN.PLYMOUTH.AC.UK/COURSE/VIEW.PHP?ID=4)

2015-PRESENT: COORDINATOR OF THE CENTER FOR STUDIES ON HEREDITARY CANCER, DEPARTMENT OF MEDICAL AND SURGICAL SCIENCES, UNIVERSITY OF BOLOGNA

DECEMBER 2018-PRESENT: COORDINATOR OF THE WORKGROUP ON CANCER GENETICS OF THE ITALIAN SOCIETY OF HUMAN GENETICS (SIGU)

INVITED TALKS

INVITED SPEAKER IN ABOUT 150 NATIONAL AND INTERNATIONAL MEETINGS AND COURSES

PUBLICATIONS

CO-AUTHOR OF **79** DOCUMENTS REGISTERED IN SCOPUS, CITATIONS **1612**, H-INDEX **20** (AUTHOR ID: 6602295585)

1. Innella G, Bonora E, Neri I, Virdi A, Guglielmo A, Pradella LM, Ceccarelli C, Amato LB, Lanzoni A, Miccoli S, Gasparre G, Zuntini R, **Turchetti D. PTEN Hamartoma Tumor Syndrome: Skin Manifestations and Insights Into Their Molecular Pathogenesis**. *Front Med*. 2021 8; doi:10.3389/fmed.2021.688105

2. International Mismatch Repair Consortium. **Variation in the risk of colorectal cancer in families with Lynch syndrome: a retrospective cohort study.** Lancet Oncol. 2021 Jul;22(7):1014-1022. doi: 10.1016/S1470-2045(21)00189-3. Epub 2021 Jun 7. PMID: 34111421

3. **Turchetti D**, Battistuzzi L, Bertonazzi B, Godino L. **Sudden shift to remote genetic counseling during the COVID-19 pandemic: Experiences of genetics professionals in Italy**. *J Genet Couns*. 2021 Jun 6:10.1002/jgc4.1441. doi: 10.1002/jgc4.1441. Online ahead of print.PMID: 34096134

4. Zuntini R, Bonora E, Pradella LM, Amato LB, Vidone M, De Fanti S, Catucci I, Cortesi L, Medici V, Ferrari S, Gasparre G, Peterlongo P, Sazzini M, **Turchetti D**. **Detecting Variants in the NBN Gene While Testing for Hereditary Breast Cancer: What to Do Next?** *Int J Mol Sci*. 2021 May 29;22(11):5832. doi: 10.3390/ijms22115832. PMID: 34072463

5. De Leo A, Santini D, Ceccarelli C, Santandrea G, Palicelli A, Acquaviva G, Chiarucci F, Rosini F, Ravegnini G, Pession A, **Turchetti D**, Zamagni C, Perrone AM, De Iaco P, Tallini G, de Biase D**. What Is New on Ovarian Carcinoma: Integrated Morphologic and Molecular Analysis Following the New 2020 World Health Organization Classification of Female Genital Tumors**. *Diagnostics* (Basel). 2021 Apr 14;11(4):697. doi: 10.3390/diagnostics11040697.PMID: 33919741

6. De Leo A, de Biase D, Lenzi J, Barbero G, **Turchetti D**, Grillini M, Ravegnini G, Angelini S, Zamagni C, Coluccelli S, Dondi G, De Iaco P, Perrone AM, Tallini G, Santini D, Ceccarelli C**. ARID1A and CTNNB1/β-Catenin Molecular Status Affects the Clinicopathologic Features and Prognosis of Endometrial Carcinoma: Implications for an Improved Surrogate Molecular Classification**. *Cancers* (Basel). 2021 Feb 25;13(5):950. doi: 10.3390/cancers13050950. PMID: 33668727

7. Urso EDL, Ponz de Leon M, Vitellaro M, Piozzi GN, Bao QR, Martayan A, Remo A, Stigliano V, Oliani C, Lucci Cordisco E, Pucciarelli S, Ranzani GN, Viel A; **AIFEG group**. **Definition and management of colorectal polyposis not associated with APC/MUTYH germline pathogenic variants: AIFEG consensus statement**. *Dig Liver Dis*. 2021 Apr;53(4):409-417. doi: 10.1016/j.dld.2020.11.018. Epub 2021 Jan 25. PMID: 33504457

8. Godino L, Varesco L, Bruno W, Bruzzone C, Battistuzzi L, Franiuk M, Miccoli S, Bertonazzi B, Graziano C, Seri M, **Turchetti D. Preferences of Italian patients for return of secondary findings from clinical genome/exome sequencing**. J *Genet Couns*. 2021 Jun;30(3):665-675. doi: 10.1002/jgc4.1350. Epub 2020 Nov 3.

9. Innella G, Miccoli S, Colussi D, Pradella LM, Amato LB, Zuntini R, Salfi NCM, Collina G, Ferrara F, Ricciardiello L, **Turchetti D. Colorectal polyposis as a clue to the diagnosis of Cowden syndrome: Report of two cases and literature review**. *Pathol Res Pract* 2021 Feb;218:153339. doi: 10.1016/j.prp.2020.153339. Epub 2021 Jan 8. PMID: 33482532

10. Di Marco M, Carloni R, De Lorenzo S, Mosconi C, Palloni A, Grassi E, Filippini DM, Ricci AD, Rizzo A, Di Federico A, Santini D, **Turchetti D**, Ricci C, Ingaldi C, Alberici L, Minni F, Golfieri R, Brandi G, Casadei R. **Pancreatic mucinous cystadenocarcinoma in a patient harbouring BRCA1 germline mutation effectively treated with olaparib: A case report**. *World J Gastrointest Oncol. 2020* Dec 15;12(12):1456-1463. doi: 10.4251/wjgo.v12.i12.1456

11. Innella, G.; Rossi, C.; Romagnoli, M.; Repaci, A.; Bianchi, D.; Cantarini, M.E.; Martorana, D.; Godino, L.; Pession, A.; Percesepe, A.; Pagotto, U.; **Turchetti, D**. **Results and Clinical Interpretation of Germline RET Analysis in a Series of Patients with Medullary Thyroid Carcinoma: The Challenge of the Variants of Uncertain Significance**. *Cancers* 2020, *12*, 3268.

12. Brandi G, Deserti M, Palloni A, **Turchetti D**, Zuntini R, Pedica F, Frega G, De Lorenzo S, Abbati F, Rizzo A, Di Marco M, Massari F, Tavolari S. **Intrahepatic cholangiocarcinoma development in a patient with a novel BAP1 germline mutation and low exposure to asbestos**. *Cancer Genet.* 2020 Oct;248-249:57-62. doi: 10.1016/j.cancergen.2020.10.001. Epub 2020 Oct 11.

13. Dondi G, Coluccelli S, De Leo A, Ferrari S, Gruppioni E, Bovicelli A, Godino L, Coadă CA, Morganti AG, Giordano A, Santini D, Ceccarelli C, **Turchetti D**, De Iaco P, Perrone AM **An Analysis of Clinical, Surgical, Pathological and Molecular Characteristics of Endometrial Cancer According to Mismatch Repair Status. A Multidisciplinary Approach.** Int J Mol Sci. 2020 Sep 29;21(19):E7188

14. Di Pietro ML, Zaçe D, Orfino A, Di Raimo FR, Poscia A, de Matteis E, **Turchetti D**, Godino L, Bertonazzi B, Franiuk M, Bruzzone C, Varesco L, Lucci-Cordisco E, Genuardi M. **Intrafamilial communication of hereditary breast and ovarian cancer genetic information in Italian women: towards a personalised approach**. Eur J Hum Genet. 2020 Sep 14. doi: 10.1038/s41431-020-00723-7.

15. Isidori F, Bozzarelli I, Ferrari S, Godino L, Innella G, **Turchetti D**, Bonora E**. *RASAL1* and *ROS1* Gene Variants in Hereditary Breast Cancer.** Cancers (Basel). 2020 Sep 7;12(9):E2539. doi: 10.3390/cancers12092539.

16. Dika E, Patrizi A, Rossi C, **Turchetti D**, Miccoli S, Ferracin M, Veronesi G, Scarfì F, Lambertini M.G **Clinical histopathological features and CDKN2A/CDK4/MITF mutational status of patients with multiple primary melanomas from Bologna: Italy is a fascinating but complex mosaic.** Ital Dermatol Venereol. 2020 Mar 27. doi: 10.23736/S0392-0488.20.06496-2. Online ahead of print. PMID: 32221274

17. Paolisso P, Saturi G, Foà A, Saponara M, Nannini M, Pantaleo MA, Leone O, **Turchetti D**, Calistri D, Savini C, Pacini D, Pizzi C, Galiè N **Primary malignant pericardial tumour in Lynch syndrome.** BMC Cancer. 2020 Mar 6;20(1):191. doi: 10.1186/s12885-020-6677-y.

18. Cortesi L, Baldassarri B, Ferretti S, Razzaboni E, Bella M, Bucchi L, Canuti D, De Iaco P, De Santis G, Falcini F, Galli V, Godino L, Leoni M, Perrone AM, Pignatti M, Saguatti G, Santini D, Sassoli de'Bianchi P, Sebastiani F, Taffurelli M, Tazzioli G, **Turchetti D**, Zamagni C, Naldoni C**. A regional population-based hereditary breast cancer screening tool in Italy: First 5-year results**. Cancer Med. 2020 Apr;9(7):2579-2589. doi: 10.1002/cam4.2824. Epub 2020 Feb 11.

19. Ricci AD, Rizzo A, Novelli M, Tavolari S, Palloni A, Tober N, Abbati F, Mollica V, DE Lorenzo S, **Turchetti D**, DI Marco M, Brandi G. **Specific Toxicity of Maintenance Olaparib Versus Placebo in Advanced Malignancies: A Systematic Review and Meta-analysis.** Anticancer Res. 2020 Feb;40(2):597-608. doi: 10.21873/anticanres.13989.

20. **Turchetti D,** Zuntini R, Tricarico R; Bellacosa A. **BRCA2 in Ovarian Development and Function.** N Engl J Med. 2019 Mar 14;380(11):1086-1087. doi: 10.1056/NEJMc1813800.

21. Godino L, **Turchetti D,** Jackson L, Hennessy C, Skirton H**. Presymptomatic genetic testing for hereditary cancer in young adults: a survey of young adults and parents.** Eur J Hum Genet. 2019 Feb;27(2):291-299. doi: 10.1038/s41431-018-0262-8. Epub 2018 Oct 4.

22. Sagna T, Bonora E, Ouedraogo MNL, Fusco D, Zoure AA, Bisseye C, Djigma F, Kafando JG, Zongo N, Douamba Z, Obiri-Yeboah D, **Turchetti D**, Pietra V, Lompo OM, Ouedraogo C, Seri M, Simpore J. **Identification of BRCA1/2 p.Ser1613Gly, p.Pro871Leu, p.Lys1183Arg, p.Glu1038Gly, p.Ser1140Gly, p.Ala2466Val, p.His2440Arg variants in women under 45 years old with breast nodules suspected of having breast cancer in Burkina Faso**. Biomol Concepts. 2019 Jun 11;10(1):120-127. doi: 10.1515/bmc-2019-0015.

23. Dámaso E, Castillejo A, Arias MDM, Canet-Hermida J, Navarro M, Del Valle J, Campos O, Fernández A, Marín F, **Turchetti D,** García-Díaz JD, Lázaro C, Genuardi M, Rueda D, Alonso Á, Soto JL, Hitchins M, Pineda M, Capellá G. **Primary constitutional MLH1 epimutations: a focal epigenetic event.** Br J Cancer. 2018 Oct;119(8):978-987. doi: 10.1038/s41416-018-0019-8. Epub 2018 Oct 4.

24. Zuntini R, Ferrari S, Bonora E, Buscherini F, Bertonazzi B, Grippa M, Godino L, Miccoli S, **Turchetti D. Dealing With BRCA1/2 Unclassified Variants in a Cancer Genetics Clinic: Does Cosegregation Analysis Help?** Front Genet. 2018 Sep 11;9:378. doi: 10.3389/fgene.2018.00378. ECollection 2018.

25. Prossomariti A, Piazzi G, D'Angelo L, Miccoli S, **Turchetti D**, Alquati C, Montagna C, Bazzoli F, Ricciardiello L. **miR-155 Is Downregulated in Familial Adenomatous Polyposis and Modulates WNT Signaling by Targeting AXIN1 and TCF4.** Mol Cancer Res. 2018 Dec;16(12):1965-1976. doi: 10.1158/1541-7786.MCR-18-0115. Epub 2018 Aug 2.

26. Jackson L, O'Connor A, Paneque M, Curtisova V, Lunt PW, Pourova RK, Macek M Jr, Stefansdottir V, **Turchetti D,** Campos M, Henneman L, Godino L, Skirton H, Cornel MC. **The Gen-Equip Project: evaluation and impact of genetics e-learning resources for primary care in six European languages.** Genet Med. 2018 Jul 27. doi: 10.1038/s41436-018-0132-3. Erratum in: Genet Med. 2018 Aug 23.

27. Muscarella LA, **Turchetti D**, Fontana A, Baorda F, Palumbo O, la Torre A, de Martino D, Franco R, Losito NS, Repaci A, Pagotto U, Cinque L, Copetti M, Chiofalo MG, Pezzullo L, Graziano P, Scillitani A, Guarnieri V. **Large deletion at the CDC73 gene locus and search for predictive markers of the presence of a CDC73 genetic lesion.** Oncotarget. 2018 Apr 17;9(29):20721-20733. doi: 10.18632/oncotarget.25067. eCollection 2018 Apr 17.

28. Ciavarella M, Miccoli S, Prossomariti A, Pippucci T, Bonora E, Buscherini F, Palombo F, Zuntini R, Balbi T, Ceccarelli C, Bazzoli F, Ricciardiello L, **Turchetti D,** Piazzi G. **Somatic APC mosaicism and oligogenic inheritance in genetically unsolved colorectal adenomatous polyposis patients.** Eur J Hum Genet. 2018 Jan 24. doi:101038/s41431-017-0086-y.

29. Godino L, Jackson L, **Turchetti D**, Hennessy C, Skirton H. **Decision making and experiences of young adults undergoing presymptomatic genetic testing for familial cancer: a longitudinal grounded theory study.** Eur J Hum Genet. 2018 Jan;26(1):44-53. doi: 10.1038/s41431-017-0030-1. Epub 2017 Nov 21.

30. Paneque M, Cornel MC, Curtisova V, Houwink E, Jackson L, Kent A, Lunt P, Macek M, Stefansdottir V, **Turchetti D**, Skirton H. **Implementing genetic education in primary care: the Gen-Equip programme.** J Community Genet. 2017 Apr;8(2):147-150. doi: 10.1007/s12687-017-0296-6. Epub 2017 Mar 13.

31. Zuntini R, Cortesi L, Calistri D, Pippucci T, Martelli PL, Casadio R, Capizzi E, Santini D, Miccoli S, Medici V, Danesi R, Marchi I, Zampiga V, Fiorentino M, Ferrari S, **Turchetti D. BRCA1 p.His1673del is a pathogenic mutation associated with a predominant ovarian cancer phenotype.** Oncotarget. 2017 Apr 4;8(14):22640-22648. doi: 10.18632/oncotarget.15151.

32. Ricci MT, Miccoli S, **Turchetti D**, Bondavalli D, Viel A, Quaia M, Giacomini E, Gismondi V, Sanchez-Mete L, Stigliano V, Martayan A, Mazzei F, Bignami M, Bonelli L, Varesco L. **Type and frequency of MUTYH variants in Italian patients with suspected MAP: a retrospective multicenter study.** J Hum Genet. 2017 Feb;62(2):309-315. doi: 10.1038/jhg.2016.132. Epub 2016 Nov 10.

33. Tricarico R, Kasela M, Mareni C, Thompson BA, Drouet A, Staderini L, Gorelli G, Crucianelli F, Ingrosso V, Kantelinen J, Papi L, De Angioletti M, Berardi M, Gaildrat P, Soukarieh O, **Turchetti D,** Martins A, Spurdle AB, Nyström M, Genuardi M; InSiGHT Variant Interpretation Committee. **Assessment of the InSiGHT Interpretation Criteria for the Clinical Classification of 24 MLH1 and MSH2 Gene Variants.** Hum Mutat. 2017 Jan;38(1):64-77. doi: 10.1002/humu.23117. Epub 2016 Oct 17.

34. Paneque M, **Turchetti D**, Jackson L, Lunt P, Houwink E, Skirton H. **A systematic review of interventions to provide genetics education for primary care.** BMC Fam Pract. 2016 Jul 22;17:89. doi: 10.1186/s12875-016-0483-2. Review.

35. Betti M, Aspesi A, Biasi A, Casalone E, Ferrante D, Ogliara P, Gironi LC, Giorgione R, Farinelli P, Grosso F, Libener R, Rosato S, **Turchetti D**, Maffè A, Casadio C, Ascoli V, Dianzani C, Colombo E, Piccolini E, Pavesi M, Miccoli S, Mirabelli D, Bracco C, Righi L, Boldorini R, Papotti M, Matullo G, Magnani C, Pasini B, Dianzani I.**CDKN2A and BAP1 germline mutations predispose to melanoma and mesothelioma.** Cancer Lett. 2016 Aug 10;378(2):120-30. doi: 10.1016/j.canlet.2016.05.011. Epub 2016 May 12.

36. Godino L, Razzaboni E, Bianconi M, **Turchetti D. Impact of Genetic Counseling in Women with a Family History of Breast Cancer in Italy.** J Genet Couns. 2016 Apr;25(2):405-11. doi: 10.1007/s10897-015-9884-y. Epub 2015 Sep 10.

37. Magini P, Poscente M, Ferrari S, Vargiolu M, Bacchelli E, Graziano C, Wischmeijer A, **Turchetti D**, Malaspina E, Marchiani V, Cordelli DM, Franzoni E, Romeo G, Seri M. **Cytogenetic and molecular characterization of a recombinant X chromosome in a family with a severe neurologic phenotype and macular degeneration.**Mol Cytogenet. 2015 Aug 1;8:58. doi: 10.1186/s13039-015-0164-1. eCollection 2015.

38. Godino L, **Turchetti D**, Jackson L, Hennessy C, Skirton H. **Impact of presymptomatic genetic testing on young adults: a systematic review.** Eur J Hum Genet. 2016 Apr;24(4):496-503. doi: 10.1038/ejhg.2015.153. Epub 2015 Jul 15.

39. Godino L, Pompilii E, D'Anna F, Morselli-Labate AM, Nardi E, Seri M, Rizzo N, Pilu G, **Turchetti D**. **Attitudes of women of advanced maternal age undergoing invasive prenatal diagnosis and the impact of genetic counselling.** Eur J Hum Genet. 2016 Mar;24(3):331-7. doi: 10.1038/ejhg.2015.116. Epub 2015 May 27.

40. Crucianelli F, Tricarico R, **Turchetti D**, Gorelli G, Gensini F, Sestini R, Giunti L, Pedroni M, Ponz de Leon M, Civitelli S, Genuardi M. **MLH1 constitutional and somatic methylation in patients with MLH1 negative tumors fulfilling the revised Bethesda criteria.** Epigenetics. 2014 Oct;9(10):1431-8. doi: 10.4161/15592294.2014.970080.

41. Girolimetti G, Perrone AM, Santini D, Barbieri E, Guerra F, Ferrari S, Zamagni C, De Iaco P, Gasparre G, **Turchetti D. BRCA-associated ovarian cancer: from molecular genetics to risk management.** Biomed Res Int. 2014; 2014:787143. doi: 10.1155/2014/787143. Epub 2014 Jul 22.

42. Magini P, Pippucci T, Tsai IC, Coppola S, Stellacci E, Bartoletti-Stella A, **Turchetti D**, Graziano C, Cenacchi G, Neri I, Cordelli DM, Marchiani V, Bergamaschi R, Gasparre G, Neri G, Mazzanti L, Patrizi A, Franzoni E, Romeo G, Bordo D, Tartaglia M, Katsanis N, Seri M. **A mutation in PAK3 with a dual molecular effect deregulates the RAS/MAPK pathway and drives an X-linked syndromic phenotype.** Hum Mol Genet. 2014 Jul 1;23(13):3607-17. doi: 10.1093/hmg/ddu070. Epub 2014 Feb 19.

43. Pradella LM, Evangelisti C, Ligorio C, Ceccarelli C, Neri I, Zuntini R, Amato LB, Ferrari S, Martelli AM, Gasparre G, **Turchetti D**. **A novel deleterious PTEN mutation in a patient with early-onset bilateral breast cancer.** BMC Cancer. 2014 Feb 6;14:70. doi: 10.1186/1471-2407-14-70.

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Signature