

# 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

**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”.

**2017-10 January 2022. Coordinator of the Master’s Degree in Medical Biotechnology**, University of Rome “Tor Vergata”.

**12 January 2022-today. Coordinator of the Master’s Degree in Medicine and Surgery**, University of Rome “Tor Vergata”.

**AA 2021/2021-2023/2024. Coordinator PhD Program in Tissue Engineering and remodeling biotechnologies for body function.** 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 1996-2020. Membership number 9142

European Society for Cancer Immunology and Immunotherapy since 2006

Italian Pathology Society since 2006

## **Member of Journal Editorial Board or Editor**

The Open Pathology Journal (2009-2012)

Recent Pat Inflamm Allergy Drug Discov (2009-today)

J Liver (2011-today)

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) (2016-2020)

Anti-Cancer Agents in Med Chem (December 2015-today)

Frontiers in Bioscience (2017-2020)

International Journal of Oncology (June 2017-today)

Frontiers in Pharmacology (Review Editor) (2017-today)

Frontiers in Oncology (Review Editor) (2017-today)

International Journal of Molecular Sciences (Academic Editor, Section Biochemistry, 2018-today)

International Journal of Molecular Sciences (Special Issue Editor: "The Effect of Dietary Factors on Cancer"; "The Effect of Dietary Factors on Cancer 2.0"; "The Effect of Dietary Factors on Cancer 3.0")

International Journal of Molecular Sciences (Special Issue Editor: Cancer Cell Invasion and Metastases 2.0)

Nutrients (Special Issue Editor: "Flavonoids and Cancer Prevention" 2019)

Experimental and Therapeutic Medicine (November 2019-today)

Oncology Letters (November 2019-today)

Co-Editor Anti-Cancer Agents in Med Chem (February 2021-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, The Faseb Journal, Frontiers in Oncology, Aging.

## **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”

**2010/11-2020/2021:** General Pathology, School of Pharmacy, University “Tor Vergata”

**2019/20-2020/21:** General Pathology, School of Medicine, Unicamillus, International Medical University in Rome.

**2021/22-today:** Immunology, School of Medicine, Unicamillus, International Medical University in Rome.

**2021/22-today:** General Pathology, Degree Course in Dentistry, Unicamillus, International Medical University in Rome.

**2007/08-today:** General Pathology, School of Technicians in environment and loci working prevention, University “Tor Vergata”

**2010/11-today:** General Pathology, School of Biomedical laboratory technician, University “Tor Vergata”

**2003/04-today:** General Pathology, School of Dietician, University “Tor Vergata”

**2014/15-today:** General Pathology: Adverse reactions to food. School of Science of Human Nutrition, Telematics University San Raffaele.

**2014/15-today:** General Pathology. School of Physical Education, Telematics University San Raffaele.

**2005/06-2017/18:** Immunology, School of Dietician, University “Tor Vergata”

**2003/04-2016/17:** 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**

**2018/19-today:** General Pathology, Residency in Microbiology and Virology, School of Medicine, University “Tor Vergata”

**2018/19-today:** General Pathology, Residency in Pathological Anatomy, School of Medicine, University “Tor Vergata”

**2018/19-today:** General Pathology, Residency in Clinical Pathology, School of Medicine, University “Tor Vergata”

**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:** General Pathology and medical genetics. 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"

#### **Teacher for Master**

2016/17, 2017/18, 2018/2019, 2019/2020, 2020/2021 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-today. 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**

**2006/07-2015:** School of Science of Human Nutrition, University "Tor Vergata".

#### **Board of examiners for evaluation of Researcher/Professor position at University**

RTDB position MED/04 (06A2) (DIPARTIMENTO DI MEDICINA SPERIMENTALE, SAPIENZA UNIVERSITA' DI ROMA, D.R. N. 2267/2021, 09.08.2021)

RTDA position MED/04 (06A2) UNIVERSITA' DEGLI STUDI DI BARI ALDO MORO, D.R. N. 3478 DEL 21/10/2021 G.U. – IV SERIE SPECIALE N. 89, 29/10/2021.

RTDA position MED/04 (06A2) (Dipartimento di Medicina Sperimentale dell'Università degli Studi di Roma "La Sapienza", D.D. Rep. 170/2021 Prot. 772, 24.3.2021.

Full Professor position MED/04 (06A2) DIPARTIMENTO DI MEDICINA SPERIMENTALE – FACOLTA' DI MEDICINA E ODONTOIATRIA – SAPIENZA UNIVERSITA' DI ROMA D.R. 3340/2020, 29.12.2020

RTDB position MED/04 (06A2) DIPARTIMENTO DI SCIENZE CLINICHE E MEDICINA TRASLAZIONALE DELL'UNIVERSITA' DEGLI STUDI DI ROMA "TOR VERGATA" (Piano straordinario RTDb - DM 14 2020, n. 83), D.R. n. 184, 26/01/2021 (RIF. 1645)

Associate Professor MED/04 position (06A2) CORSO DI STUDIO IN SCIENZE DELLA NUTRIZIONE UMANA DELL'UNIVERSITA' TELEMATICA SAN RAFFAELE ROMA, INDETTA CON D.R. N° 6, 09/02/2021.

RTD position MED/04 (06A2) (Dipartimento di Scienze Cliniche e Medicina Traslazionale, Università Tor Vergata, DR N2020 del 18/10/2018) 14/02/2019, 28/03/2019, 23/04/2029

Full Professor MED/04 position (06A2) (DIPARTIMENTO DI MEDICINA MOLECOLARE, Università Sapienza, DR 2237/2019 del 30/07/2019)

RTDA position MED/04 (06A2) (DIPARTIMENTO DI MEDICINA SPERIMENTALE DELL'UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA, DD rep 670/2019)

Full Professor position MED/04 (06A2) (DIPARTIMENTO DI MEDICINA MOLECOLARE, Università Sapienza, DR 2111/2018 del 22/08/2018)

RTDA position MED/05 (06A2) (DIPARTIMENTO DI MEDICINA SPERIMENTALE DELL'UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA, DD 671/2019, 29.10.2019)

RTDA position MED/04 (06A2) (DIPARTIMENTO DI MEDICINA SPERIMENTALE DELL'UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA, DD rep 813/2019. 20/12/2019),

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**

**2017/18-2018/19- President of the committee of the examination State for Pharmacy. University Tor Vergata**

#### **Supervisor of thesis**

**2004/13.** Faculty of Biology, University La Sapienza.

**2004/18.** School of Dietician, University "Tor Vergata"

**2005/18.** School of Science of Human Nutrition, University "Tor Vergata"

**2008/18.** 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**

2018-today. PhD course in TISSUE ENGINEERING AND REMODELING BIOTECHNOLOGIES FOR BODY FUNCTION

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 diallyl 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- $\kappa$ B 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”.

**2018. Gream 2 project. Department of Defence.** "Genotoxicity of electromagnetic radiation in military applications"

**2018. Scientific research of University “Tor Vergata”-MISSION: SUSTAINABILITY.** “The use of specific drug cocktails to boost the immune response and antitumor activity of the ErbB2/neu anti-cancer vaccine in head and neck cancer (HNC)”

**2019. Gream 3 project. Department of Defence.** "Genotoxicity of electromagnetic radiation in military applications"

**2020-2022. Project “Biological Effects of Radiofrequency Electromagnetic Fields (RFBIO)” European Defence Agency (EDA).**

**2020-2023. PRIN (MIUR).** Gene/environment interactions in breast and thyroid cancers: defining the biological role of and actioning endocrine disruptors (ED) and lifestyle to develop rational therapeutic/preventive interventions. ASTEROID- breASt Thyroid canCERs endOcrIne Disruptors.

**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”

## LIST OF PUBLICATIONS

### PEER REVIEWED

(Total IF: 721.17) (Journal Citation reports-Clarivate Analytics 2020)

(H-index: 35; total citations: 4478, best Clarivate Analytics/Scopus)

(Google Scholar: H index 42)

Top Italian Scientists Via-academy: cancer immunology, Biomedical Sciences. H index 42

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. Paravitana, 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: " $\beta$ -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. Uchino, 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. Uchino, 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: " $\alpha$ -linoleic acid-enriched diet prevents myocardial damage and expands longevity in cardiomyopathic hamsters". **American J. Pathology** 169:1913-1924, 2006.

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