

## Curriculum vitae: Giovanni N. Berta

### **Personal details**

Born in Turin

Nationality: Italian

Email: giovanni.bera@unito.it

Website: <https://medchirurgiasl.campusnet.unito.it/do/docenti.pl/Alias?giovanni.bera#tab-profilo>

ORCID ID: [orcid.org/0000-0002-3263-9349](https://orcid.org/0000-0002-3263-9349); Scopus ID: 7004734458; Researcher ID: D-4418-2018

### **Educations**

1986 High School Degree

1992 Fellowship at Laboratory of Pharmacology, Department of Clinical and Biological Sciences

1994 Master Degree with full marks and press dignity at the Faculty of Medicine and Surgery, University of Turin

1999 Assistant Professor on Pharmacology and Toxicology

2002 PhD Degree on Pharmacology and Molecular Toxicology

2007 Aggregate Professor on Pharmacology and Toxicology

2022 Certified Associate Professor on Pharmacology and Toxicology

### **Professional experiences and current position**

From 2010-today: Coordinates the Translational Pharmacology section as Senior Research: mainly the research activities carried out in the laboratories directed by him are oriented towards preclinical and clinical trials.

From 2014-today: Consultant to the judge at the Turin and Asti Public Prosecutor's Office (CTU) for Pharmacological and Toxicological aspects

From 2018-today: Qualified and Registered in the Register of Scientific Experts (REPRISE) established at the MIUR for the Basic Research section

From 2023: Pharmacologist accredited for phase I trials

### **Participation to Directive Boards of Scientific Societies and/or Institutions:**

Member of the European Society for Cancer Immunology and Immunotherapy.

Member of the National Institute of Cardiovascular Research.

Member of the Italian Society of Pharmacology.

Editorial Board Member of "Biomedicine"

Editorial Board Member of "Recent Patent Reviews on Anti-Cancer Drug Discovery"

Editorial Board Member of "Open Journal of Stomatology"

Advisory Board Member of "Journal of Experimental and Integrative Medicine"

### **Honors**

1994 University of Turin "Best Thesis Prize"

1995 National "A. Barattieri" Best Thesis Prize; Rome

2011 Dedicated editorials: "Cancer vaccines: moving toward prevention? Kwak LW Cancer Prev Res. 2011 Jul;4(7):954-6. doi: 10.1158/1940-6207.CAPR-11-0236."

### **Teaching activity:**

2006-2022: Chemotherapy and Experimental Therapy, C.I. of Pharmacology, Master's Degree Course in Medicine and Surgery, Turin, San Luigi headquarters.

2002-today: Pharmacology of Emergency, C.I. of Medical-Surgical Emergencies. Course of Master's Degree in Medicine and Surgery Turin, San Luigi headquarters.

2013-today: Chemotherapy, C.I. of Pharmacology, Degree course Master's degree in Medicine and Surgery, Turin

2013-today: General Pharmacology, Degree Course in Dentistry, Turin

2013-today: Special Pharmacology, Degree Course in Dentistry, Turin

2011-today: Pharmacology I, C.I General Clinical Nursing, Aosta

2011-today: Pharmacology II, C.I Clinical Nursing in the Medical Area, Aosta

2013-today: Pharmacology of Emergency, C.I. First Aid, Bachelor's Degree, Dental hygienist. Turin

2015-today: ADE "Acute intoxications and their antidotal treatment", Course Master's Degree in Medicine and Surgery, Turin

#### Post-Degree Schools

2015-today Clinical Pharmacology Course. School of Specialization in Plastic Surgery ed Aesthetics

2015-today Clinical Pharmacology Course. School of Specialization in Ophthalmology

2021-today Clinical Pharmacology Course. School of Specialization in Oncology

2021-today Clinical Pharmacology Course. School of Specialization in Diseases of the respiratory system

2000-today Clinical Pharmacology Course. School of Specialization in Oral Cavity Surgery

2020-today Clinical Pharmacology Course. School of Specialization in Urology

Lecturer at the Doctoral School in Pharmacology and Experimental and Clinical Therapy, University of Turin.

Lecturer of Pharmacology, Second Level Master of Prosthetic Implantology

Lecturer on Pharmacology and Toxicology, Specialization Course, Forensic Dentistry and Personal Identification.

#### **Research main topics**

- identification and preclinical validation of new effective therapeutic strategies against histotypes tumors with particularly poor prognosis (especially carcinomas).
- management and follow-up of chemotherapy regimens in association with innovative surgical interventions in patients with head and neck cancer; organization of clinical protocols; analysis and interpretation of data, including predictive statistical analysis.
- isolation and characterization of mesenchymal stem cells obtained from mammalian tissues adults and their preclinical use in regenerative medicine.
- fluid biopsy (especially salivary)

#### **Main projects as PI:**

- Co-presenter and scientific responsible for the Biomolecular part of the Call "CRT Foudation". Project title: "Biomarkers in oral fluids for diagnosis and prognosis of oral and systemic diseases.
- Scientific Coordinator for the project "Creation and preclinical validation of engineered tissues with mesenchymal cells of dental pulp (DP-MSC)".
- Scientific coordinator Scientific responsibility of the project funded by the Piedmont Region following the Call "Applied Research" entitled "DNA vaccines for the prevention of the onset of preneoplastic lesion".

#### **Bibliometry (1997-present)** ([www.scopus.com](http://www.scopus.com))

Citations: 892

Documents: 52

H-index: 17

#### **Publications**

Castrignano, C.; Di Scipio, F.; Franco, F.; Mognetti, B.; Berta, G.N.

Reviving a Classic Antigen with a Cutting-Edge Approach: Nanobodies for HER2+ Breast Cancer. *Pharmaceuticals* 2023, 16, 794. <https://doi.org/10.3390/ph16060794>

Mognetti B, Bo M, Berta GN, Canavese A, Castagna P, Collini F, Santa V, Salomone A, Gino S. Sexual Harassments Related to Alcohol and Drugs Intake: The Experience of the Rape Centre of Turin. *Int J Environ Res Public Health*. 2022 Nov 16;19(22):15090. doi: 10.3390/ijerph192215090. PMID: 36429806; PMCID: PMC9690951.

Romano F, Iaderosa G, Corana M, Perotto S, Baima G, Di Scipio F, Abbadessa G, Mariani GM, Aimetti M, Berta GN. Comparing Ionic Profile of Gingival Crevicular

Fluid and Saliva as Distinctive Signature of Severe Periodontitis. *Biomedicines*. 2022 Mar 17;10(3):687. doi: 10.3390/biomedicines10030687. PMID: 35327490; PMCID: PMC8945093.

Baima G, Iaderosa G, Corana M, Romano F, Citterio F, Giacomino A, Berta GN, Aimetti M. Macro and trace elements signature of periodontitis in saliva: A systematic review with quality assessment of ionomics studies. *J Periodontal Res*. 2022 Jan;57(1):30-40. doi: 10.1111/jre.12956. Epub 2021 Nov 27. PMID: 34837226; PMCID: PMC9298699.

Berta GN, Di Scipio F, Yang Z, Oberto A, Abbadessa G, Romano F, Carere ME, Ceccarelli A, Hirsch E, Mognetti B. Chemical Oral Cancerogenesis Is Impaired in PI3K $\gamma$  Knockout and Kinase-Dead Mice. *Cancers (Basel)*. 2021 Aug 21;13(16):4211. doi: 10.3390/cancers13164211. PMID: 34439365; PMCID: PMC8391366.

Berta GN, Romano F, Vallone R, Abbadessa G, Di Scipio F, Defabianis P. An Innovative Strategy for Oral Biofilm Control in Early Childhood Based on a Resveratrol-Cyclodextrin Nanotechnology Approach. *Materials (Basel)*. 2021 Jul 7;14(14):3801. doi: 10.3390/ma14143801. PMID: 34300720; PMCID: PMC8305301.

Romano F, Perotto S, Mohamed SEO, Bernardi S, Giraudi M, Caropreso P, Mengozzi G, Baima G, Citterio F, Berta GN, Durazzo M, Gruden G, Aimetti M. Bidirectional Association between Metabolic Control in Type-2 Diabetes Mellitus and Periodontitis Inflammatory Burden: A Cross-Sectional Study in an Italian Population. *J Clin Med*. 2021 Apr 20;10(8):1787. doi: 10.3390/jcm10081787. PMID: 33924022; PMCID: PMC8073754.

Baima G, Iaderosa G, Citterio F, Grossi S, Romano F, Berta GN, Buduneli N, Aimetti M. Salivary metabolomics for the diagnosis of periodontal diseases: a systematic review with methodological quality assessment. *Metabolomics*. 2021 Jan 1;17(1):1. doi: 10.1007/s11306-020-01754-3. PMID: 33387070.

Citterio F, Romano F, Meoni G, Iaderosa G, Grossi S, Sobrero A, Deigo F, Corana M, Berta GN, Tenori L, Aimetti M. Changes in the Salivary Metabolic Profile of Generalized Periodontitis Patients after Non-surgical Periodontal Therapy: A Metabolomic Analysis Using Nuclear Magnetic Resonance Spectroscopy. *J Clin Med*. 2020 Dec 8;9(12):3977. doi: 10.3390/jcm9123977. PMID: 33302593; PMCID: PMC7763572.

Romano F, Del Buono W, Bianco L, Arena M, Mariani GM, Di Scipio F, Berta GN, Aimetti M. Gingival Crevicular Fluid Cytokines in Moderate and Deep Sites of Stage III Periodontitis Patients in Different Rates of Clinical Progression. *Biomedicines*. 2020 Nov 18;8(11):515. doi: 10.3390/biomedicines8110515. PMID: 33218047; PMCID: PMC7698864.

Romano F, Castiblanco A, Spadotto F, Di Scipio F, Malandrino M, Berta GN, Aimetti M. ICP-Mass-Spectrometry Ionic Profile of Whole Saliva in Patients with Untreated and Treated Periodontitis. *Biomedicines*. 2020 Sep 15;8(9):354. doi: 10.3390/biomedicines8090354. PMID: 32942752; PMCID: PMC7555328.

Berta GN, Di Scipio F, Bosetti FM, Mognetti B, Romano F, Carere ME, Del Giudice AC, Castagno E, Bondone C, Urbino AF. Childhood acute poisoning in the Italian North-West area: a six-year retrospective study. *Ital J Pediatr*. 2020 Jun 11;46(1):83. doi: 10.1186/s13052-020-00845-0. PMID: 32527281; PMCID: PMC7291716.

Crosetti E, Bertolin A, Molteni G, Bertotto I, Balmativola D, Carraro M, Sprio AE, Berta GN, Presutti L, Rizzotto G, Succo G. Patterns of recurrence after open partial horizontal laryngectomy types II and III: univariate and

logistic regression analysis of risk factors. *Acta Otorhinolaryngol Ital.* 2019 Aug;39(4):235-243. doi: 10.14639/0392-100X-2409. PMID: 31501615; PMCID: PMC6734199.

Cocero N, Frascalino C, Berta GN, Carossa S. Is It Safe to Remove Teeth in Liver Transplant Patients Without Antibiotics? A Retrospective Study of 346 Patients. *J Oral Maxillofac Surg.* 2019 Aug;77(8):1557-1565. doi: 10.1016/j.joms.2019.03.028. Epub 2019 Mar 29. PMID: 31026420.

Molteni G, Molinari G, Ghirelli M, Sprio AE, Berta GN, Malagoli A, Marchioni D, Presutti L. Oncological outcomes of parotid gland malignancies: a retrospective analysis of 74 patients. *J Stomatol Oral Maxillofac Surg.* 2019 Sep;120(4):310-316. doi: 10.1016/j.jormas.2019.03.006. Epub 2019 Mar 22. PMID: 30910762.

Olgasi C, Talmon M, Merlin S, Cucci A, Richaud-Patin Y, Ranaldo G, Colangelo D, Di Scipio F, Berta GN, Borsotti C, Valeri F, Faraldi F, Prat M, Messina M, Schinco P, Lombardo A, Raya A, Follenzi A. Patient-Specific iPSC-Derived Endothelial Cells Provide Long-Term Phenotypic Correction of Hemophilia A. *Stem Cell Reports.* 2018 Dec 11;11(6):1391-1406. doi: 10.1016/j.stemcr.2018.10.012. Epub 2018 Nov 8. PMID: 30416049; PMCID: PMC6294075.

Finetti F, Moglia A, Schiavo I, Donnini S, Berta GN, Di Scipio F, Perrelli A, Fornelli C, Trabalzini L, Retta SF. Yeast-Derived Recombinant Avenanthramides Inhibit Proliferation, Migration and Epithelial Mesenchymal Transition of Colon Cancer Cells. *Nutrients.* 2018 Aug 24;10(9):1159. doi: 10.3390/nu10091159. PMID: 30149546; PMCID: PMC6165333.

Succo G, Crosetti E, Bertolin A, Piazza C, Molteni G, Cirillo S, Petracchini M, Tascone M, Sprio AE, Berta GN, Peretti G, Presutti L, Rizzotto G. Treatment for T3 to T4a laryngeal cancer by open partial horizontal laryngectomies: Prognostic impact of different pathologic tumor subcategories. *Head Neck.* 2018 Sep;40(9):1897-1908. doi: 10.1002/hed.25176. Epub 2018 May 13. PMID: 29756363.

Molteni G, Valerini S, Alicandri-Ciufelli M, Sprio AE, Crosetti E, Berta GN, Presutti L, Succo G. Unravelling the risk factors that underlie oral and oropharyngeal surgery in elderly. *Acta Otorhinolaryngol Ital.* 2018 Oct;38(5):409-416. doi: 10.14639/0392-100X-1507. Epub 2018 Jan 31. PMID: 29393927; PMCID: PMC6265672.

Romano F, Bongiovanni L, Bianco L, Di Scipio F, Yang Z, Sprio AE, Berta GN, Aimetti M. Biomarker levels in gingival crevicular fluid of generalized aggressive periodontitis patients after non-surgical periodontal treatment. *Clin Oral Investig.* 2018 Mar;22(2):1083-1092. doi: 10.1007/s00784-017-2192-1. Epub 2017 Sep 16. PMID: 28918557.

Scasso F, Sprio AE, Canobbio L, Scanarotti C, Manini G, Berta GN, Bassi AM. Dietary supplementation of coenzyme Q10 plus multivitamins to hamper the ROS mediated cisplatin ototoxicity in humans: A pilot study. *Heliyon.* 2017 Feb 20;3(2):e00251. doi: 10.1016/j.heliyon.2017.e00251. PMID: 28239674; PMCID: PMC5318271.

Di Scipio F, Sprio AE, Carere ME, Yang Z, Berta GN. A Simple Protocol to Isolate, Characterize, and Expand Dental Pulp Stem Cells. *Methods Mol Biol.* 2017;1553:1-13. doi: 10.1007/978-1-4939-6756-8\_1. PMID: 28229403.

Daghino W, Enrietti E, Sprio AE, di Prun NB, Berta GN, Massè A. Subcutaneous Achilles tendon rupture: A comparison between open technique and mini-invasive tenorrhaphy with Achillon<sup>®</sup> suture system. *Injury.* 2016

Nov;47(11):2591-2595. doi: 10.1016/j.injury.2016.09.009. Epub 2016 Sep 6. PMID: 27622615.

Yang Z, Argenziano M, Salamone P, Pirro E, Sprio AE, Di Scipio F, Carere ME, Quaglino E, Cavallo F, Cavalli R, Berta GN. Preclinical pharmacokinetics comparison between resveratrol 2-hydroxypropyl- $\beta$ -cyclodextrin complex and resveratrol suspension after oral administration. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*; 2016 86:263–271; doi:10.1007/s10847-016-0657-5

Tampellini M, Benedetto S, Rubatto E, Baratelli C, DI Scipio F, Pirro E, Brizzi MP, Sonetto C, DI Maio M, Berta GN, Scagliotti GV. Bioequivalence of Branded and Generic Oxaliplatin: From Preclinical Assessment to Clinical Incidence of Hypersensitivity Reactions. *Anticancer Res*. 2016 Oct;36(10):5163-5170. doi: 10.21873/anticancer.11086. PMID: 27798876.

Crosetti E, Caracciolo A, Molteni G, Sprio AE, Berta GN, Presutti L, Succo G. Unravelling the risk factors that underlie laryngeal surgery in elderly. *Acta Otorhinolaryngol Ital*. 2016 Jun;36(3):185-93. doi: 10.14639/0392-100X-817. PMID: 27214829; PMCID: PMC4977005.

Succo G, Bussi M, Presutti L, Cirillo S, Crosetti E, Bertolin A, Giordano L, Molteni G, Petracchini M, Sprio AE, Berta GN, Fornari A, Rizzotto G. Supratracheal laryngectomy: current indications and contraindications. *Acta Otorhinolaryngol Ital*. 2015 Jun;35(3):146-56. PMID: 26246658; PMCID: PMC4510940.

Folino A, Sprio AE, Di Scipio F, Berta GN, Rastaldo R. Alpha-linolenic acid protects against cardiac injury and remodelling induced by beta-adrenergic overstimulation. *Food Funct*. 2015 Jul;6(7):2231-9. doi: 10.1039/c5fo00034c. PMID: 26068025.

Succo G, Crosetti E, Bertolin A, Lucioni M, Arrigoni G, Panetta V, Sprio AE, Berta GN, Rizzotto G. Benefits and drawbacks of open partial horizontal laryngectomies, Part B: Intermediate and selected advanced stage laryngeal carcinoma. *Head Neck*. 2016 Apr;38 Suppl 1:E649-57. doi: 10.1002/hed.24064. Epub 2015 Jun 15. PMID: 25866908.

Succo G, Crosetti E, Bertolin A, Lucioni M, Caracciolo A, Panetta V, Sprio AE, Berta GN, Rizzotto G. Benefits and drawbacks of open partial horizontal laryngectomies, Part A: Early- to intermediate-stage glottic carcinoma. *Head Neck*. 2016 Apr;38 Suppl 1:E333-40. doi: 10.1002/hed.23997. Epub 2015 Jun 16. PMID: 25581514.

Rizzotto G, Crosetti E, Lucioni M, Bertolin A, Monticone V, Sprio AE, Berta GN, Succo G. Oncologic outcomes of supratracheal laryngectomy: Critical analysis. *Head Neck*. 2015 Oct;37(10):1417-24. doi: 10.1002/hed.23773. Epub 2014 Jul 19. PMID: 24839082.

Di Scipio F, Sprio AE, Folino A, Carere ME, Salamone P, Yang Z, Berrone M, Prat M, Losano G, Rastaldo R, Berta GN. Injured cardiomyocytes promote dental pulp mesenchymal stem cell homing. *Biochim Biophys Acta*. 2014 Jul;1840(7):2152-61. doi: 10.1016/j.bbagen.2014.03.005. Epub 2014 Mar 12. PMID: 24631652.

Zamperone A, Pietronave S, Merlin S, Colangelo D, Ranaldo G, Medico E, Di Scipio F, Berta GN, Follenzi A, Prat M. Isolation and characterization of a spontaneously immortalized multipotent mesenchymal cell line derived from mouse subcutaneous adipose tissue. *Stem Cells Dev*. 2013 Nov 1;22(21):2873-84. doi: 10.1089/scd.2012.0718. Epub 2013 Aug 9. PMID: 23777308; PMCID: PMC3805280.

Ronchi G, Gambarotta G, Di Scipio F, Salamone P, Sprio AE, Cavallo F, Perroteau I, Berta GN, Geuna S. ErbB2 receptor over-expression improves post-traumatic peripheral nerve regeneration in adult mice. *PLoS One*. 2013;8(2):e56282. doi: 10.1371/journal.pone.0056282. Epub 2013 Feb 21. PMID: 23437108; PMCID: PMC3578860.

Testa G, Gamba P, Di Scipio F, Sprio AE, Salamone P, Gargiulo S, Sottero B, Biasi F, Berta GN, Poli G, Leonarduzzi G. Potentiation of amyloid- $\beta$  peptide neurotoxicity in human dental-pulp neuron-like cells by the membrane lipid peroxidation product 4-hydroxynonenal. *Free Radic Biol Med*. 2012 Nov 1;53(9):1708-17. doi: 10.1016/j.freeradbiomed.2012.08.581. Epub 2012 Sep 3. PMID: 22981873.

Mognetti B, Barberis A, Marino S, Berta G, De Francia S, Trotta F, Cavalli R. In vitro enhancement of anticancer activity of paclitaxel by a Cremophor free cyclodextrin-based nanosponge formulation. *2012 Journal of Inclusion Phenomena and Macrocyclic Chemistry*, vol. 74, p. 201-210, ISSN: 1388-3127, doi: 10.1007/s10847-011-0101-9.

Sprio AE, Di Scipio F, Raimondo S, Salamone P, Pagliari F, Pagliari S, Folino A, Forte G, Geuna S, Di Nardo P, Berta GN. Self-renewal and multipotency coexist in a long-term cultured adult rat dental pulp stem cell line: an exception to the rule? *Stem Cells Dev*. 2012 Dec 10;21(18):3278-88. doi: 10.1089/scd.2012.0141. Epub 2012 Jun 25. PMID: 22582744.

Sprio AE, Di Scipio F, Ceppi P, Salamone P, Di Carlo F, Scagliotti GV, Papotti M, Ceccarelli A, Berta GN. Differentiation-inducing factor-1 enhances 5-fluorouracil action on oral cancer cells inhibiting E2F1 and thymidylate synthase mRNAs accumulation. *Cancer Chemother Pharmacol*. 2012 Apr;69(4):983-9. doi: 10.1007/s00280-011-1790-x. Epub 2011 Dec 4. PMID: 22139443.

Berta GN, Sprio AE, Iezzi M, Spadaro M, Cappia S, Salamone P, Di Scipio F, Mognetti B, Papotti M, Musiani P, Forni G, Cavallo F. A DNA vaccine against ERBB2 impairs chemical carcinogenesis in random-bred hamsters. *Cancer Prev Res (Phila)*. 2011 Jul;4(7):994-1001. doi: 10.1158/1940-6207.CAPR-10-0301. PMID: 21733823.

Rastaldo R, Cappello S, Folino A, Berta GN, Sprio AE, Losano G, Samaja M, Pagliaro P. Apelin-13 limits infarct size and improves cardiac postischemic mechanical recovery only if given after ischemia. *Am J Physiol Heart Circ Physiol*. 2011 Jun;300(6):H2308-15. doi: 10.1152/ajpheart.01177.2010. Epub 2011 Mar 4. PMID: 21378145.

Berta GN, Salamone P, Sprio AE, Di Scipio F, Marinos LM, Sapino S, Carlotti ME, Cavalli R, Di Carlo F. Chemoprevention of 7,12-dimethylbenz[a]anthracene (DMBA)-induced oral carcinogenesis in hamster cheek pouch by topical application of resveratrol complexed with 2-hydroxypropyl-beta-cyclodextrin. *Oral Oncol*. 2010 Jan;46(1):42-8. doi: 10.1016/j.oraloncology.2009.10.007. Epub 2009 Nov 20. PMID: 19932051.

Mognetti B, Di Carlo F, Berta GN. Animal models in oral cancer research. *Oral Oncol*. 2006 May;42(5):448-60. doi: 10.1016/j.oraloncology.2005.07.014. Epub 2005 Nov 2. PMID: 16266822.

Berta GN, Mognetti B, Spadaro M, Trione E, Amici A, Forni G, Di Carlo F, Cavallo F. Anti-HER-2 DNA vaccine protects Syrian hamsters against squamous cell carcinomas. *Br J Cancer*. 2005 Nov 28;93(11):1250-6. doi: 10.1038/sj.bjc.6602853. PMID: 16265350; PMCID: PMC2361512.

Ghezzi F, Cesano L, Mognetti B, Pesce E, Pirro E, Corvetti G, Berta GN, Zingaro B, Di Carlo F. Salicylate inhibition of rat mammary carcinogenesis and angiogenesis in female rat compatible with misoprostol administration. *Int J Oncol.* 2005 Mar;26(3):697-702. PMID: 15703826.

Berta GN, Di Carlo F, Bosio A, Corvetti G, Cesano L, Arzani C, Bailo M, Mognetti B, Bartorelli A, Ghezzi F. Effect of the single major proteic fractions of the liver perchloric extract UK101 on the development of oral tumours in Syrian hamsters. *J Oral Pathol Med.* 2001 Oct;30(9):532-6. doi: 10.1034/j.1600-0714.2001.300904.x. PMID: 11555155.

Ghezzi F, Berta GN, Bussolati B, Bosio A, Corvetti G, Di Carlo F, Bussolati G, Guglielmo R, Bartorelli A. Perchloric acid-soluble proteins from goat liver inhibit chemical carcinogenesis of Syrian hamster cheek-pouch carcinoma. *Br J Cancer.* 1999 Jan;79(1):54-8. doi: 10.1038/sj.bjc.6690011. PMID: 10408693; PMCID: PMC2362162.

Ghezzi F, Berta GN, Beccaro M, D'Avolio A, Racca S, Conti G, Di Carlo F. Calcyclin gene expression modulation by medroxyprogesterone acetate. *Biochem Pharmacol.* 1997 Jul 15;54(2):299-305. doi: 10.1016/s0006-2952(97)00174-3. PMID: 9271335.

Berta GN, Ghezzi F, D'Avolio A, Zulian P, Carbone V, Racca S, Vercellino V, Di Carlo F. Enhancement of calcyclin gene RNA expression in squamous cell carcinoma of the oral mucosa, but not in benign lesions. *J Oral Pathol Med.* 1997 May;26(5):206-10. doi: 10.1111/j.1600-0714.1997.tb01225.x. PMID: 9178171.

Ghezzi F, Racca S, Conti G, Berta GN, D'Avolio A, Abbadessa G, Gambino G, Di Carlo F. L-histidine/medroxyprogesterone acetate interaction modulates human breast cancer cell growth and progesterin receptor expression in vitro. *Pharmacol Res.* 1997 Feb;35(2):119-22. doi: 10.1006/phrs.1996.0126. PMID: 9175580.