



DIPARTIMENTO DI MEDICINA CLINICA
CURRICULUM DIDATTICO-SCIENTIFICO DEL PROF. MAURIZIO MUSCARITOLI

DATI PERSONALI

Nome e Cognome MAURIZIO MUSCARITOLI

Luogo e data di nascita: Torino 6 Maggio 1958

Stato Civile: Coniugato

Dipartimento Medicina Clin

Indirizzo Viale

dell'Università, 37 – 00185

Roma

Telefono uff./lab./mobile

06 4997 2016/06 4997 20 28/

3358308164

Fax06 4997 2016

Email:maurizio.muscaritoli@uni
a1.it



Settore Scientifico-Disciplinare: MED 09

Orario di Ricevimento: Lunedì 11-13

ATTUALE POSIZIONE

- Professore Associato di Medicina Interna MED 09
- Direttore, UOD Coordinamento Attività di Nutrizione Clinica

CARRIERA E TITOLI

2001- data attuale

Professore Associato di Medicina Interna

1991-2001

Ricercatore Universitariodi Medicina Interna

1991-1992:

Research Fellow, Dept. Of Surgery, SUNY Health Science Center, Syracuse, NY, USA

ATTIVITA' DIDATTICA

- 1) Medicina Interna Chir Gen. e Geriatr. VI anno I sem. CCL "B"
- 2) Metodologia Medico-Scientifica II, I anno, II sem CCL "B"
- 3) Metodologia Medico-Scientifica IV, II anno, II sem CCL "B"
- 4) CI Dietologia-Dietoterapia II anno II sem Laurea triennale I livello Area T/A Dietista – Sapienza Roma
- 5) Scuola di Specializzazione in Medicina Interna
- 6) Master II Livello in Nutrizione Clinica e Metabolismo, Dip. Medicina Clinica – Sapienza Roma



ATTIVITA' SCIENTIFICA

Nutrizione clinica e metabolismo: Fisiopatologia della cachessia neoplastica. Fisiopatologia della malnutrizione nelle malattie croniche. Nutrizione artificiale
1991-1992: Research Fellow, SUNY Research Fellow, Dept. of Surgery, SUNY Health Science Center, Syracuse, NY – USA,

ATTIVITA' ASSISTENZIALE

Responsabile, Unità operativa dipartimentale di Coordinamento Attività Nutrizione Clinica, Dipartimento di Medicina Clinica, Sapienza-Università di Roma

PUBBLICAZIONI SCIENTIFICHE (30 su un totale di 96 negli ultimi 15 anni)

1. Aversa Z, Bonetto A, Penna F, Costelli P, Di Rienzo G, Lacitignola A, Baccino FM, Ziparo V, Mercantini P, Rossi Fanelli F, **Muscaritoli M**. Changes in Myostatin Signaling in Non-Weight-Losing Cancer Patients. *Ann Surg Oncol*. 2011 Apr 26. IF 4.182
[Epub ahead of print] PubMed PMID: 21519918.
2. Fearon K, Strasser F, Anker SD, Bosaeus I, Bruera E, Fainsinger RL, Jatoi A, Loprinzi C, MacDonald N, Mantovani G, Davis M, **Muscaritoli M**, Ottery F, Radbruch L, Ravasco P, Walsh D, Wilcock A, Kaasa S, Baracos VE. Definition and classification of cancer cachexia: an international consensus. *Lancet Oncol*. 2011 May;12(5):489-95. Epub 2011 Feb 4. Review. PubMed PMID: 21296615. 17.464
3. **Muscaritoli M**, Molfino A, Gioia G, Laviano A, Rossi Fanelli F. The "parallel pathway": a novel nutritional and metabolic approach to cancer patients. *Intern Emerg Med*. 2011 Apr;6(2):105-12. Epub 2010 Jul 2. Review. PubMed PMID: 20596799. 2.139
4. **Muscaritoli M**, Anker SD, Argilés J, Aversa Z, Bauer JM, Biolo G, Boirie Y, Bosaeus I, Cederholm T, Costelli P, Fearon KC, Laviano A, Maggio M, Rossi Fanelli F, Schneider SM, Schols A, Sieber CC. Consensus definition of sarcopenia, cachexia and pre-cachexia: joint document elaborated by Special Interest Groups (SIG) "cachexia-anorexia in chronic wasting diseases" and "nutrition in geriatrics". *Clin Nutr*. 2010 Apr;29(2):154-9. Epub 2010 Jan 8. PubMed PMID: 20060626. 3.410
5. Cereda E, Pedrolli C, Lucchin L, D'Amicis A, Gentile MG, Battistini NC, Fusco MA, Palmo A, **Muscaritoli M**; PIMAI Group. Fluid intake and nutritional risk in non-critically ill patients at hospital referral. *Br J Nutr*. 2010 Sep;104(6):878-85. Epub 2010 May 7. PubMed PMID: 20447327. 3.072
6. **Muscaritoli M**, Molfino A, Bollea MR, Rossi Fanelli F. Malnutrition and wasting



- in renal disease. *Curr Opin Clin Nutr Metab Care*. 2009 Jul;12(4):378-83. Review.
PubMed PMID: 19474712 4.333
7. Bozzetti F, Arends J, Lundholm K, Micklewright A, Zurcher G, **Muscaritoli M**.
ESPEN. ESPEN Guidelines on Parenteral Nutrition: non-surgical oncology. *Clin
Nutr*. 2009 Aug;28(4):445-54. Epub 2009 May 23. PubMed PMID: 19477052 3.410
8. Costelli P, **Muscaritoli M**, Bonetto A, Penna F, Reffo P, Bossola M, Bonelli G,
Doglietto GB, Baccino FM, Rossi Fanelli F. Muscle myostatin signalling is
enhanced in experimental cancer cachexia. *Eur J Clin Invest*. 2008
Jul;38(7):531-8. PubMed PMID: 18578694. 2.736
9. Breccia M, **Muscaritoli M**, Cannella L, Stefanizzi C, Frustaci A, Alimena G.
Fasting glucose improvement under dasatinib treatment in an accelerated phase
chronic myeloid leukemia patient unresponsive to imatinib and nilotinib.
Leuk Res. 2008 Mar 3. [Epub ahead of print] No abstract available.
PMID: 18321570 [PubMed - as supplied by publisher] 2.555
10. Molfino A, Laviano A, Fanelli FR, , Chiappini MG, **Muscaritoli M**.
Is des-acyl ghrelin contributing to uremic anorexia?
Am J Clin Nutr. 2007 Nov;86(5):1550-1; author reply 1551-3. No abstract
available.
PMID: 17991673 [PubMed - indexed for MEDLINE] 6.606
11. **Muscaritoli M**, Molfino A, Chiappini MG, Laviano A, Ammann T, Spinsanti P,
Melchiorri D, Inui A, Alegiani F, Rossi Fanelli F.
Anorexia in hemodialysis patients: the possible role of des-acyl ghrelin.
Am J Nephrol. 2007;27(4):360-5. Epub 2007 Jun 8.
PMID: 17556836 [PubMed - indexed for MEDLINE] 2.658
12. Costelli P, **Muscaritoli M**, Bossola M, Penna F, Reffo P, Bonetto A, Busquets
S, Bonelli G, Lopez-Soriano FJ, Doglietto GB, Argilés JM, Baccino FM, Rossi
Fanelli F.
IGF-1 is downregulated in experimental cancer cachexia.
Am J Physiol Regul Integr Comp Physiol. 2006 Sep;291(3):R674-83. Epub 2006 Apr
13.
PMID: 16614058 [PubMed - indexed for MEDLINE] 3.284
13. **Muscaritoli M**, Bossola M, Aversa Z, Bellantone R, Rossi Fanelli F.
Prevention and treatment of cancer cachexia: new insights into an old problem.
Eur J Cancer. 2006 Jan;42(1):31-41. Epub 2005 Nov 28. Review.
PMID: 16314085 [PubMed - indexed for MEDLINE] 4.944



14. Breccia M, **Muscaritoli M**, Alimena G.
Reduction of glycosylated hemoglobin with stable insulin levels in a diabetic patient with chronic myeloid leukemia responsive to imatinib.
Haematologica. 2005 Nov;90 Suppl:ECR21. No abstract available.
PMID: 16266912 [PubMed - indexed for MEDLINE] 6.532
15. Bossola M, **Muscaritoli M**, Tazza L, Giungi S, Tortorelli A, Rossi Fanelli F, Luciani G.
Malnutrition in hemodialysis patients: what therapy?
Am J Kidney Dis. 2005 Sep;46(3):371-86. Review.
PMID: 16129199 [PubMed - indexed for MEDLINE] 5.242
16. Costelli P, **Muscaritoli M**, Bossola M, Moore-Carrasco R, Crepaldi S, Grieco G, Autelli R, Bonelli G, Pacelli F, Lopez-Soriano FJ, Argilés JM, Doglietto GB, Baccino FM, Rossi Fanelli F.
Skeletal muscle wasting in tumor-bearing rats is associated with MyoD down-regulation.
Int J Oncol. 2005 Jun;26(6):1663-8.
PMID: 15870883 [PubMed - indexed for MEDLINE] 2.571
17. Breccia M, **Muscaritoli M**, Aversa Z, Mandelli F, Alimena G.
Imatinib mesylate may improve fasting blood glucose in diabetic Ph+ chronic myelogenous leukemia patients responsive to treatment.
J Clin Oncol. 2004 Nov 15;22(22):4653-5. No abstract available.
PMID: 15542819 [PubMed - indexed for MEDLINE] 18.970
18. **Muscaritoli M**, Bossola M, Bellantone R, Rossi Fanelli F.
Therapy of muscle wasting in cancer: what is the future?
Curr Opin Clin Nutr Metab Care. 2004 Jul;7(4):459-66. Review.
PMID: 15192450 [PubMed - indexed for MEDLINE] 4.333
19. **Muscaritoli M**, Costelli P, Bossola M, Grieco G, Bonelli G, Bellantone R, Doglietto GB, Rossi-Fanelli F, Baccino FM.
Effects of simvastatin administration in an experimental model of cancer cachexia.
Nutrition. 2003 Nov-Dec;19(11-12):936-9.
PMID: 14624942 [PubMed - indexed for MEDLINE] 2.726
20. Bossola M, **Muscaritoli M**, Costelli P, Grieco G, Bonelli G, Pacelli F, Rossi Fanelli F, Doglietto GB, Baccino FM.
Increased muscle proteasome activity correlates with disease severity in gastric cancer patients.



- Ann Surg. 2003 Mar;237(3):384-9.
PMID: 12616123 [PubMed - indexed for MEDLINE] 7.474
21. Costelli P, Bossola M, **Muscaritoli M**, Grieco G, Bonelli G, Bellantone R, Doglietto GB, Baccino FM, Rossi Fanelli F.
Anticytokine treatment prevents the increase in the activity of ATP-ubiquitin- and Ca(2+)-dependent proteolytic systems in the muscle of tumour-bearing rats. Cytokine. 2002 Jul 7;19(1):1-5.
PMID: 12200106 [PubMed - indexed for MEDLINE] 3.537
22. **Muscaritoli M**, Grieco G, Capria S, Iori AP, Rossi Fanelli F.
Nutritional and metabolic support in patients undergoing bone marrow transplantation. Am J Clin Nutr. 2002 Feb;75(2):183-90. Review.
PMID: 11815308 [PubMed - indexed for MEDLINE] 6.606
23. **Muscaritoli M**, Fanfarillo F, Luzi G, Sirianni MC, Iebba F, Laviano A, Russo M, Aiuti F, Rossi Fanelli F.
Impaired nutritional status in common variable immunodeficiency patients correlates with reduced levels of serum IgA and of circulating CD4+ T lymphocytes. Eur J Clin Invest. 2001 Jun;31(6):544-9.
PMID: 11422405 [PubMed - indexed for MEDLINE] 2.847
24. Bossola M, **Muscaritoli M**, Costelli P, Bellantone R, Pacelli F, Busquets S, Argilès J, Lopez-Soriano FJ, Civello IM, Baccino FM, Rossi Fanelli F, Doglietto GB.
Increased muscle ubiquitin mRNA levels in gastric cancer patients. Am J Physiol Regul Integr Comp Physiol. 2001 May;280(5):R1518-23.
PMID: 11294777 [PubMed - indexed for MEDLINE] 3.284
25. Bossola M, **Muscaritoli M**, Bellantone R, Pacelli F, Cascino A, Sgadari A, Battaglia F, Piccioni E, Scambia G, Doglietto GB, Rossi Fanelli F.
Serum tumour necrosis factor-alpha levels in cancer patients are discontinuous and correlate with weight loss. Eur J Clin Invest. 2000 Dec;30(12):1107-12.
PMID: 11122326 [PubMed - indexed for MEDLINE] 2.847
26. Caso G, Scalfi L, Marra M, Covino A, **Muscaritoli M**, McNurlan MA, Garlick PJ, Contaldo F.
Albumin synthesis is diminished in men consuming a predominantly vegetarian diet.



- J Nutr. 2000 Mar;130(3):528-33.
PMID: 10702580 [PubMed - indexed for MEDLINE] 4.295
27. **Muscaritoli M**, Conversano L, Petti MC, Torelli GF, Cascino A, Mecarocci S, Annicchiarico MA, Rossi Fanelli F.
Plasma amino acid concentrations in patients with acute myelogenous leukemia.
Nutrition. 1999 Mar;15(3):195-9. Erratum in: Nutrition 1999 Nov-Dec;15(11-12):828.
PMID: 10198913 [PubMed - indexed for MEDLINE] 2.726
28. **Muscaritoli M**, Conversano L, Torelli GF, Arcese W, Capria S, Cangiano C, Falcone C, Rossi Fanelli F.
Clinical and metabolic effects of different parenteral nutrition regimens in patients undergoing allogeneic bone marrow transplantation.
Transplantation. 1998 Sep 15;66(5):610-6.
PMID: 9753341 [PubMed - indexed for MEDLINE] 3.676
29. **Muscaritoli M**, Micozzi A, Conversano L, Martino P, Petti MC, Cartoni C, Cascino A, Rossi-Fanelli F.
Oral glutamine in the prevention of chemotherapy-induced gastrointestinal toxicity.
Eur J Cancer. 1997 Feb;33(2):319-20. No abstract available.
PMID: 9135511 [PubMed - indexed for MEDLINE] 4.944
30. **Muscaritoli M**, Meguid MM, Beverly JL, Yang ZJ, Cangiano C, Rossi-Fanelli F.
Mechanism of early tumor anorexia.
J Surg Res. 1996 Feb 1;60(2):389-97.
PMID: 8598675 [PubMed - indexed for MEDLINE] 2.239

LIBRI (max 5)

1) Manuale Pratico di Nutrizione Artificiale nel Paziente Ospedalizzato

Autori: Maurizio Muscaritoli, Mauro Pittiruti

Editore: Eleda Edizioni, Milano

Pagine: 176

ISBN 9788896567043

Anno di pubblicazione: 1 ° Edizione 2002

Ristampa 2010

2) Manuale Pratico di Nutrizione Parenterale in Oncologia

Autori: Maurizio Muscaritoli, Enrico Cortesi

Editore: Mediprint, Roma

FACOLTÀ DI MEDICINA
E ODONTOIATRIA



SAPIENZA
UNIVERSITÀ DI ROMA

Pagine: 159

ISBN 978-88-902925-3-8

Anno di pubblicazione: 2010