CURRICULUM VITAE ET STUDIORUM
and
List of Publications

Prof. ROBERTO BEI M.D, Ph.D

Date of Birth: 22/05/1964
Address of work: University of Rome, "Tor Vergata", Department of Clinical Sciences and Translational Medicine, School of Medicine, Via Montpellier 1, 00133 Rome
Phone: +39-06-72596522/27, Fax:+39-06-72596506, e-mail: bei@med.uniroma2.it

Education
1983. "Liceo" specialising in scientific studies
1989. M.D. Degree in Medicine (110/110 cum Laude), University of Rome "La Sapienza".
1989. Qualification as Medical Doctor, University of Rome "La Sapienza", Registration n. 41370 (Order of Medical Doctor of Rome)
1991-1992. Army Medical Doctor Officer
1993. Specialist in Medical Oncology **(**70/70 cum Laude), Università of Rome "La Sapienza".
1998. Ph.D University of Rome "La Sapienza ".
2001-2006. Researcher of General Pathology e Physiopathology, Faculty of Medicine, University of Rome "Tor Vergata".
2002. Specialist in Clinical Pathology **(**70/70 cum Laude), Università of Rome "La Sapienza".
2006-11/06/2017. Associate Professor of General Pathology, University of Rome "Tor Vergata".
09/06/2014: National Scientific Qualification as Full Professor. Competition sector 6N1.
24/11/2014: National Scientific Qualification as Full Professor. Competition sector 6A2
12/06/2017-today: Full Professor of General Pathology, University of Rome "Tor Vergata".

Fellowship
1989-1990. CIFA- CIVA Fellowship: drugs against infectious agent and cancer cells
1992-1996. Fogarty Fellowship, EOS, LTIB, NCI, NIH, Maryland (Director Dr. J. Schlom).

Patents
Patent Number: IT1324824: Monoclonal antibody against lipases of Candida rugosa. Inventors: Biffoni M, Cernia E, Frati L, Tomei A, Palocci C, Rahimi H, Rughetti A, Soro S, Barachini S, **Bei R**.
Primary Derwent Number: 2005-737390 [76].

Scientific Awards
1998. Glaxo Wellcome Oncology Clinical Research Scholar 1998. AACR
1999. Award from Italian Society of Pathology and Oral Medicine.

Society Membership
AACR since 1996
European Society for Cancer Immunology and Immunotherapy since 2006
Italian Pathology Society since 2006

Member of Journal Editorial Board
The Open Pathology Journal (2009-2012)
Recent Pat Inflamm Allergy Drug Discov (2009-today)
J Liver (2011-oggi)
Open J Immunology (2011-today)
Dataset Papers in Biology (Subject Area: Cell Biology) (2012-2017)
Pathology Discovery (2013-today)
MOJ Immunology (2014-today)
Journal of Immunology and Serum Biology (2015-today)
Frontiers in Bioscience (Special issue: Tumor antigens: from spontaneous immune response in cancer patients to cancer vaccines) (2016-today)
Anti-Cancer Agents in Med Chem (December 2015-today)
Frontiers in Bioscience (2017-today)
International Journal of Oncology from June 2017-today
Frontiers in Pharmacology (Review Editor) (2017-today)
Frontiers in Oncology (Review Editor) (2017-today)

Journal ad hoc Reviewer
Journal of Immunology, Oral Oncology, The Open Pathology Journal, The Open Biomarkers Journal, International Journal of Gynecological Cancer, Human Immunology, Advances in Medical Sciences, Molecular Biology International, Redox Report, Int. J. Immunopathol. Pharmacol., Recent Pat Inflamm Allergy Drug Discov, Open J Immunology, Vaccine, Open Journal of Pathology, Oncotarget, Translational Research, Nutrients, Journal of Experimental & Clinical Cancer Research, MOJ Immunol, Anti-Cancer Agents Med Chem, Clin Can Res, PLOSOne, Current Opinion in Pharmacology, Int J Food Sci Nutr, Tumor Biol, Molecular Nutrition and Food Research, Pathology-Research and Practice, Oncology Letters, Molecules, Frontiers in Immunology.

Grant Reviewer
Cancer Research UK

Teaching activity in Italy
Graduation Courses
2002/03-today: General Pathology and Pathophysiology, School of Medicine**,** University "Tor Vergata" (Italian Course)
2014/15-today: General Pathology and Pathophysiology, School of Medicine**,** University "Tor Vergata" (English Course)
2007/08-today: General Pathology, School of Medicine Biotechnology**,** University "Tor Vergata"
2010/11-today: General Pathology, School of Pharmacy, University "Tor Vergata"
2007/08-today: General Pathology, School of Technicians in environment and loci working prevention**,** University "Tor Vergata"
2003/04-today: General Pathology, School of Dietician**,** University "Tor Vergata"
2005/06-today: Immunology, School of Dietician**,** University "Tor Vergata"
2014/15-today: School of Science of Human Nutrition, General Pathology: Adverse reactions to food. Telematics University San Raffaele.
2014/15-today: School of Physical Education, General Pathology. Telematics University San Raffaele.
2003/04-2017: General Pathology, School of Science of Human Nutrition**,** University "Tor Vergata"
2007/08-2012/2013: General Pathology, School of Physiotherapy, University "Tor Vergata"

2001/02-2012/2013: General Pathology, School of Medical Radiology Technician, University "Tor Vergata
2001/02-2008/09: General Pathology, School of Hospital Nurse **,** University "Tor Vergata".
1998/2000: Immunohematology, School of Hospital Nurse, University of Chieti "G. D'Annunzio"

Residency Courses
2005/06-today: General Pathology, Residency in Orthopaedics , School of Medicine, University "Tor Vergata"
2005/06-today: General Pathology, Residency in Endocrinology, School of Medicine, University "Tor Vergata"
2006/07-today: General Pathology, Residency in Sports Medicine, School of Medicine, University "Tor Vergata"
2005/6-today: General Pathology, Residency in Oncology, School of Medicine, University "Tor Vergata"
1998/1999-Pathological Biochemistry**,** Residency in Clinical Pathology, University of Chieti "G. D'Annunzio

Teaching activity in foreign University
2005/06-today: General Pathology and Pathophysiology, School of Medicine, University "Zoja e Këshillit të Mirë", Tirana (Albany).

Course Coordinator
2014/15-today: General Pathology and Pathophysiology, School of Medicine**,** University "Tor Vergata" (English Course)
2008/09-today: Human molecular pathology and physiopathology/General Pathology, immunology and genetics, School of Medicine Biotechnology**,** University "Tor Vergata"
2005/06-today: General Pathology, Immunology and Pharmacology, School of Dietician**,** University "Tor Vergata
2011/12-today: General Pathology and Pathophysiology, School of Medicine, University "Zoja e Këshillit të Mirë", Tirana (Albany).
2007/08-today: Biomedical Sciences II, School of Technicians in environment and loci working prevention**,** University "Tor Vergata"
2010/11-2012/2013: General Pathology, School of Pharmacy, University "Tor Vergata"

Master
2016/17 and 2017/18. II Level Master II. Personalized Nutrition: Molecular and Genetic Bases. Teaching: Role of Nutraceuticals in Neoplastic Transformation and Adverse Reactions to Food: Pathogenesis. University "Tor Vergata"
2014/15. II Level Master II. Personalized Nutrition: Molecular and Genetic Bases. Teaching: Role of Nutraceuticals in Neoplastic Transformation. University "Tor Vergata"

Board of examiners for thesis defence
2005/6-today: School of Science of Human Nutrition, School of Dietician, School of Medicine Biotechnology, School of Medicine Biotechnology, Residency in Oncology, University "Tor Vergata"
2007/08 and 2009/10: PhD in Endocrinology and Molecular Medicine

Board of examiners for evaluation of Degree Courses access
2006/07-today: School of Science of Human Nutrition, University "Tor Vergata".

Board of examiners for evaluation of Researcher position at University
One Researcher position at University La Sapienza, Faculty of Medicine. MED04: General Pathology. Italian Gazette: n. 89, 11/11/2005

2013/14. Member of the committee of the examination State for Medicine and Surgery. University Tor Vergata

Supervisor of thesis
2004/13. Faculty of Biology, University La Sapienza.
2004/17. School of Dietician**,** University "Tor Vergata"
2005/17. School of Science of Human Nutrition, University "Tor Vergata"
2008/16. School of Medicine Biotechnology**,** University "Tor Vergata"

PhD Tutor
Tutor PhD student of the XXVI round (PhD in Molecular Medicine), University La Sapienza
Tutor PhD student of XXVI round (PhD in Microbiology, Immunology, Organ Transplants and related diseases), University "Tor Vergata".
Tutor PhD student of the XXXI round (PhD in Molecular Medicine), University La Sapienza.

Board Member of PhD Course
2012-2014. PhD course in Microbiology, Immunology, Organ Transplants and related diseases, University "Tor Vergata".
2011. PhD course in Microbiology, Immunology and infectious diseases

Research Fields:
Oncology: Analysis of immune response to tumor associated antigens (ErbB receptors, AFP, CEA, PSA) in cancer patients and cancer immunotherapy. Analysis of the expression of tumor antigens in tumors and normal tissues.
Virology: Production and characterization of monoclonal antibodies to viral proteins.
Nutrition: Effect of natural compounds on cancer cell growth.

Principal Investigator of research grant
2007. Scientific Research Grant from University "Tor Vergata" (2007-RSA-0493), "Immune response to ribosomal P proteins in head and neck cancer patients"
2007-08. Supplementary grant from University "Tor Vergata", "Immune responses to extracellular matrix components (ECM), heat shock (HSPs) and ribosomal P proteins in subjects loaded with a dental implant: interference of innate and adoptive immunity for a successful implant"
2008. Scientific Research Grant from University "Tor Vergata" (2008-RSA-0623), "Effect of resveratrol and diallil disulfide on cancer cells of mesenchymal origin".
2007-2008. PRIN (MIUR) "Immune responses to extracellular matrix components (ECM), heat shock (HSPs) and ribosomal P proteins in subjects loaded with a dental implant: interference of innate and adoptive immunity for a successful implant".
2009-2011. PRIN (MIUR) "Inhibition of cross-talk between Hedgehog (Hh), ErbB2 and NF-kB signaling in breast cancer by combined treatments based on an Hh inhibitor and an anti-ErbB2 vaccine".
2009-2012. EDA B0060 Project, database of B agents. Department of Defence, "Development of Biotechnology for B agents characterization".

2013 Gream project. Department of Defence."Genotoxicity of electromagnetic radiation in military applications"
2014. Project aptamers. Department of Defence."Sensor for the determination of anthrax spores".
2017. GUNA spa Project. "Analysis of the effects of Galium-Heel and Gunamatrix on Human Skin Fibroblasts".

Scientific contributor in Operative Units of the following funded projects:
1990-92. MURST 60%, "Genetic and phenotypic markers of breast and colon cancer carcinomas".
1991-96. Oncology project, CNR ACRO.
1994-96. AIRC, "Mesothelioma".
1994-98. AIRC, "Role of growth factors, their receptors and substrates in neoplastic transformation"
1998-2000. MURST "Immune response to ErbB receptors and the AFP and Mac2-BP tumor associated antigens: biological characterization and immunodominant epitope definition for diagnostic, prognostic and therapeutic use".
2002-04. MIUR, "Molecular mediators of the axon-Schwann cell interaction in patients with hereditary demyelinating neuropathy".
2004-05. Health Ministry, Special Program "Autoimmune thyroiditis and skin: molecular mechanisms of skin alteration and not invasive diagnosis".
2005-07. AIRC, "Diversified active specific immunotherapy targeting ErbB2/Neu in combination with external beam radiation to cure established mammary carcinomas"

PUBLICATIONS

PEER REVIEWED

(Total IF: 374) (ISI, Science Citation Index edition 2019**)**
(H-index: 29; total citations: 2658, best ISI/Scopus)

1. R. Mariani Costantini, R. Muraro, F. Ficari, C. Valli, **R. Bei,** F. Tonelli, F. Caramia and L. Frati: "Immunohistochemical evidence of immune responses to tumor-associated antigens in lymph nodes of colon carcinoma patients". **Cancer** 67: 2880-2886, 1991**.**
2. R. Muraro, L. Frati, **R. Bei**, F. Ficari, C. Valli, D. French, S. Mammarella, F. Caramia, G. Fegiz and R. Mariani Costantini: "Regional heterogeneity and complementation in the expression of the Tumor-Associated Glycoprotein 72 epitopes in colorectal cancer". **Cancer Research** 51: 5378-5383, 1991.
3. M.L. Salgaller, **R. Bei**, J. Schlom, D.J. Poole and P.F. Robbins: "Baculovirus recombinants expressing the human carcinoembryonic antigen gene". **Cancer Research** 53: 2154-2161, 1993.
4. R. Bei, J. Kantor, S.V.S. Kashmiri and J. Schlom: "Serological and biochemical characterization of recombinant baculovirus Carcinoembryonic antigen". **Molecular Immunology** 31: 771-780, 1994.
5. R. Bei, J. Kantor, S.V.S. Kashmiri, S. Abrams and J. Schlom: "Enhanced immune responses and anti-tumor activity by baculovirus recombinant Carcinoembryonic antigen (CEA) in mice primed with the recombinant vaccinia CEA". **J. Immunotherapy** 16: 275-282, 1994.
6. R. Bei, C. Paranavitana, D. Milenic, S.V.S. Kashmiri and J. Schlom: "Generation, purification and characterization of a recombinant source of human prostate specific antigen". **J. Clin. Lab. Anal.** 9: 261-268, 1995.
7. R. Bei, J. Schlom and S.V.S. Kashmiri: "Baculovirus expression of a functional single-chain immunoglobulin and its IL-2 fusion protein". **J. Immunol. Methods** 186: 245-255, 1995.
8. A. Lukic, A. Moretti, MG. Giovagnoli, **R. Bei**, F. Nobili, G. Vetrano, V. Visco, A. Vecchione and R. Muraro: "Immunohistochemical analysis of Epidermal Growth Factor receptor (EGF-R) and c-

erbB2 and correlation with pathological prognostic variables in endometrial carcinomas". **Int. J. Oncology** 8: 1119-1126, 1996.
9. R. Bei, A. Moretti, V. Visco, R. De Filippi, KY Tsang, L. Frati and R. Muraro: "Cell mediated cytotoxicity of human colon carcinoma cells by a monoclonal antibody (R4) recognizing the carcinoembryonic antigen (CEA) and CEA related-molecules". **Int. J. Oncology** 8:1127-1135, 1996.
10. R. Bei, V. Guptill, L. Masuelli, SVS Kashmiri, R. Muraro, L. Frati, J. Schlom and J. Kantor: "The use of a cationic liposome formulation (DOTAP) mixed with a recombinant tumor-associated antigen to induce immune responses and protective immunity in mice". **J. Immunotherapy** 21: 159-169, 1998.
11. R. Bei, L. Masuelli, E. Moriconi, V. Visco, A. Moretti, M.H Kraus and R. Muraro: "Immune responses to all ErbB family receptors detectable in serum of cancer patients". **Oncogene** 18: 1267-1275, 1999.
12. M. Iwahashi, DE. Milenic, E. Padlan, **R. Bei**, J. Schlom and SVS. Kashmiri: "CDR substitutions of a humanized monoclonal antibody (CC49): contributions of individual CDRs to antigen binding and immunogenicity". **Molecular Immunology** 36: 1079-1091, 1999.
13. R. Bei, A. Budillon, MG. Reale, G. Capuano, D. Pomponi, G. Budillon, L. Frati and R. Muraro: "Cryptic epitopes on alpha-fetoprotein (AFP) induce spontaneous immune responses in hepatocellular carcinoma, liver cirrhosis and chronic hepatitis patients". **Cancer Research** 59: 5471-5474, 1999.
14. V. Visco, **R. Bei**, E. Moriconi, W. Gianni, M.H. Kraus and R. Muraro: "ErbB2 immune response in breast cancer patients with soluble receptor ectodomain". **American J. Pathology** 156: 1417-1424, 2000.
15. A. Farina, R. Santarelli, R. Gonnella, **R. Bei**, R. Muraro, G. Cardinali, S. Uccini, G. Ragona, L. Frati, A. Faggioni and A. Angeloni: "The BFRF1 gene of the Epstein-Barr virus encodes a novel protein". **J. Virology** 74: 3235-3244, 2000.
16. S. Rovero, A. Amici, E. Di Carlo, **R. Bei**, P. Nanni, E. Quaglino, P. Porcedda, K. Boggio, A. Smorlesi, P-L Lollini, L. Landuzzi, M P Colombo, M. Giovarelli, P. Musiani and G. Forni: "DNA vaccination against rat Her-2/neu p185 more effectively inhibits carcinogenesis than transplantable carcinomas in transgenic BALB/c mice". **J. Immunology** 165: 5133-5142, 2000.
17. **R. Bei**, G. Pompa, D. Vitolo, E. Moriconi, L. Ciocci, M. Quaranta, L. Frati, M.H. Kraus, and R. Muraro: "Co-localization of multiple ErbB receptors in stratified epithelium of oral squamous cell carcinomas"**. J. Pathology** 195: 343-348, 2001.
18. A. Signore, M. Chianelli, **R. Bei**, W. Oyen, A. Modesti: "Targeting cytokine/chemokine receptors: a challenge for molecular nuclear medicine" **Eur J Nucl Med.** 30: 149-156, 2003**.** Erratum: 30: 801-802, 2003.
19. F. Cipollone, A. Iezzi, M. Fazia, M. Zucchelli, B. Pini, C. Cuccurullo, D. De Cesare, G. De Blasis, R. Muraro, **R. Bei**, F. Chiarelli, AM. Schmidt, F. Cuccurullo, A. Mezzetti: "The receptor RAGE as a progression factor amplifying arachidonate-dependent inflammatory and proteolytic response in human atherosclerotic plaques. Role of glycemic control". **Circulation** 108: 1070-1077, 2003.
20. L. Masuelli, **R. Bei,** P. Sacchetti, I. Scappaticci, P. Francalanci, L. Albonici, A. Coletti, C. Palumbo, M. Minieri, R. Fiaccavento, F. Carotenuto, C. Fantini, L. Carosella, A. Modesti and P. Di Nardo: "β-catenin accumulates in intercalated disks of hypertrophic cardiomyopathic hearts". **Cardiovascular Research** 60: 376-387, 2003.
21. A. Farina, G. Cardinali, R. Santarelli, R. Gonnella, J. Webster-Cyriaque, **R. Bei**, R. Muraro, L. Frati, A. Angeloni, MR. Torrisi and A. Faggioni: "Intracellular localization of the Epstein-Barr virus BFRF1 gene product in lymphoid cell lines and oral hairy leukoplakia lesions". **J. Med Virology** 72: 102-111, 2004.
22. F. Cipollone, M. Fazia, A. Iezzi, B. Pini, C. Cuccurullo, M. Zucchelli, D. De Cesare, S. Ucchino, F. Spigonardo, M. De Luca, R. Muraro, **R. Bei**, M. Bucci, F. Cuccurullo, A. Mezzetti: "Blockade of the

Angiotensin II type 1 receptor stabilizes atherosclerotic plaques in humans by inhibiting prostaglandin E2-dependent matrix metalloproteinase activity". **Circulation** 109: 1482-1488, 2004.
23. **R. Bei,** A. Budillon, L. Masuelli, V. Cereda, D. Vitolo, E. Di Gennaro, V. Ripavecchia, C. Palumbo, F. Ionna, S. Losito, A. Modesti, M. H. Kraus and R. Muraro: "Frequent overexpression of multiple ErbB receptors by head and neck squamous cell carcinoma contrasts with rare antibody immunity in patients". **J**. **Pathology** 204: 317-325, 2004.
24. C. Palumbo, L. Albonici, **R. Bei**, S. Scarpa, P. Di Nardo, and A. Modesti: "HBMA induces cell death and potentiates doxorubicin toxicity in malignant mesothelioma cells". **Cancer Chem. Pharm.** 54: 398-406, 2004.
25. R. Fiaccavento, F. Carotenuto, M. Minieri, C. Fantini, G. Forte, A. Carbone, L. Carosella, **R. Bei**, L. Masuelli, C. Palumbo, A. Modesti, M. Prat, P. Di Nardo: "Stem cell activation sustains hereditary hypertrophy in the hamster cardiomyopathy". **J. Pathology** 205:397-407, 2005.
26. R. Gonnella, A. Farina, R. Santarelli, S. Raffa, R. Feederle, **R. Bei**, M. Granato, A. Modesti, L. Frati, H-J. Delecluse, MR. Torrisi, A. Angeloni, A. Faggioni: "Characterization and intracellular localization of the Epstein-Barr virus protein BFLF2: interactions with BFRF1 and with the nuclear lamina". **J. Virology** 79:3713-3727, 2005.
27. R. Massa, C. Palumbo, T. Cavallaro, MB Panico, **R. Bei**, C. Terracciano, N. Rizzuto, G. Bernardi, A. Modesti: "Overexpression of ErbB2 and ErbB3 receptors in Schwann cells of patients with Charcot-Marie-Tooth disease type 1A". **Muscle & Nerve** 33:342-349, 2006.
28. R. Bei, D. Mentuccia, P. Trono, L. Masuelli, V. Cereda, C. Palumbo, L. Marzocchella, M.A. Mrozek, P. Pallotta, G. Di Lella, M. Modesti, M. Cerilli, GV. Frajese, G. Frajese, G. Zambruno and A. Modesti: "Immunity to extracellular matrix antigens is associated with ultrastructural alterations of the stroma and stratified epithelium basement membrane in the skin of Hashimoto's thyroiditis patients". **Int. J. Immunopathol. Pharmacol.** 19:661-674, 2006.
29. C**.** Cuccurullo, A. Iezzi, ML.Fazia, D. De Cesare D, A. Di Francesco, R. Muraro, **R. Bei**, S. Ucchino, F. Spigonardo, AM. Schmidt, F. Cuccurullo, A. Mezzetti, F. Cipollone: "Suppression of RAGE as a basis of simvastatin-dependent plaque stabilization in type 2 diabetes". **Arterioscler. Thromb. Vasc. Biol.** 26:2716-23, 2006.
30. R. Fiaccavento, F. Carotenuto, M. Minieri, L. Masuelli, A. Vecchini, **R. Bei,** A. Modesti, L. Binaglia, A. Fusco, A. Bertoli, G. Forte, L. Carosella and P. Di Nardo: "α–linoleic acid-enriched diet prevents myocardial damage and expands longevity in cardiomyopathic hamsters". **American J. Pathology** 169:1913-1924, 2006.
31. L. Masuelli, C. Focaccetti, V. Cereda, F, Lista, D. Vitolo, P. Trono, P. Gallo, A. Amici, P. Monaci, M. Mattei, M. Modesti, G. Forni, M.H. Kraus, R. Muraro, A. Modesti and **R. Bei**: "Gene-specific inhibition of breast carcinoma in BALB-neuT mice by active immunization with rat Neu or human ErbB receptors". **Int. J. Oncology** 30:381-392, 2007**.**
32. A. Scardino, M. Alimandi, P. Correale, SG. Smith, **R. Bei**, H. Firat, O. Faure, St. Graf-Dubois, J. Marrocco, S. Chouaib, FA. Lemonnier, AM Jackson and K. Kosmatopoulos. "A polyepitope DNA vaccine targeted to HER2/ErbB-2 elicits a broad range of human and murine CTL effectors to protect against tumor challenge". **Cancer Research** 67:7028-7036, 2007**.**
33. R Bei, L. Masuelli, P. Trono, PL Orvietani, S. Losito, L. Marzocchella, D. Vitolo, L. Albonici, MA. Mrozek, E. Di Gennaro, F. Lista, G. Faggioni, F. Ionna, L. Binaglia, V. Manzari, A. Budillon and A. Modesti: "The ribosomal P0 protein induces a spontaneous immune response in patients with head and neck advanced stage carcinoma that is not dependent on its overexpression in carcinomas". **Int. J. Oncology** 31:1301-1308, 2007.
34. L. Masuelli, P. Trono, L. Marzocchella, MA. Mrozek, C. Palumbo, M. Minieri, F. Carotenuto, R. Fiaccavento, A. Nardi, F. Galvano, P. Di Nardo, A. Modesti and **R. Bei**: "Intercalated disks remodeling

in δ-sarcoglycan deficient hamsters fed with alpha-linolenic acid-enriched diet". **Int J Mol Med**, 21: 41-48, 2008.
35. D. Alesiani, R. Cicconi, M. Mattei, C. Montesano, **R. Bei** and A. Canini: "Cell cycle arrest and differentiation induction by 5,7-dimethoxycoumarin on melanoma cell lines". **Int. J. Oncology**, 32: 425-434, 2008.
36. C. Palumbo, S. Battisti, D. Carbone, L. Albonici, M. Alimandi, **R. Bei** and A. Modesti: "Recombinant erythropoietin differently affects proliferation of mesothelioma cells but not sensitivity to cisplatin and pemetrexed". **Cancer Chem. Pharm**. 61: 893-901, 2008.
37. M. Renis, L. Calandra, C. Scifo, B. Tomasello, V. Cardile, L. Vanella, **R. Bei**, L. La Fauci, F. Galvano: "Response of cell cycle/stress-related protein expression and DNA damage upon treatment of CaCo2 cells with anthocyanins". **Brit. J. Nutr** 100: 27-35, 2008.
38. C. Palumbo, **R. Bei,** A. Procopio and A. Modesti: **"**Molecular target and targeted therapies for malignant mesothelioma". **Current Medicinal Chemistry,** 15: 855-867, 2008.
39. R. Santarelli, A. Farina, M. Granato, R. Gonnella, S. Raffa, L. Leone**, R. Bei**, A. Modesti, L. Frati, M.R. Torrisi and A. Faggioni: "Identification and characterization of the product encoded by ORF69 of Kaposi's sarcoma-associated herpesvirus**". J. Virology,** 82: 4562-4572, 2008.
40. R. Bei, L. Masuelli, C. Palumbo, I. Tresoldi, A. Scardino and A. Modesti: "Long-lasting tissue inflammatory processes trigger autoimmune responses to extracellular matrix molecules". **Int Rev Immunol** 27: 137-175, 2008.
41. G. Tumino, L. Masuelli, **R. Bei**, L. Simonelli, A. Santoro and S. Francipane: "Topical treatment of chronic venous ulcers with sucralfate: a placebo controlled randomized study". **Int J Mol Med**, 22: 17-23, 2008.
42. G. Faggioni, A. Ciammaruconi, R. De Santis, A. Pomponi, M.T, Scicluna, K. Barbaro, L. Masuelli, G. Autorino, **R. Bei** and F. Lista: "Evidence of a humoral response to a novel protein WARF4 embedded in the West Nile virus NS4B gene encoded by an alternative open reading frame". **Int J Mol Med**, 23:509-12, 2009.
43. D. Alesiani, R. Cicconi, M. Mattei, **R. Bei** and Antonella Canini: "Inhibition of Mek 1/2 kinase activity and stimulation of melanogenesis by 5,7-dimethoxycoumarin treatment of melanoma cells". **Int. J. Oncology**, 34: 1727-1735, 2009.
44. R. Bei, L. Masuelli, C. Palumbo, M. Modesti and A. Modesti: "A common repertoire of autoantibodies is shared by cancer and autoimmune disease patients: inflammation in their induction and impact on tumor growth". **Cancer Letters**, 281:8-23, 2009**.**
45. L. Albonici, E. Doldo, C. Palumbo, A. Orlandi, **R. Bei**, E. Pompeo, T.C. Mineo, A. Modesti and V. Manzari: "Placenta growth factor is a survival factor for human malignant mesothelioma cells". **Int. J. Immunopathol. Pharmacol.**, 22: 389-401, 2009**.**
46. R. Bei, L. Masuelli, M. Turriziani, G. Li Volti, M. Malaguarnera, F. Galvano: "Impaired expression and function of signaling pathway enzymes by anthocyanins: role on cancer prevention and progression". **Curr. Enzyme Inhib**. 5: 184-197, 2009.
47. L. Masuelli, G. Tumino, M. Turriziani, A. Modesti, **R. Bei**: "Topical Use of Sucralfate in Epithelial Wound Healing: Clinical Evidence and Molecular Mechanisms of Action". **Recent Pat Inflamm Allergy Drug Discov**. 4:25-36, 2010
48. L. Masuelli, L. Marzocchella, C. Focaccetti, F. Lista, A. Nardi, A. Scardino, M. Mattei, M. Turriziani, M. Modesti, G. Forni, J. Schlom, A. Modesti and **R. Bei**. "Local delivery of recombinant vaccinia virus encoding for neu counteracts growth of mammary tumors more efficiently than systemic delivery in neu transgenic mice". **Cancer Immunol Immunother** 59(8):1247-58, 2010**.**
49. R. Bei and A. Scardino: "TAA Polyepitope DNA-Based Vaccines: A Potential Tool for Cancer Therapy". **Journal of Biomedicine and Biotechnology.** 2010: 102758, 2010**.**

50. R. **Bei,** L. Marzocchella and M. Turriziani: "The use of temozolomide for the treatment of malignant tumors: clinical evidence and molecular mechanisms of action". **Recent Patents On Anti-Cancer Drug Discovery.** 5(3):172-87, 2010**.**
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