

CURRICULUM DIDATTICO-SCIENTIFICO DEL PROF. SERGIO BERNARDINI

DATI PERSONALI

Nome e Cognome: Sergio Bernardini

Luogo e data di nascita: Roma, 2 Marzo 1961

ATTUALE POSIZIONE: Professore Ordinario

Dipartimento: Medicina Sperimentale e Chirurgia

Indirizzo: Viale Oxford 81

Numero studio: PTV, 1p, st. 147

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Orario ricevimento: 9-11 Lun-Ven

Settore scientifico-disciplinare: BIO/12



ATTIVITA' DIDATTICA - SCIENTIFICA

Titoli accademici e di studio:

16/10/1986: Laurea in Medicina e Chirurgia presso l'Università di Roma "La Sapienza".

Dal 1/11/2009 presta servizio in qualità di Professore ordinario c/o il Dipartimento di Medicina Interna, Cattedra di Biochimica Clinica dell'Università degli Studi di Roma Tor Vergata.

2002-2013 Presidente del Consiglio di Corso di Laurea in Tecniche Diagnostiche di Laboratorio Biomedico dell'Università degli Studi di Roma Tor Vergata.

Dal 2011 è Direttore della Scuola di Specializzazione in Biochimica Clinica dell'Università degli Studi di Roma Tor Vergata (oggi Patologia Clinica e Biochimica Clinica)

2012 -2016 Presidente del Corso di Laurea in Farmacia in lingua inglese dell'Università degli Studi di Roma Tor Vergata (Degree of Pharmacy).

Dal 2016 Delegato del Rettore per lo Sport di Ateneo e presidente del CdL in Scienze Motorie.

Dal 2016: Direttore del Centro Interdipartimentale di Scienze e Cultura dello Sport dell'Università di Tor Vergata.

Dal 2018: Direttore del Centro InterAteneo di Sport Sociale (Tor Vergata e Roma TRE)

2012-2017 Segretario Generale della International Federation of Clinical Chemistry and Laboratory Medicine (IFCC).

Dal 2018: Chair della "Emerging technologies Division" dell' International Federation of Clinical Chemistry and Laboratory Medicine (IFCC).

Dal 2018: Presidente della società Italiana di Biochimica Clinica e Medicina di laboratorio (SIBioC)

Formazione post-laurea presso istituzioni italiane ed estere ed incarichi professionali (didattici e di ricerca):

16/7/1990: Specializzazione in Pediatria presso la Clinica Pediatrica dell'Università "Tor Vergata"

1990-1991: borsista presso il Dipartimento di Endocrinologia del Karolinska

26/10/95 conseguimento del titolo di Dottore di Ricerca in Scienze Pediatriche (Auxologia) presso la Facoltà di Scienze-Università di Tor Vergata

5/11/98 conseguimento della Specializzazione in Biochimica e Chimica Clinica presso l'Università di Camerino.

Finanziamenti e premi ricevuti per attività di ricerca:

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Attività di ricerca: 15 pubblicazioni selezionate

- Improvement of ALT decay kinetics by all-oral HCV treatment: Role of NS5A inhibitors and differences with IFN-based regimens. *PLoS One*. 2017 May 18;12(5):e0177352. eCollection 2017.
- Colica C, Merra G, Gasbarrini A, De Lorenzo A, Cioccoloni G, Gualtieri P, Perrone MA, Bernardini S, Bernardo V, Di Renzo L, Marchetti M. Efficacy and safety of very-low-calorie ketogenic diet: a double blind randomized crossover study. *Eur Rev Med Pharmacol Sci*. 2017 May;21(9):2274-2289.
- Liguori C, Chiaravalloti A, Nuccetelli M, Izzi F, Sancesario G, Cimini A, Bernardini S, Schillaci O, Mercuri NB, Fabio P. Hypothalamic dysfunction is related to sleep impairment and CSF biomarkers in Alzheimer's disease. *J Neurol*. 2017 Sep 12. [Epub ahead of print] PubMed PMID:28900724.
- De Stefano A, Mannucci L, Massoud R, Bernardini S, Cortese C. Performance characteristics of lipoprotein-associated phospholipase A2 activity assay on the Dimension Vista analyser and preliminary study of a healthy Italian population. *Biochem Med (Zagreb)*. 2017 Oct 15;27(3):030701. doi: 10.11613/BM.2017.030701. Epub 2017 Aug 28.
- Liguori C, Romigi A, Izzi F, Placidi F, Nuccetelli M, Cordella A, Bernardini S, Biagio MN. Complement system dysregulation in patients affected by Idiopathic Generalized Epilepsy and the effect of antiepileptic treatment. *Epilepsy Res*. 2017 Sep 21;137:107-111. PubMed PMID: 28985614.
- Ialongo C, Bernardini S. Validation of the Six Sigma Z-score for the quality assessment of clinical laboratory timeliness. *Clin Chem Lab Med*. 2017 Oct 17. doi: 10.1515/cclm-2017-0642.
- Liguori C, Chiaravalloti A, Izzi F, Nuccetelli M, Bernardini S, Schillaci O, Mercuri NB, Placidi F. Sleep apnoeas may represent a reversible risk factor for amyloid- β pathology. *Brain*. 2017 Oct 25. doi: 10.1093/brain/awx281. [Epub ahead of print] PubMed PMID: 29077794.
- Pascarella A, Terracciano C, Farina O, Lombardi L, Esposito T, Napolitano F, Franzese G, Panella G, Tuccillo F, la Marca G, Bernardini S, Boffo S, Giordano A, Melone MAB, Di Iorio G, Sampaolo S. Vacuolated PAS-positive lymphocytes as an hallmark of Pompe disease and other myopathies related to impaired autophagy. *J Cell Physiol*. 2017 Dec 7. doi: 10.1002/jcp.26365.
- Legramante JM, Mastropasqua M, Susi B, Porzio O, Mazza M, Miranda Agrippino G, D Agostini C, Brandi A, Giovagnoli G, Di Lecce VN, Bernardini S, Minieri M. Prognostic performance of MR-pro-adrenomedullin in patients with community acquired pneumonia in the Emergency Department compared to clinical severity scores PSI and CURB. *PLoS One*. 2017 Nov 21;12(11):e0187702.
- Ialongo C, Bernardini S. Validation of the Six Sigma Z-score for the quality assessment of clinical laboratory timeliness. *Clin Chem Lab Med*. 2018 Mar 28;56(4):595-601.
- Sancesario GM, Nuccetelli M, Cerri A, Zegeer J, Severini C, Ciotti MT, Pieri M, Martorana A, Caltagirone C, Nistico R, Bernardini S. Bromelain degrades A β 1-42 monomers and soluble aggregates: an in vitro study in cerebrospinal fluid of Alzheimer's disease patients. *Curr Alzheimer Res*. 2018;15(7):628-636. doi: 10.2174/1567205015666180123124851.
- Pascarella A, Terracciano C, Farina O, Lombardi L, Esposito T, Napolitano F, Franzese G, Panella G, Tuccillo F, la Marca G, Bernardini S, Boffo S, Giordano A, Melone MAB, Di Iorio G, Sampaolo S. Vacuolated PAS-positive lymphocytes as an hallmark of Pompe disease and other myopathies related to impaired autophagy. *J Cell Physiol*. 2018 Aug; 233(8):5829-5837.
- Innaurato S, Brierley GV, Grasso V, Massimi A, Gaudino R, Sileno S, Bernardini S, Semple R, Barbetti F. Severe insulin resistance in disguise: A familial case of reactive hypoglycemia associated with a novel heterozygous INSR mutation. *Pediatr Diabetes*. 2018 Jun;19(4):670-674.
- Terrinoni A, Didona B, Caporali S, Chillemi G, Lo Surdo A, Paradisi M, Annichiarico-Petruzzelli M, Candi E, Bernardini S, Melino G. Role of the keratin 1 and keratin 10 tails in the pathogenesis of ichthyosis hystrix of Curth Macklin. *PLoS One*. 2018 Apr 24;13(4):e0195792. doi: 10.1371/journal.pone.0195792. eCollection 2018. PubMed PMID: 29689068; PubMed Central PMCID: PMC5918167.
- Terracciano C, Farina O, Esposito T, Lombardi L, Napolitano F, De Blasiis P, Ciccone G, Todisco V, Tuccillo F, Bernardini S, Di Iorio G, Melone MAB, Sampaolo S. Successful long-term therapy with flecainide in a family with paramyotonia congenita. *J Neurol Neurosurg Psychiatry*. 2018 Feb 27. pii: jnnp-2017-317615. doi: 10.1136/jnnp-2017-317615. [Epub ahead of print] PubMed PMID: 29487168.



Università degli Studi di Roma "Tor Vergata"

ACADEMIC AND SCIENTIFIC CURRICULUM OF PROF. SERGIO BERNARDINI

PERSONAL DATA

Name and Surname: Sergio Bernardini

CURRENT POSITION: Full professor

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Consulting hours: 9-11 Mon-Fri

Italian Ministry of Education Academic-Scientific sector: BIO/12



SCIENTIFIC AND DIDACTIC ACTIVITY

Education and academic positions:

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

Professional and didactic activities in Italian and Foreign Institutions: ...

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. 2012-2016: Director of the Postgraduate Master in "Ethical regulatory and methodological aspects of clinical trials" University of Rome Tor Vergata.

2013-2016: President of Degree course in Pharmacy, University of Rome Tor Vergata.

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

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

Awards and funding:

Research activity: 15 selected publications

- Improvement of ALT decay kinetics by all-oral HCV treatment: Role of NS5A inhibitors and differences with IFN-based regimens. *PLoS One*. 2017 May 18;12(5):e0177352. eCollection 2017.
- Colica C, Merra G, Gasbarrini A, De Lorenzo A, Cioccoloni G, Gualtieri P, Perrone MA, Bernardini S, Bernardo V, Di Renzo L, Marchetti M. Efficacy and safety of very-low-calorie ketogenic diet: a double blind randomized crossover study. *Eur Rev Med Pharmacol Sci*. 2017 May;21(9):2274-2289.
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- De Stefano A, Mannucci L, Massoud R, Bernardini S, Cortese C. Performance characteristics of lipoprotein-associated phospholipase A2 activity assay on the Dimension Vista analyser and preliminary study of a healthy Italian population. *Biochem Med (Zagreb)*. 2017 Oct 15;27(3):030701. doi: 10.11613/BM.2017.030701. Epub 2017 Aug 28.
- Liguori C, Romigi A, Izzi F, Placidi F, Nuccetelli M, Cordella A, Bernardini S, Biagio MN. Complement system dysregulation in patients affected by Idiopathic Generalized Epilepsy and the effect of antiepileptic treatment. *Epilepsy Res*. 2017 Sep 21; 137:107-111. PubMed PMID: 28985614.
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