

CURRICULUM VITAE

GIORGIO PALÙ, MD, FESCMID, PROFESSOR



EDUCATION: 1973 MD School of Medicine, University of Padova, Italy, with best marks & honours; 1974-1975 Italian and American Boards of Medicine; 1976-1978 Specialty Diplomas in Oncology and in General Pathology, School of Medicine, University of Pavia, Italy, with best marks & honours.

RECENT POSITION(S): 1990-2019, Full Professor and Chair of Microbiology and Virology, School of Medicine, Department of Molecular Medicine, University of Padova, Italy and 1996-2019, Head of the Division of Clinical Microbiology and Virology, School of Medicine, Padova University Hospital, Italy. 2007-present, Adjunct Professor in Neurosciences, School of Medicine, Department of Neurosciences, Temple University, Philadelphia (USA); 2010-present, Adjunct Professor in Science and Technology, School of Biology, Department of Biology, Temple University, Philadelphia (USA). Ministerial appointments (February 2020) as Emeritus Professor of the University of Padova; Scientific Advisor of Regione Veneto for Health and viral emergencies (February 2020).

PREVIOUS POSITION(S): 1976-1990 Postdoctoral fellow and Research associate, Institut Bordet (Université Libre, Brussels, 1976), Chester Beatty Research Institute (London University, 1976-80); Visiting Professor at the University of Yale (1982, 1983, Departments of Pharmacology, Chemistry, Molecular Biochemistry and Biophysics), at the National Institute for Medical Research, London (1981, 1985 UK) and at Harvard University (1990, sabbatical year, Dana Farber Cancer Institute, USA). 1991-1999 Director, Institute of Microbiology, School of Medicine, University of Padova, Italy. 1999-2002 Director, Department of Histology, Microbiology and Medical Biotechnologies, School of Medicine, University of Padova, Italy. 2011-2015 Director, Department of Molecular Medicine, School of Medicine, University of Padova, Italy. September 2013, Scientific Director of the Venetian Institute of Oncology, IRCCS-IOV, Padova, Italy, (ministerial appointment). 2014-2018 Director, Department of "Prevention and Treatment of Infectious Diseases", School of Medicine, University Hospital, Padova, Italy.

GRANTED PROJECTS (last 10 years, for over 5 million Euro): 2007-2008 Italian NIH n. 526D/40 (Italy-US joint project on rare diseases "hyperparathyroidism-jaw tumour syndrome"); 2010-2013 FP7 Health n. 261426 "WINGS "Epidemiology, Diagnosis and Prevention of West Nile Virus in Europe"; 2010-2015 Veneto Region n. 2154 "Genotypic and phenotypic analysis of emerging viruses"; 2011-2014 FIRB RBAP114AMK_011 "Anticancer drug delivery"; 2013-2016 PRIN-MIUR n. 2012Z9FLM8 "Pathogenesis of HPV diseases"; 2019-2022 PRIN-MIUR n. 2017KM79NN_005 "Addressing viral neuropathogenesis: Unraveling the molecular and cellular pathways of viral replication and host cell response and paving the way for the development novel host-targeted, broad spectrum, antiviral agents".

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS: Since 1987 supervisor of more than 100 graduate students and postdoctoral fellows for Italian and European Universities (University of Kent, Bristol and London, UK; University of Heidelberg and Ulm, Germany).

TEACHING ACTIVITIES: 1980-1982, Assistant Professor of Virology, University of Parma, Medical School, 1982-1989 Associate Professor of Virology and since 1990 Full Professor of Microbiology and Virology, School of Medicine, University of Padova, Italy; 2013 Guest Professor of Molecular Medicine at the University of Ulm, Germany.

INSTITUTIONAL RESPONSIBILITIES: 2004-2011 Dean, School of Medicine, University of Padova, Italy; 2002-2004 Pro-Rector, University of Padova, Italy (Foreign Affairs and International Research); 2001-2013 Coordinator, PhD Courses in Virology and Microbial Biotechnologies, in Biomedicine and in Molecular

PUBLICATIONS

1. CASARA D., DE BESI P., FIORENTINO M., MELANOTTE P.L., PALÙ G., SPERANDIO P., VINANTE O. False positive bone scan in bone tumors of the lower limbs. **Europ. J. Nucl. Med.** **II**: 163-165, 1977.
2. FERRAZZI E., CARTEI G., DE BESI P., FORNASIERO A., PALÙ G., PACCAGNELLA A., SPERANDIO P., FOSSER V., GRIGOLETTO E., FIORENTINO M. Tamoxifen in disseminated breast cancer. **Tumori**, **63(5)**: 463-468, 1977.
3. FIORENTINO M., PALÙ G., SPERANDIO O., VINANTE O., DE BESI P., REALDI G., PENNELLI N. Non-african sporadic Burkitt's lymphoma in italian patients. **Eur. J. Cancer**, **14**: 15-23, 1978.
4. POWLES R.L., SELBY P.J., PALÙ G., MORGENTSTERN G., Mc ELWAIN T.J., CLINK H.M., ALEXANDER P. The nature of remission in acute myeloblastic leukaemia. **The Lancet** **II**: 674-676, 1979.
5. PALÙ G., SELBY P.J., POWLES R.L., ALEXANDER P. Spontaneous regression of human acute myeloid leukaemia xenografts and phenotypic evidence for maturation. **Br. J. Cancer**, **40**: 731-735, 1979.
6. PALÙ G., POWLES R.L., SELBY P.J., SUMMERSGILL B.M., ALEXANDER P. Patterns of maturation in short-term culture of human acute myeloid leukaemia cells. **Br. J. Cancer**, **40**: 719-730, 1979.
7. PALÙ G. Thymidine phosphorylase a possible marker of cell maturation in acute myeloid leukaemia. **Tumori**, **66**: 35-42, 1980.
8. RUSSELL J., PALÙ G., SELBY P.J., POWLES R.L. The use of cultured cells for immunotherapy of acute myelogenous leukaemia. **Adjuvant Therapy of Cancer II**, Jones S.E. and Salmon S.E. Eds., Grune and Stratton, New York, 199-202, 1980.
9. POWLES R.L., PALÙ G., RAGHVAN D. The curability of acute myeloid leukaemia. **Topical Reviews in Haemathology**. Roath S. Ed.. John Wright & sons, Bristol, 188-219, 1980.
10. PALÙ G., Effetto del 12-O-Tetradecanoil Forbolo-13-Acetato (TPA) su cellule di leucemia melioide acuta (LAM) ottenute direttamente dal paziente. Incapacità del composto di indurre una "vera" maturazione. **Acta Bio-Medica de L'Ateneo Parmense**, **52**:145-152, 1981.
11. PALÙ G. Expression of colony stimulating activity (CSA) and production of colony forming unit(s) by acute myeloid leukaemia cells showing maturation in short-term culture. **Haematologica**, **67**: 188-198, 1982.
12. DANIELS R.S., DOUGLAS A.R., GONSALVES-SCARANO F., PALÙ G., SKEHEL J.J., BROWN E., KNOSSOW M., WILSON S.A., WILEY D.C.: Antigenic structure of influenza virus haemoagglutinin. **The Origin of Pandemic Influenza W.G. LAVER Editor – ELSEVIER**, 9-18, 1983.
13. PALÙ G., VON BERGER J., MELONI G.A., MASOTTI L. Nature of toxicity o in A₁ for the chick embryo fibroblast cells and its physico-chemical interactions with protein and nucleic acid. **Biochem. Pharmacol.** **33**: 147-154, 1984.
14. PORTINCASA P., PALÙ G., CONTI G., PESCE A., CHEZZI C. Effect of coumermycin on influenza a virus replicative cycle. **Microbiologica**, **7**: 121-132, 1984.
15. PALÙ G., PALUMBO M., CUSINATO R. ANTONELLO C., GASTALDI S., MARCIANI MAGNO S., MELONI G.A., Studio dell'attività antivirale di furocumarine. **G. Ital. Chemioter.**, 31:49-54, 1984.
16. VARNIER O.E., MURATORE O., RAFFANTI S.P., MELIOLI G., PALÙ G., SCHITO G.C., Coumermycin inhibition of murine retrovirus replication in cultured cells. **J. Antimicrob. Chemother.**, **14(2)**: 139-147, Aug 1984.
17. RUFFATTI A., PALÙ G., ARTIFONI L., CALLIGARO A., FERRI C., BOMBARDIERI S., TODESCO S. Gli anticorpi Anti-Scl 70 e Anti-Centromero nelle connettiviti. **Reumatismo**, **36**: 81-88, 1984.
18. MASOTTI L., PALÙ G., VON BERGER J., MELONI G.A. Different ability of novobiocin and coumermycin A₁ to interact with nucleic acids. **Microbiologica**, **7**: 113-120, 1984.
19. PALÙ G., PALUMBO M., CUSINATO R., MELONI G.A., MARCIANI MAGNO S. Antiviral properties of psoralen derivatives: a biological and physico-chemical investigation. **Biochem. Pharmacol.**, **33**: 3451-3456, 1984.
20. PALUMBO M., CAPASSO L., PALÙ G., MARCIANI MAGNO S. DNA binding of water soluble furocoumarines: a thermodynamic and conformational approach to understanding different biological effects. **Nucl. Acids Res.**, **12**: 2567-2578, 1984.
21. PALÙ G., PALUMBO M., CATTAI N., MARCIANI MAGNO S., MELONI G.A. Interaction of adriamycin and related anthraquinones to eukaryotic chromatin. **J. Chemother.**, **4**: 1176-1178, 1985.

22. PALUMBO M., CAPASSO L., PALÙ G., MARCIANI MAGNO S. Conformational aspects of drug DNA interactions: studies on anthracycline antibiotics and psoralen derivatives. **J. Biosci.**, **8**: 689-697, 1985.
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24. BARCELLONA M.L., PALÙ G., VALISENA S., RAGUSA N., MASOTTI L., AVITABILE M., MELONI G.A. DAPI effect on pUC8 DNA expression in JM83 *E.coli* cells. **Ital. J. Biochem.**, **35**: 186-190, 1986.
25. FERRAZZI E., PALUMBO M., VALISENA S., ANTONELLO C., PALÙ G. Antitumor activity of new anthraquinone derivatives. **J. Chemother.**, **5**: 330-336, 1986.
26. PALÙ G., MELONI G.A., Biology of herpesvirus replication and mechanisms of antiviral drug activity. **Eur. J. Gynaec. Oncol.**, **45**: 207-211, 1987.
27. GIA O., PALÙ G., PALUMBO M., ANTONELLO C., MARCIANI MAGNO S. Photoreaction of psoralen derivatives with structurally organized DNA. **Photochem. Photobiol.**, **45**: 87-92, 1987.
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36. MONTECUCCO A., SPADARI S., FOCHER F., PEDRALI-NOY G., SALA C., PALÙ G., CIARROCCHI G. Detection of the effects of intercalating and non-intercalating drugs on DNA structure. **Biochem. Pharmacol.**, **37**: 1853-1854, 1988.
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46. MELONI G.A., PALÙ G., CUSINATO R., VALISENA S. Elimination of contaminating mycoplasmas from cell cultures by a new quinolone. **Zentralblatt für Bakteriologie, Mikrobiologie und Hygiene**, **20**: 948-950, 1990.

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