

compilare i seguenti campi:

<p>Prof. Sergio Bernardini</p> 	<p><i>Full Professor in Clinical Biochemistry and Clinical Molecular Biology-Head Physician of the Clinical Biochemistry and Laboratory Emergency Units</i></p> <p>University of Tor Vergata Hospital, Viale Oxford 81, 00133 Rome-Italy-1st floor, Clinical Biochemistry Lab., office 147 Tel.: +39 06 20902262</p> <p>Mail:bernardini@med.uniroma2.it</p>
<p>Education</p> <p>1986: Doctor of Medicine, University of Rome "La Sapienza" 1990: Postgraduate specialization in Pediatrics, University of Rome Tor Vergata 1990-1991: Internship at the Department of Endocrinology, Karolinska Sjukhuset, Stockholm 1995: PhD in Paediatrics, University of Rome Tor Vergata 1998: Postgraduate Specialization in Clinical Biochemistry, University of Camerino</p> <p>Work Experience</p> <p>1997-2010: Research consultant in Clinical Biochemistry and Clinical Molecular Biochemistry, Bambino Gesù Children Hospital, Rome. 1998-2001: Researcher in Clinical Biochemistry at the Department of Internal Medicine, University of Rome Tor Vergata. 2000-present: Member of the Professors' Committee for the PhD programme in Biochemical Sciences, University of Rome Tor Vergata. 2002-2012: President of undergraduate course in "Diagnostic laboratory techniques in the medical field". 2002-2006: Associate Professor in Clinical Biochemistry and Clinical Molecular Biochemistry at the Department of Internal Medicine, University of Rome Tor Vergata. 2007-present: Full Professor in Clinical Biochemistry and Clinical Molecular Biochemistry at the Department of Experimental Medicine and Surgery, University of Rome Tor Vergata. 2008-2010: Visiting scientist at the Medical Research Council-Toxicology Unit, Leicester, U.K 2012-present: Director of the Postgraduate Specialization in Clinical Pathology and Clinical Biochemistry University of Rome Tor Vergata.</p>	

compilare i seguenti campi:

2012-present: Director of the Postgraduate Master in “Ethical regulatory and methodological aspects of clinical trials” University of Rome Tor Vergata.

2013-present: President of degree course in Pharmacy, University of Rome Tor Vergata.

2016: Director of the Inter Dipartimental Center for Culture and Science of Sport, University of Tor Vergata.

2016: Dean of the Degree in of Sport and Exercise Sciences, University of Tor Vergata.

Current Teaching Responsibilities

Clinical Biochemistry and Clinical Molecular Biology in the following Courses at the University of Tor Vergata, Rome:

- Bachelor course in Diagnostic laboratory techniques in the medical field;
- Degree courses in Medicine, Medical Biotechnologies;
- School of Sport and Exercise Sciences;
- Postgraduate courses in Clinical Biochemistry, Gastroenterology, Neurology, Medical Genetics, Allergology and Immunology, Paediatrics, Surgery
- Degree Course in Pharmacy

Scientific Interests

From 1984 to 1991 my research focused on paediatric endocrinology with particular interest in growth hormone and insulin like growth factors and their binding proteins. From 1991 to 1998 my studies concentrated on the role of the molecules described above and on retinoids in the apoptotic pathways in oncology, in particular neuroblastoma.

Since 1998 I have focused on Glutathione transferases, a family of enzymes involved in cell detoxification and in the control of the programmed cell death. This work has concentrated on the role of those enzymes in the mechanisms responsible for drug resistance depending on changes in the redox status of the cell. As part of this research I have set up and managed a cell and molecular biology laboratory able to perform qRT-PCR and microarray for differential gene expression as well as some applications in Proteomics.

Since 2003 I have collaborated in the application of molecular biology methods and proteomics techniques in research applied to neurodegenerative diseases, oncology and pharmacogenetics.

Since 2009 I have collaborated in the application of molecular biology and biochemical methods (NMR) to monitoring of sport training and performance.

Hospital Work

1994 to 1997: assistant to the Clinical Biochemistry Laboratory of Bambino Gesù Children Hospital of Rome.

2000 to 2006: chief of the Allergology and Autoimmunity sections at the Tor

compilare i seguenti campi:

Vergata University Hospital of Rome.

2007-2012: Head physician of the Clinical Molecular Biology Unit.

2012-present: Head physician of the Clinical Biochemistry and Laboratory
Emergency Units

Member of :

Italian Society of Clinical Biochemistry and Clinical Molecular Biology (SIBioC):
President Elect

2012-present: Secretary of the International Federation Clinical Chemistry and
Laboratory Medicine (IFCC)

2016-present: member of the Editorial Board of Clinica Chimica Acta

Publications 2010-2017

Sancesario G, Esposito Z, Nuccetelli M, BERNARDINI S, Sorge R, Martorana A, Federici G, Bernardi G, Sancesario G. Selective influence of handling temperature on detection of Ab42 in the CSF of Alzheimer's disease: indication of a reversible process of Ab42 aggregation?
Exp. Neurology 2010;223:371-376.

Spalletta G, Morris DW, Angelucci F, Rubino IA, Spoletini I, Bria P, Martinetti G, Siracusano A, Bonaviri G, BERNARDINI S, Caltagirone C, Bossù P, Donohoe G, Gill M, and Corvin AP. BDNF Val66Met polymorphism is associated with overt aggression in schizophrenia.
Eur Psychiatry 2010; 25:311-313.

Sayan BS, Yang AL, Conforti F, BERNARDINI S, Tucci P, Vasa-Nicotera M, Knight RA, Melino G. Induction of Tap63 by histone deacetylase inhibitors.
Biochem Biophys Res Commun. 2010, 22:1748-51

Gaziev J, Spitaleri L, Lucarelli G, Mozzi AF, Nguyen L, Puozzo C, Dannoso Perrone M, Sodani P, Andreani M, Gravina P, Formosa A, Federici G, BERNARDINI S, Marziali M, Isgrò A. Novel Pharmacokinetic behavior of intravenous busulfan in children with talassemia undergoing hematopoietic stem cell transplantation: a prospective evaluation of pharmacokinetic and pharmacodynamic profile with therapeutic drug monitoring.
Blood, 2010; 115(22):4597-604.

Kalimutho M, Del Vecchio Blanco G, Gravina P, Cretella M, Mannucci L, Mannisi E, Formosa A, Pallone F, Federici G, BERNARDINI S. Quantitative denaturing high performance liquid chromatography (Q-dHPLC) detection of APC Long DNA in faeces from colorectal cancer patients.
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Liguori PF, Valentini A, Palma MG, Bellusci A, BERNARDINI S, Ghedini M, Panno ML, Pettinari C, Marchetti F, Crispini A, Pucci D. Non classical anticancer agents: synthesis and biological evaluation of zinc(II) heteroleptic complexes.
Dalton Trans 2010; 39:4205-4212.

Ticconi C, Rotondi F, Veglia M, Pietropolli A, BERNARDINI S, Ria F, Caruso A, Di Simone N. Antinuclear autoantibodies in women with recurrent pregnancy loss.

compilare i seguenti campi:

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Sayan BS, Li Yang A, Conforti F, Tucci P, Piro C, Browne GJ, Agostini M, BERNARDINI S, Knight RA, Mak TW, Melino G. Differential control of Tap73 and DNp73 protein stability by the ring finger ubiquitin ligase PIR2.
PNAS 2010;107:12877-82.

D'Aguanno S, Franciotta D, Lupisella S, Barassi A, Pieragostino D, Lugaesi A, Centonze D, D'Erl GM, BERNARDINI S, Federici G, Urbani A. Protein profiling of Guillain-Barré Syndrome cerebrospinal fluid by two dimensional electrophoresis and mass spectrometry.
Neurosci Lett. 2010; 485:49-54.

Ricci V, Pomponi M, Martinotti G, Bentivoglio A, Loria G, BERNARDINI S, Caltagirone C, Bria P, Angelucci F. Antidepressant treatment restores Brain-Derived Neurotrophic Factor serum levels and ameliorates motor function in Parkinson disease patients.
J Clin Psychopharmacology 2010; 30: 751-753.

Mori F, Rossi S, Sancesario G, Codecà C, Mataluni G, Monteleone F, Buttari F, Kusayanagi H, Castelli M, Motta C, Studer V, Bernardi G, Koch G, Bernardini S, Centonze D. Cognitive and Cortical Plasticity Deficits Correlate with Altered Amyloid- β CSF Levels in Multiple Sclerosis.
Neuropsychopharmacology. 2011;36:559-568.

Rossi S, Buttari F, Studer V, Motta C, Gravina P, Castelli M, Mantovani V, Di Chiara V, Musella A, Fiore S, Masinin S, Bernardi G, Maccarrone M, BERNARDINI S and Centonze D. The (AAT)_n repeat of the cannabinoid CB1 receptor gene influences disease progression in relapsing multiple sclerosis.
Multiple Sclerosis J 2011; 17:281-288.

D'Aguanno S, D'Alessandro A, Pieroni L, Roveri A, Zaccarin M, Marzano V, De Canio M, BERNARDINI S, Federici G, Urbani A. New insights into neuroblastoma cisplatin resistance: a comparative proteomic and meta-mining investigation"
Journal of Proteome Research 2011;10:416-428.

Ticconi C, Mancinelli F, Gravina P, Federici G, Piccione E, BERNARDINI S.
Beta-Fibrinogen G-455 Polymorphisms and recurrent miscarriage.
Gynecologic and Obstetric Investigation 2011; 71:198-201.

Kalimutho M, Del Vecchio Blanco G, Cretella M, Sileri P, Mannisi E, Mannucci L, Gravina P, Formosa A, Pallone F, Federici G, BERNARDINI S. A non-invasive multi-target Q-dHPLC DNA integrity assay, calprotectin and iFOBT for colorectal cancer detection.
Int J Colorectal Disease. 2011 ; 26:583-592.

Donohoe G, Rose E, Frodl T, Morris D, Spoletini I, Adriano F, Bernardini S, Caltagirone C, Bossù P, Gill M, Corvin AP, Spalletta G. ZNF804A risk allele is associated with relatively intact gray matter volume in patients with schizophrenia.
NeuroImage 2011; 54:2132-2137.

Angelucci F, Croce N, Spalletta G, Dionallo V, Gravina P, Bossù P, Federici G, Caltagirone C,

compilare i seguenti campi:

BERNARDINI S. Paroxetine rapidly modulates the expression of brain-derived neurotrophic factor mRNA and protein in human glioblastoma-astrocytoma cell line.
Pharmacology 2011;87:5-10.

Cerasa A, Quattrone A, Gioia MC, Magariello A, Muglia M, Assogna F, BERNARDINI S, Caltagirone C, Bossù P, Spalletta G. MAO A VNTR Polymorphism and amygdala volume in healthy subjects.
Psychiatry Res 2011; 191:87-91.

Viticchiè G, Lena AM, Latina A, Formosa A, Gregersen LH, Lund AH, Bernardini S, Mauriello A, Miano R, Spagnoli LG, Knight RA, Candi E, Melino G. MiR-203 controls proliferation, migration and invasive potential of prostate cancer cell lines.
Cell Cycle. 2011;10: 1121-31.

Kalimutho M, Minutolo A, Grelli S, Formosa A, Sancesario G, Valentini A, Federici G, BERNARDINI S. Satraplatin (JM16) mediates G2/M cell cycle arrest and potentiates apoptosis via multiple death pathways in colorectal cells: the next generation of oral platinum targets for colorectal cancer treatment.
Cancer Chemotherapy and Pharmacology 2011 ; 67:1299-312.

Rossi R, Mancino R, Bergami A, Mori F, Castelli M, De Chiara V, Studer V, Mataluni G, Sancesario G, Parisi V, Kasayanagi H, Bernardi G, Nucci C, BERNARDINI S, Martino G, Furlan R, Centonze D. Potential role of IL-13 in neuroprotection and cortical excitability regulation in multiple sclerosis.
Mult Scler. 2011 Nov;17(11):1301-12.

Kalimutho M, Di Cecilia S, Del Vecchio Blanco G, Roviello F, Sileri P, Cretella M, Formosa A, Corso G, Marrelli D, Pallone F, Federici G, BERNARDINI S. Epigenetically silenced miR-34b/c as a novel faecal-based screening marker for colorectal cancer.
British Journal of Cancer 2011; 104: 1770-1778.

Mattsson N, Andreasson Ulf, Persson S, Albert M, Arai H, Batish D, BERNARDINI S et al. The Alzheimer's Association external quality control program for CSF biomarkers.
Alzheimers Dement. 2011 Jul;7(4):386-395.

Croce N, Dinallo V, Ricci V, Federici G, Caltagirone C, BERNARDINI S, Angelucci F. Neuroprotective effect of neuro peptide Y against Beta-amyloid 25-35 toxicity in SH-SY5Y neuroblastoma cells is associated with increased neurotrophin production.
Neurodegenerative Diseases 2011; 8: 300-309.

Gravina P, Spoletini I, Masini S, Valentini A, Vanni D, Paladini E, Bossù P, Caltagirone C, Federici G, Spalletta G, BERNARDINI S. Genetic polymorphisms of glutathione S-transferases GSTM1, GSTT1, GSTP1 and GSTA1 as risk factor for schizophrenia.
Psychiatric Research 2011; 187: 454-456.

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Kalimutho M, Del Vecchio Blanco G, Di Cecilia S, Sileri P, Cretella M, Formosa A, Pallone F, Federici G and BERNARDINI S. Differential expression of miR-144* as a novel fecal-based diagnostic marker for colorectal cancer.

Journal of Gastroenterology 2011;46(12):1391-402.

Formosa A, Cristina Piro M, Maturo P, Docimo R, Sollecito DRM, Kalimutho M, Sancesario G, Barlattani A, Melino G, Candi E, and BERNARDINI S. Salivary miRNA profiles change with dentition period in children.

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D'Alessandro A, D'Aguzzo S, Cencioni MT, Pieroni L, Diamantini A, Battistini L, Longone P, Spalloni A, De Laurenzi V, BERNARDINI S, Federici G, Urbani A. Protein repertoire impact of Ubiquitin-Proteasome System impairment: Insight into the protective role of beta-estradiol.

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D'Aguzzo S, D'Agnano I, De Canio M, Rossi C, BERNARDINI S, Federici G, Urbani A. Shotgun proteomics and network analysis of neuroblastoma cell lines treated with curcumin.

Mol Biosyst. 2012 1;8:1068-77.

Adornetto G, Volpe G, De Stefano A, Martini S, Gallucci G, Manzoni A, BERNARDINI S, Mascini M, Moscone D. An ELIME assay for the rapid diagnosis of coeliac disease.

Anal Bioanal Chem. 2012;403:1191-4..

Monteleone G, Fantini MC, Onali S, Zorzi F, Sancesario G, BERNARDINI S, Calabrese E, Viti F, Monteleone I, Biancone L, Pallone F. Phase I Clinical Trial of Smad7 Knockdown Using Antisense Oligonucleotide in Patients With Active Crohn's Disease.

Mol Ther. 2012; 20:870-6.

Martorana A, Sancesario GM, Esposito Z, Nuccetelli M, Sorge R, Formosa A, Dinallo V, Bernardi G, BERNARDINI S, Sancesario G. Plasmin system of Alzheimer's disease patients: CSF analysis.

J Neuronal Transmission 2012 ;119;763-9.

Croce N, Ciotti T, Gelfo F, Cortelli S, Federici G, Caltagirone C, BERNARDINI S, Angelucci F. Neuropeptide Y protects rat cortical neurons against beta-amyloid toxicity and re-establishes synthesis and release of nerve growth factor.

ACS Chemical Neuroscience 2012; 18:312-8.

Martorana A, Esposito Z, Di Lorenzo F, Giacobbe V, Sancesario GM, Bucchi G, Bonni S, Bernardi S, Sorge R, Sancesario G, Bernardi G, Caltagirone C, Koch G. Cerebrospinal fluid levels of A β 42 relationship with cholinergic cortical activity in Alzheimer's disease patients.

J Neural Transm, 2012 Jul;119(7):771-8

compilare i seguenti campi:

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J Alzheimers Dis. 2012;1;31:865-78.

Gelfo F, Tirassa P, De Bartolo P, Croce N, Bernardini S, Caltagirone C, Petrosini L, Angelucci F. NPY Intraperitoneal Injections Produce Antidepressant-Like Effects and Downregulate BDNF in the Rat Hypothalamus. CNS

Neurosci Ther. 2012 Jun;18(6):487-92.

Spalletta G, Piras F, Gravina P, Bello ML, Bernardini S, Caltagirone C. Glutathione S-transferase alpha 1 risk polymorphism and increased bilateral thalamus mean diffusivity in schizophrenia.

Psychiatry Res. 2012;203:180-3.

Sirolli V, Rossi C, Di Castelnuovo A, Felaco P, Amoroso L, Zucchelli M, Ciavardelli D, Di Ilio C, Sacchetta P, Bernardini S, Arduini A, Bonomini M, Urbani A. Toward personalized hemodialysis by low molecular weight amino-containing compounds: future perspective of patient metabolic fingerprint.

Blood Transfus. 2012 May;10 Suppl 2:s78-88.

Urbani A, Sirolli V, Lupisella S, Levi-Mortera S, Pavone B, Pieroni L, Amoroso L, Di Vito R, Bucci S, Bernardini S, Sacchetta P, Bonomini M. Proteomic investigations on the effect of different membrane materials on blood protein adsorption during haemodialysis.

Blood Transfus. 2012 May;10 Suppl 2:s101-12.

Angeletti S, Battistoni F, Fioravanti M, Bernardini S, Dicuonzo G. Procalcitonin and mid-regional pro-adrenomedullin test combination in sepsis diagnosis.

Clin Chem Lab Med. 2013 May;51(5):1059-67.

Croce N, Gelfo F, Ciotti MT, Federici G, Caltagirone C, Bernardini S, Angelucci F. NPY modulates miR-30a-5p and BDNF in opposite direction in an in vitro model of Alzheimer disease: a possible role in neuroprotection?

Mol. Cell. Biochem. 2013 Apr;376(1-2):189-95.

Bonmassar L, Marchesi F, Pascale E, Franzese O, Margison GP, Bianchi A, D'Atri S, BERNARDINI S, Lattuada D, Bonmassar E, Aquino A. Triazene Compounds in the Treatment of Acute Myeloid Leukemia: a Short Review and a Case Report.

Curr Med Chem. 2013;20(19):2389-401.

Sacchetti C, Motamedchaboki K, Magrini A, Palmieri G, Mattei M, Bernardini S, Rosato N, Bottini N, Bottini M. Surface polyethylene glycol conformation influences the protein corona of polyethylene glycol-modified single-walled carbon nanotubes: potential implications on biological performance.

ACS Nano. 2013 Mar 26;7(3):1974-89.

compilare i seguenti campi:

Koch G, Belli L, Giudice TL, Di Lorenzo F, Sancesario GM, Sorge R, BERNARDINI S, Martorana A. Frailty among Alzheimer's Disease Patients. *CNS Neurol Disord Drug Targets*. 2013, 12(4):507-11.

Croce N, Bernardini S, Di Cecca S, Caltagirone C, Angelucci F. Hydrochloric acid alters the effect of l-glutamic acid on cell viability in human neuroblastoma cell cultures. *Neurosci Methods*. 2013 Jul 15;217(1-2):26-30.

Sancesario G, Esposito Z, Mozzi AF, Sancesario GM, Martorana A, Giordano A, Sorge R, Mari B, Spalletta G, Marciani MG, Bernardini S. Transient global amnesia: linked to a systemic disorder of amino acid catabolism? *J Neurol*. 2013 May;260(5):1429-32.

Duranti F, Pieri M, Centonze D, Buttari F, Bernardini S, Dessi M. Determination of kFLC and K Index in cerebrospinal fluid: A valid alternative to assess intrathecal immunoglobulin synthesis. *J Neuroimmunol*. 2013 Aug 1. Epub ahead of print] PubMed PMID: 23916392.

Matteucci C, Sorrentino R, Bellis L, Ettore GM, Svicher V, Santoro R, Vennarecci G, Biasiolo A, Pontisso P, Scacciatelli D, Beneduce L, Sarrecchia C, Casalino P, Bernardini S, Pierimarchi P, Garaci E, Puoti C, Rasi G. Detection of high levels of Survivin-IgM immune complex in sera from hepatitis C virus infected patients with cirrhosis. *Hepatology Res*. 2013 Sep 16. [Epub ahead of print] PubMed PMID: 24102797.

Formosa A, Markert EK, Lena AM, Italiano D, Finazzi-Agro' E, Levine AJ, Bernardini S, Garabadgiu AV, Melino G, Candi E. MicroRNAs, miR-154, miR-299-5p, miR-376a, miR-376c, miR-377, miR-381, miR-487b, miR-485-3p, miR-495 and miR-654-3p, mapped to the 14q32.31 locus, regulate proliferation, apoptosis, migration and invasion in metastatic prostate cancer cells. *Oncogene*. 2013 Oct 28. [Epub ahead of print] PubMed PMID: 24166498.

Rossi S, Bozzali M, Bari M, Mori F, Studer V, Motta C, Buttari F, Cercignani M, Gravina P, Mastrangelo N, Castelli M, Mancino R, Nucci C, Sottile F, Bernardini S, Maccarrone M, Centonze D. Association between a Genetic Variant of Type-1 Cannabinoid Receptor and Inflammatory Neurodegeneration in Multiple Sclerosis. *PLoS One*. 2013 Dec 31;8(12):e82848.

Mattsson N, Andreasson U, Persson S, Carrillo MC, Collins S, Chalbot S, et al., Alzheimer's Association QC Program Work Group. CSF biomarker variability in the Alzheimer's Association quality control program. *Alzheimers Dement*. 2013;9(3):251-61.

Noce A, Fabrini R, Dessi M, Bocedi A, Santini S, Rovella V, Pastore A, Tesauro M, Bernardini S, Di Daniele N, Ricci G. Erythrocyte glutathione transferase activity: a possible early biomarker for blood toxicity in uremic diabetic patients. *Acta Diabetol*. 2014; 51: 219-224.

Rossi S, Motta C, Studer V, Barbieri F, Buttari F, Bergami A, Sancesario G, Bernardini S, De Angelis G, Martino G, Furlan R, Centonze D. Tumor necrosis factor is elevated in progressive multiple sclerosis and causes excitotoxic neurodegeneration.

compilare i seguenti campi:

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Santone C, Dinallo V, Paci M, D'Ottavio S, Barbato G, Bernardini S. Saliva metabolomics by NMR for the evaluation of sport performance.

J Pharm Biomed Anal. 2014 Jan;88:441-6.

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J Psychopharmacol. 2014 Apr 2. [Epub ahead of print] PubMed PMID: 24699060.

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Lipids Health Dis. 2014 Mar 21;13(1):54.

Liguori C, Placidi F, Albanese M, Nuccetelli M, Izzi F, Marciani MG, Mercuri NB, Bernardini S, Romigi A. CSF beta-amyloid levels are altered in narcolepsy: a link with the inflammatory hypothesis?

J Sleep Res. 2014 Feb 19. doi: 10.1111/jsr.12130

Massimi A, Malaponti M, Federici L, Vinciguerra D, Manca Bitti ML, Vottero A, Ghizzoni L, Maccarrone M, Cappa M, Bernardini S, Porzio O.

Functional and structural analysis of four novel mutations of CYP21A2 gene in Italian patients with 21-hydroxylase deficiency.

Horm Metab Res. 2014 Jun;46(7):515-20.

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Direct Analytical Sample Quality Assessment (DASQ) for Biomarker Investigation: qualifying CSF samples.

Proteomics. 2014 Jul 15. doi: 10.1002/pmic.201300565.

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The effect of neuropeptide Y on cell survival and neurotrophin expression in in-vitro models of Alzheimer's disease. Can J Physiol Pharmacol. 2014 Jun 13:1-10.

Doldo E, Costanza G, Ferlosio A, Passeri D, Bernardini S, Scioli MG, Mazzaglia D, Agostinelli S, Del Bufalo D, Czernobilsky B, Orlandi A. CRBP-1 Expression in Ovarian Cancer: A Potential Therapeutic Target.

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Liguori C, Romigi A, Nuccetelli M, Zannino S, Sancesario G, Martorana A, Albanese M, Mercuri N, Izzi F, Bernardini S, Nitti A, Sancesario G, Sica F, Marciani M, Placidi F. Orexinergic system dysregulation is related to sleep impairment and cognitive decline in Alzheimer's disease. *JAMA Neurology* 2014;71:1498-505.

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Capuani B, Della-Morte D, Donadel G, Caratelli S, Bova L, Pastore D, De Canio M, D'Aguanno S, Coppola A, Pacifici F, Arriga R, Bellia A, Ferrelli F, Tesauro M, Federici M, Neri A, Bernardini S, Sbraccia P, Di Daniele N, Sconocchia G, Orlandi A, Urbani A, Lauro D. Liver Protein Profiles in Insulin Receptor Knockout Mice Reveal Novel Molecules Involved in the Diabetes Pathophysiology. *Am J Physiol Endocrinol Metab.* 2015 Feb 24;ajpendo.00447.2014.

Gentile A, Mori F, Bernardini S, Centonze D. Role of amyloid- β CSF levels in cognitive deficit in MS. *Clin Chim Acta.* 2015 Feb 7. pii: S0009-8981(15)00057-1

Davoli A, Greco V, Spalloni A, Guatteo E, Neri C, Rizzo GR, Cordella A, Romigi A, Cortese C, Bernardini S, Sarchielli P, Cardaioli G, Calabresi P, Mercuri NB, Urbani A, Longone P. Evidence of hydrogen sulfide involvement in amyotrophic lateral sclerosis. *Ann Neurol.* 2015 Jan 27. doi: 10.1002/ana.24372.

Liguori C, Placidi F, Izzi F, Albanese M, Nuccetelli M, Bernardini S, Marciani MG, Mercuri NB, Romigi A. May CSF beta-amyloid and tau proteins levels be influenced by long treatment duration and stable medication in narcolepsy? *Sleep Med.* 2014 Nov;15(11):1424.

Pieroni L, Levi Mortera S, Greco V, Sirolli V, Ronci M, Felaco P, Fucci G, De Fulviis S, Massoud R, Condò S, Capria A, Di Daniele N, Bernardini S, Urbani A, Bonomini M. Biocompatibility assessment of haemodialysis membrane materials by proteomic investigations.

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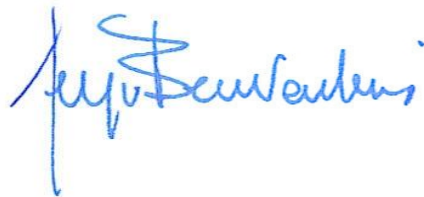
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