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Giovanni Innella

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Address: Via provinciale Felisio 22, 48022, Lugo (RA), Italy (Home)

WORK EXPERIENCE

31/10/2021 - CURRENT Bologna (BO), Italy

PHD STUDENT IN CANCER GENETICS UNIVERSITÀ DEGLI STUDI DI BOLOGNA, DIPARTIMENTO DI SCIENZE MEDICHE E CHIRURGICHE

Research and clinical activity in cancer genetics

13/05/2021 - CURRENT Bologna (BO), Italy

SPECIALIST IN MEDICAL GENETICS TECNOBIOS PRENATALE EUROGENLAB S.R.L.

Preconceptional, prenatal and oncological genetic counseling

12/2020 – CURRENT Bologna (BO), Italy

SPECIALIST IN MEDICAL GENETICS CENTRO MEDICO PORTA MASCARELLA

Preconceptional, prenatal and oncological genetic counseling

12/2020 – CURRENT Bologna (BO), Italy

SPECIALIST IN MEDICAL GENETICS POLIAMBULATORIO MEDICO AGORÀ

Preconceptional, prenatal and oncological genetic counseling

12/2020 – CURRENT Lugo (RA), Italy

SPECIALIST IN MEDICAL GENETICS AMBULATORI DEMETRA

Preconceptional, prenatal and oncological genetic counseling

14/01/2021 - 30/10/2021 Bologna (BO), Italy

RESEARCH FELLOW UNIVERSITÀ DEGLI STUDI DI BOLOGNA, DIPARTIMENTO DI SCIENZE MEDICHE E CHIRURGICHE

Research Project: Genetic-clinical correlates in tumors associated with DNA repair defects

31/10/2016 - 26/11/2020 Padova (PD), Italy

RESIDENT IN MEDICAL GENETICS UNIVERSITÀ DEGLI STUDI DI PADOVA

14/07/2016 - 15/09/2016 Ra (RA), Italy

MEDICAL GUARD AUSL ROMAGNA

EDUCATION AND TRAINING

26/11/2020 Padova (PD), Italy
DEGREE CUM LAUDE OF SPECIALIZATION IN MEDICAL GENETICS Università degli Studi di Padova

Address Via 8 Febbraio 1848 2, Padova (PD), Italy | **Final grade** 110/110 cum laude |

Thesis Constitutional factors in endocrine neoplasm predisposing genes: clinical correlations and implications for patient and family management

14/02/2016 Ravenna (RA), Italy
LICENSE TO PRACTICE MEDICAL PROFESSION Ordine Provinciale dei Medici Chirurghi e degli Odontoiatri di Ravenna

Address via A. De Gasperi 19, Ravenna (RA), Italy

15/07/2015 Bologna (BO), Italy
DEGREE IN MEDICINE AND SURGERY Università degli Studi di Bologna

Address Via Zamboni 33, Bologna (BO), Italy | **Final grade** 105/110 |

Thesis Integrated approaches for determining the clinical role of a BRCA1 gene variant of unknown significance

30/06/2009 Lugo (RA), Italy
HIGH SCHOOL DIPLOMA Liceo Scientifico G. Ricci Curbastro

Address Viale Orsini 6, Lugo (RA), Italy

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

ADDITIONAL INFORMATION

STUDY PERIODS ABROAD

03/02/2023 - CURRENT
Visiting student at Molecular Cancer Epidemiology laboratory of QIMR Berghofer Medical Research Institute (Prof. Amanda Spurdle), Brisbane, Australia

Research project: Assessing penetrance and phenotype of the Italian founder *BRCA1* variant p.His1673del

NETWORKS AND MEMBERSHIPS

21/11/2022 - CURRENT
Member of: ENIGMA (Evidence-based Network for the Interpretation of Germline Mutant Alleles) Consortium

12/04/2022 - CURRENT
Member of: European Society of Human Genetics (ESHG)

14/12/2020 - CURRENT
Member of: "Cancer Genetics" working group of SIGU (Società Italiana di Genetica Umana)

30/11/2020 - CURRENT
Member of: Associazione Italiana Familiarità Ereditarietà Tumori (AIFET)

01/11/2020 - CURRENT
Member of: Società Italiana di Genetica Umana (SIGU)

14/02/2016 - CURRENT
Member of: Ordine Provinciale dei Medici Chirurghi e degli Odontoiatri di Ravenna

FELLOWSHIPS AND GRANTS

15/01/2021 - 31/10/2021
Research fellowship funded by Department of Medical and Surgical Sciences of Bologna University

Research project: Genetic-Clinical correlations in tumors associated with DNA-repair defects

03/02/2023 - 26/07/2023
Marco Polo grant for attendance at Molecular Cancer Epidemiology laboratory of QIMR Berghofer Medical Research Institute (supervisor: Prof. Amanda Spurdle)

Research project: Assessing penetrance and phenotype of the Italian founder *BRCA1* variant p.His1673del

PUBLICATIONS

Barbero G., et al. Characterization of BRCA Deficiency in Ovarian Cancer. Cancers. 2023; 15(5):1530. - 2023

https://doi.org/10.3390/cancers15051530

Hendricks LAJ, et al. Cancer risks by sex and variant type in PTEN Hamartoma Tumor Syndrome. J Natl Cancer Inst. 2022 Sep 28:djac188.
- 2022

PMID: 36171661 DOI: 10.1093/jnci/djac188

Link https://academic.oup.com/jnci/advance-article/doi/10.1093/jnci/djac188/6726192

Innella G, et al. New clinical features in an adult patient with Skraban-Deardorff syndrome. Am J Med Genet A. 2022 Oct 21.
- 2022

PMID: 36269129 DOI: 10.1002/ajmg.a.63012

Link https://onlinelibrary.wiley.com/doi/10.1002/ajmg.a.63012

Innella G, et al. PTEN Hamartoma Tumor Syndrome: Skin Manifestations and Insights Into Their Molecular Pathogenesis. Front Med (Lausanne). 2021 Jul 27;8:688105.
- 2021

PMID: 34386506 DOI: 10.3389/fmed.2021.688105

Innella G, et al. 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.
- 2021

doi: 10.1016/j.prp.2020.153339. PMID: 33482532.

Innella G, et al. Clinical spectrum and follow-up in six individuals with Lamb-Shaffer syndrome (SOX5). Am J Med Genet A. 2021 Feb;185(2):608-613.
- 2020

doi: 10.1002/ajmg.a.62001. PMID: 33296143.

Innella G, et al. 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 (Basel). 2020 Nov 5;12(11):3268.
- 2020

doi: 10.3390/cancers12113268. PMID: 33167350.

Isidori F, et al. RASAL1 and ROS1 Gene Variants in Hereditary Breast Cancer. Cancers (Basel). 2020 Sep 7;12(9):2539.

– 2020

doi: 10.3390/cancers12092539. PMID: 32906649.

Barbero G., et al. Characterization of BRCA deficiency in ovarian cancer: implications for treatment and outcome. Eur J Hum Genet. 2020 Dec. 28(SUPPL 1): 544

– 2020

WOSUID: WOS:000598482602006

Link https://www.webofscience.com/wos/woscc/full-record/WOS:000598482602006?SID=EUW1ED0D26ksJcQgBn14hvMamQ9pQ

De Nicolo A, et al. Gaining insights into the DICER1 syndrome: An early report from the Italian DICER1 registry. J Clin Oncol. 2019 May. 37(15_suppl):1519-1519

– 2019

http://dx.doi.org/10.1200/JCO.2019.37.15_suppl.1519

Link https://ascopubs.org/doi/10.1200/JCO.2019.37.15_suppl.1519

ABSTRACT

04/12/2020

Colorectal polyposis as a clue to the diagnosis of Cowden Syndrome: report of two cases and literature review

Presented at: XVII Congresso Associazione Italiana per lo studio della Familiarità ed Ereditarietà dei Tumori Gastrointestinali (AIFEG)

19/05/2019

Gaining insights into the DICER1 syndrome: An early report from the Italian DICER1 registry.

Published on: Journal of Clinical Oncology

29/09/2022 - 30/09/2022

Investigation through transcript analysis of the effect of two unclassified variants in the MisMatch Repair genes provides support to genetic counselling

Presented at: Primo Congresso Associazione Italiana Familiarità ed Ereditarietà dei Tumori (AIFET)

POSTER

Pleuropulmonary blastoma caused by a novel DICER1 mutation: a case report

Presented at: 2nd Spring Course in Hereditary Cancer Genetics

Gaining insights into the DICER1 syndrome: an early report from the italian DICER1 registry.

Presented at: ASCO annual meeting 2019

Characterization of BRCA deficiency in ovarian cancer: implications for treatment and outcome

Presented at: European Human Gentics Virtual Conference 2020

16/11/2021 - 18/11/2021

The role of in-trans variants as phenotype modifiers in hereditary cancer syndromes

Presented at: XXIV Congresso Nazionale SIGU

11/06/2022 - 14/06/2022

Clinical and histopathological features predictive of BRCA1/2 pathogenic variants in ovarian cancer patients: single-center experience and meta-analysis

Presented at: European Human Genetics Conference 2022

07/09/2022 - 09/09/2022
Phenotype and penetrance of the Italian founder BRCA1 variant p.His1673del: A multicentric national study

Presented at: XXV Congresso Nazionale SIGU

PEER-REVIEWER ACTIVITY FOR INTERNATIONAL JOURNALS

Scientific Reports - Nature

Diagnostic Pathology - Springer Nature

SPEAKER/DOCENT AT CONFERENCES/CONGRESSES/SEMINARS

14/01/2023 - 14/01/2023
Seminario "La predisposizione ereditaria ai tumori" - Centro Demetra-ARTeBIOS di Lugo (RA)

26/01/2022
Seminari di Genetica Medica 2022 - IRCCS Policlinico di Sant'Orsola

Birt-Hogg-Dubé syndrome: comprehensive characterization of the largest Italian series of patients and therapeutic perspectives

04/12/2020
XVII Congresso Associazione Italiana per lo studio della Familiarità ed Ereditarietà dei Tumori Gastrointestinali (AIFEG)

Colorectal polyposis as a clue to the diagnosis of Cowden Syndrome: report of two cases and literature review

CONFERENCES AND SEMINARS

02/03/2023 - 02/03/2023 - QIMR Berghofer, Brisbane, Au
Yet more on disease gene variant classification

24/02/2023 - 24/02/2023 - Translational Research Institute, Brisbane
CGPH Seminar Series: The "ACCE" Framework for Genetic Testing

14/12/2022 - 14/12/2022 - IRCCS Policlinico di Sant'Orsola - Bologna
32° Incontro di Genetica Oncologica Clinica

23/11/2022 - 23/11/2022 - Webinar
ERN GENTURIS Webinar: Childhood cancer and genetic tumour risk syndromes – the geneticist's perspective

28/10/2022 - 28/10/2022 - IRCCS Policlinico di Sant'Orsola, Bologna
Forum Nazionale OncoGenEtica - XVII Incontro

05/10/2022 - 05/10/2022 - Webinar
ERN GENTURIS Webinar: The process of variant classification and its implications for clinical management

29/09/2022 - 30/09/2022 - Digital event
Primo Congresso Associazione Italiana Familiarità ed Ereditarietà dei Tumori (AIFET)

21/09/2022 - 21/09/2022 - IRCCS AOU di Bologna
Le biobanche e la ricerca scientifica

07/09/2022 - 09/09/2022 - Trieste Convention Center
XXV Congresso Nazionale SIGU

01/09/2022 - 02/09/2022 - Online
EARLY-ONSETCOLORECTAL CANCER - Delphi inziative recommendations on EO-CRC (DIRECT): The path to improve diagnosis and clinical management

20/07/2022 - 20/07/2022 - IRCCS Policlinico di Sant'Orsola - Bologna
31° Incontro di Genetica Oncologica Clinica

22/06/2022 - 22/06/2022 - Webinar
ERN GENTURIS Webinar: Prevention of ovarian cancer

20/06/2022 - 20/06/2022 - IRCCS Policlinico di Sant'Orsola, Bologna
Incontro GdL Genetica Clinica SIGU Bologna 2022

11/06/2022 - 14/06/2022 - Vienna
European Human Genetics Conference 2022

26/05/2022 - 26/05/2022 - Policlinico Gemelli - Roma
Forum Nazionale OncoGenEtica - XV Incontro

11/05/2022 - 11/05/2022 - IRCCS AOU di Bologna, Policlinico di S.Orsola
Ricerca organizzativa: dalla teoria alla pratica

18/03/2022 - 18/03/2022 - Lugo (RA)
Aggiornamenti in Medicina della Riproduzione: Valutazione diagnostica delle coppie infertili

22/02/2022 - 22/02/2022 - Webinar
ERN GENTURIS Webinar: Polygenic Risk Scores in breast and ovarian cancer risk prediction – ready for the clinic?

09/02/2022 - 10/02/2022 - Online
ERN GENTURIS 5-year anniversary conference

23/11/2021 - 23/11/2021 - Webinar
ERN GENTURIS Webinar: Somatic Mosaicism in Tumour Genetics

16/11/2021 - 18/11/2021 - Virtual
XXIV Congresso Nazionale SIGU

09/11/2021 - 09/11/2021 - Webinar
ERN GENTURIS Webinar: NF1 from the pediatric perspective

20/10/2021 - 21/10/2021 - Webinar
BHD Symposium 2021

20/10/2021 - 20/10/2021 - Webinar
ERN GENTURIS Webinar: PHTS in childhood

07/10/2021 - 07/10/2021 - Webinar
Sindrome di Prader-Willi: la diagnosi precoce

28/09/2021 - 28/09/2021 - Webinar
ERN GENTURIS Webinar: Replication Error Repair defects in cancer and cancer predisposition

06/09/2021 - 06/09/2021 - Webinar
La trombofilia ereditaria nella pratica ginecologica ostetrica

07/05/2021 - 07/05/2021 - Webinar
Tumori dell'ovaio 2021: linee guida protocolli-procedure

29/04/2021 - 29/04/2021 - Online
Forum Nazionale OncoGenEtica: II Incontro Virtuale

13/04/2021 - 13/04/2021 - Online
PARPi nei tumori della mammella e dell'ovaio in Emilia-Romagna: evidenze e accesso

24/03/2021 - 24/03/2021 - Online
NEXT GENERATION SEQUENCING - Dal laboratorio alla pratica clinica: un percorso ad ostacoli? - Quarta Edizione

12/01/2021 - 12/01/2021 - Online
ERN GENTURIS webinar: Gastrointestinal polyposis syndromes

12/12/2020 - 12/12/2020 - Virtual
Profilazione genetica dei tumori e nuove opportunità per i pazienti con NSCLC e con MTC

09/12/2020 - 09/12/2020 - Virtual
Corso SIGU – Displasie Scheletriche

02/12/2020 - 03/12/2020 - Digital Edition
XVII Congresso Associazione Italiana per lo studio della Familiarità ed Ereditarietà dei Tumori Gastrointestinali (AIFEG)

10/11/2020 - 12/11/2020 - Virtual edition
XXIII Congresso Nazionale SIGU

10/11/2020 - Online
ERN GENTURIS webinar: Pheochromocytoma and paraganglioma - benefit of combined germline and tumor testing for PPGL patients

15/10/2020 - 15/10/2020 - Azienda Ospedaliero-Universitaria Bologna - Bologna
Il percorso BRCA nella regione Emilia-Romagna

05/06/2020 - 08/06/2020 - Vienna Medical Academy GmbH
European Human Genetics Virtual Conference 2020

12/02/2020 - 13/02/2020 - EACSGE - Bologna
EACSGE Symposium - Traslational research for the managment of Barret's esopahgus and esophageal adenocarcinoma

12/11/2019 - 15/11/2019 - SIGU - Roma
XXII Congresso Nazionale SIGU

24/10/2019 - 24/10/2019 - Università degli studi di Padova - Padova
Genetica e deficit di crescita: dalla clinica alla biologia molecolare e ritorno

29/09/2019 - 29/09/2019 - Azienda Ospedaliero-Universitaria di Bologna - Bologna
Patologie legate al PATHWAY mTOR: dalla Sclerosi Tuberosa al Cancro

27/01/2019 - 27/01/2019 - Fondazione Policlinico IRCCS di Milano - Milano
Incontro GdL Genetica Clinica SIGU congiunto con SIN

12/09/2018 - 13/09/2018 - ACCMED - Roma
Corso avanzato di citogenetica costituzionale e acquisita IX edizione

12/06/2018 - 12/06/2018 - Università degli studi di Ferrara - Ferrara
Canary in the coal mine: The cerebellum as a sentinel for developmental brain disorders

23/04/2018 - 26/04/2018 - University Residential Center of Bertinoro - Bertinoro (FC)
2nd Spring Course in Hereditary Cancer Genetics

14/11/2017 - 16/11/2017 - SIGU - Napoli
XX Congresso Nazionale SIGU

26/10/2017 - 26/10/2017 - Azienda Ospedaliero-Universitaria di Bologna - Bologna
3° Convegno regionale sulla sindrome di Marfan e patologie correlate

20/04/2017 - 20/04/2017 - Azienda Ospedaliero Universitaria di Bologna - Bologna
Il percorso diagnostico terapeutico assistenziale della paziente con neoplasia ovarica

23/03/2017 - 23/03/2017 - Ospedale Meyer - Firenze
GdL Genetica Clinica: II meeting annuale 2017 – GdL Genetica Molecolare: I° meeting annuale 2017

TUTORING/SUPERVISION ACTIVITIES

01/01/2021 - CURRENT
Co-supervisor of several degree theses

- 4 in Medicine and Surgery
- 1 in Health Biology

27/042023

Giovanni Tonella