CURRICULUM VITAE

PROF. GIOVANNI PORTA

INFORMAZIONI PERSONALI

Nome	GIOVANNI PORTA
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Nazionalità	Italiana
Data di nascita	[20-04-1962]

ESPERIENZA LAVORATIVA

- 2016 -2026 Membro Direzione Scientifica ASM (Associazione Italiana Studio Malformazioni)
- 2019 Segretario Direzione Scientifica ASM (Associazione Italiana Studio Malformazioni)
-2018-2026 Consulente Clinico e di ricerca in Genetica Medica Centro Diagnostico Italiano
- 2017-2026 Consulente Specialista in Genetica Medica della rivista “Bimbi sani e belli”.
- 2017-2026 Responsabile del Filo Rosso della Genetica collaborazione tra Uninsubria e ASM per la consulenza genetica telefonica, unico punto italiano.
- 2019-2026 Delegato all’Internazionalizzazione Corso di Laurea di Medicina e Chirurgia.
- 2006-2026 Professore Associato in Genetica Medica Università dell’Insubria, Varese
- 2010- 2026 Direttore della scuola di Specialità in Genetica Medica Uninsubria, Varese.
- 2012 Visiting Professor a tempo determinato MRC Leicester Toxicology Unit , UK
- 1999-2001 Visiting Professor , NIA, NIH, Baltimore, MD, USA
- 1992-2006 Ricercatore II Facoltà di Medicina e Chirurgia Università di Pavia, sede Varese
- 1993-1999 Consulente di Genetica Medica pressa la Clinica di Ostetricia e Ginecologia Ospedale San Paolo
- 1988-1994 Post Dottorato Center for Genetic in Medicine Washington University,St Louis, Mo USA (Human Genome Project).

ISTRUZIONE E FORMAZIONE

1982-1988 Laurea in Medicina e Chirurgia Università di Pavia Tesi " Effetto di dosaggio genico in cellule con monosomia del cromosoma 22 derivate da meningiomi umani" Relatore Marco Fraccaro con massimo dei voti.

1992 Specialità in Genetica Medica Dipartimento di Patologia Umana ed Ereditaria Università di Pavia, Tesi " Fingerprinting basato sull'uso di sequenze
ripetute per l'ordinamento di YACs in Xq2.4-Xq2.8." Massimo dei voti e lode

Inglese

Eccellente

Progetti in corso

La ricerca del Prof Porta si focalizza sulle basi molecolari del differenziamento cellulare nei processi neoplastici , pre-neoplastici, infiammatori e fisiologici con particolare interesse al pathway p53-OTX.

La patogenesi della Leucemia Mieloide Cronica è un argomento di studio per la valutazione di protocolli di interruzione della terapia attraverso il monitoraggio della malattia minima residua con bio-marcatori basati sul DNA.

La valutazione del batterioma umano attraverso tecniche di sequenziamento di nuova generazione.

Valutazione del DNA circolante nelle patologie neoplastiche e setticemiche.
Analisi molecolari delle mielo-displasia somatiche ed acquisite.

Studio di farmaci che inducono il read-through traduzionale come nuove opzioni terapeutiche per i pazienti con anemia di Fanconi.

Docenze

Docente del corso di Scienze della vita e in particolare di Genetica e Biologia del corso di laurea in scienze infermieristiche dal 1994 al 2026

Docente del corso di Scienze della vita e in particolare di Genetica e Biologia del corso di laurea in fisioterapia dal 1994 al 2026.

Docente del corso di Scienze della vita e in particolare di Genetica e Biologia del corso di laurea in scienze motorie dal 1994 al 2026.

Docente del corso di Scienze della vita e in particolare di Genetica e Biologia del corso di laurea in odontaiatria dal 2015 al 2026.

Docente del corso di Genetica Medica e Biologia (I anno) del corso di laurea in Medicina e Chirurgia dal 2017 al 2025.

Docente del corso di Genetica Medica (VI anno) del corso di laurea in Medicina e Chirurgia dal 2017 al 2026.

Docente in vari Corsi di Scuola di Specialita' in area Medica 1994-2026.

Pubblicazioni:

Development of translational read-through-inducing drugs as novel therapeutic options for patients with Fanconi anemia
Hristodor, A.M., Cappelli, E., Baldisseri, E., ... Cipolli, M., Bezzerri, V.
Cell Death DiscoveryOpen source preview, 2025, 11(1), 286

Ataluren improves hematopoietic and pancreatic disorders in Shwachman-Diamond syndrome patients: a compassionate program case-series
Bezzerri, V., Pegoraro, A., Hristodor, A.M., ... Corey, S.J., Cipolli, M.
Nature CommunicationsOpen source preview, 2025, 16(1), 8189

A Distinctive Type of Mosaic Variegated Aneuploidy: Case Report and Review of the Literature
Frattini, A., Micheloni, G., Musio, A., ... Pasquali, F., Valli, R.
American Journal of Medical Genetics Part AOpen source preview, 2025, 197(2), e63901

Shwachman-Diamond Syndrome and Diabetes: An Update from the Italian Registry and Review of the Literature. Minelli, A., Pintani, E., Valli, R., ... Cipolli, M., Danesino, C.
Experimental and Clinical Endocrinology and DiabetesOpen source preview, 2025, 133(2), pp. 78–8

The synergism of SMC1A cohesin gene silencing and bevacizumab against colorectal cancer
Di Nardo, M., Astigiano, S., Baldari, S., ...Soddu, S., Musio, A.

Journal of Experimental and Clinical Cancer Research, 2024, 43(1), 49

Behavioral Alterations of Spatial Cognition and Role of the Apolipoprotein E-ε4 in Patients with MCI Due to Alzheimer's Disease: Results from the BDSC-MCI Project
Cammisuli, D.M., Bellocchio, V., Milesi, A., ... Mauro, A., Castelnuovo, G.
Journal of Clinical MedicineOpen source preview, 2024, 13(18), 5447

Ten Years of Experience With a Telemedicine Platform Dedicated to Health Care Personnel: Implementation Report
Azzolini, C., Premi, E., Donati, S., ...Giardina, G., Paolucci, U.
JMIR Medical Informatics, 2024, 12(1), e42847

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Cipolli, M., Boni, C., Penzo, M., ...Polini, A., Bezzerri, V.
British Journal of Haematology, 2024, 204(1), pp. 292–305

OTX Genes in Adult Tissues
Terrinoni, A., Micheloni, G., Moretti, V., ...Valli, R., Porta, G.
International Journal of Molecular Sciences, 2023, 24(23), 16962

Donor Cell Acute Myeloid Leukemia after Hematopoietic Stem Cell Transplantation for Chronic Granulomatous Disease: A Case Report and Literature Review
Micheloni, G., Frattini, A., Donini, M., ...Valli, R., Pasquali, F.
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The Potential Role of the T2 Ribonucleases in TME-Based Cancer Therapy
Campomenosi, P., Mortara, L., Bassani, B., ...Bruno, A., Acquati, F.
Biomedicines, 2023, 11(8), 2160

Occurrence of L1M Elements in Chromosomal Rearrangements Associated to Chronic Myeloid Leukemia (CML): Insights from Patient-Specific Breakpoints Characterization
L'Abbate, A., Moretti, V., Pungolino, E., ...Porta, G., Cairoli, R.
Genes, 2023, 14(7), 1351

Apoptotic cell death in disease- Current understanding of the NCCD 2023
Vitale, I., Pietrocola,F., Guilbaud,E., …Kromer,G.,Galluzzi,l.
Cell Death and Differentation, 2023,30(5),pp.1097-1154.

Human RNASET2: A Highly Pleiotropic and Evolutionary Conserved Tumor Suppressor Gene Involved in the Control of Ovarian Cancer Pathogenesis.
Bruno A, Noonan DM, Valli R, Porta G, Taramelli R, Mortara L, Acquati F.Int J Mol Sci. 2022 Aug 13;23(16):9074. doi: 10.3390/ijms23169074.PMID: 36012339

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Premi E, Donati S, Azzi L, Porta G, Metrangolo C, Fontanel L, Morescalchi F, Azzolini C.J Ophthalmol. 2022 Apr 11;2022:2270861. doi: 10.1155/2022/2270861. eCollection 2022.PMID: 35450323

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Micheloni G, Carnovali M, Millefanti G, Rizzetto M, Moretti V, Montalbano G, Acquati F, Giaroni C, Valli R, Costantino L, Ferrara F, Banfi G, Mariotti M, Porta G.Int J Exp Pathol. 2022 Feb;103(1):13-22. doi: 10.1111/iep.12420. Epub 2021 Nov 1.PMID: 34725870

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Macular hole surgery: the healing process of outer retinal layers to visual acuity recovery.Caprani SM, Donati S, Bartalena L, Vinciguerra R, Mariotti C, Testa F, Porta G, Azzolini C.Eur J Ophthalmol. 2017 Mar 10;27(2):235-239. doi: 10.5301/ejo.5000905. Epub 2017 Feb 22.PMID: 28233890

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Genomic quantitative real-time PCR proves residual disease positivity in more than 30% samples with negative mRNA-based qRT-PCR in Chronic Myeloid Leukemia. Ilaria S. Pagani, Orietta Spinelli, Elia Mattarucchi, Cristina Pirrone, Diana Pigni, Elisabetta Amelotti, Silvia Lilliu, Chiara Boroni, Tamara Intermesoli, Ursula Giussani, Luigi Caimi, Federica Bolda, Renata Baffelli, Eleonora Candi, Francesco Pasquali, Francesco Lo Curto, Arnalda Lanfranchi, Fulvio Porta, Alessandro Rambaldi and Giovanni Porta, Oncoscience, vol1, no7,510-521

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Tucci P, Porta G, Agostini M, Antonov A, Garabadgiu AV, Melino G, Willis AE.
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Metabolic effects of TiO2 nanoparticles, a common component of sunscreens and cosmetics, on human keratinocytes.
Tucci P, Porta G, Agostini M, Dinsdale D, Iavicoli I, Cain K, Finazzi-Agró A, Melino G, Willis A.
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Expression of VEGF-A, Otx Homeobox and p53 Family Genes in Proliferative Vitreoretinopathy Claudio Azzolini,[1] Ilaria Stefania Pagani,[2] Cristina Pirrone,[2,3] Davide Borroni,[1,2] Simone Donati,[1] Muna Al Oum,[1] Diana Pigni,[2] Anna Maria Chiaravalli,[4] Riccardo Vinciguerra,[1] Francesca Simonelli,[5] and Giovanni Porta[2]Mediators of Inflammation Volume 2013 (2013), Article ID 857380 IF 3.882

Differential signature of the centrosomal MARK4 isoforms in glioma.
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Oncogene. 2011 Jul 7;30(27):3096-103. doi: 10.1038/onc.2011.31. Epub 2011 Apr 11. Erratum in:
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The mammary gland and the homeobox gene Otx1.
Pagani IS, Terrinoni A, Marenghi L, Zucchi I, Chiaravalli AM, Serra V, Rovera F, Sirchia S, Dionigi G, Miozzo M, Frattini A, Ferrari A, Capella C, Pasquali F, Lo Curto F, Albertini A, Melino G, Porta G.
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Sirchia SM, Tabano S, Monti L, Recalcati MP, Gariboldi M, Grati FR, Porta G, Finelli P, Radice P, Miozzo M.

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