

PERSONAL INFORMATION

LUCA MASSACCESI



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Date of birth 30/11/1969 Nationality Italian

PROFILE

Assistant Professor, SSD MED/46 – Laboratory Medicine Techniques

WORK EXPERIENCE

- 2018-present Assistant Professor; Dipartimento di Scienze Biomediche per la Salute. Università degli Studi di Milano.
- 2011-2018 Assistant Professor; Dipartimento di Scienze Biomediche, Chirurgiche e Odontoiatriche, Università degli Studi di Milano.
- 2002-2011 Assistant Professor, Dipartimento di Chimica, Biochimica e Biotecnologie per la Medicina, Università degli Studi di Milano.
- 2000-2002 Post-doctoral Fellow, Dipartimento di Chimica e Biochimica Medica, Università degli Studi di Milano

EDUCATION AND TRAINING

- 2000 Specialization in Clinical Biochemistry (70/70 cum Laude), Università degli Studi di Milano
- 1995 Graduation (Laurea) in Biological Sciences, Università degli Studi di Milano.

PERSONAL SKILLS

Mother Tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Spanish	B2	B2	B2	B2	B2
German	A2	A2	A2	A2	A2
French	A2	A2	A2	A2	A2

Communication skills ▪ Good communication skills

Organisational/managerial skills ▪ Good communication of team-leading

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Advances	Advanced	Advanced	Advanced	Advanced

- Good command of office suite (word processor, spread sheet, presentation software)
- Good command of statistical analysis software (IBM ISPSS)

ADDITIONAL INFORMATION

Research Activity

Luca Massaccesi is Assistant Professor in Laboratory Medicine Techniques (MED/46 field) at the University of Milan (from 2002). He got his degree in Biological Sciences at the University of Milan in 1995 and his Post-graduate Medical Specialization Degree (70/70 cum laude) in Clinical Biochemistry and Chemistry in 2000. From 2000 to 2002 he obtained a Postdoctoral fellowship at the Department of Chemistry, Biochemistry and Biotechnologies for Medical Sciences, University of Milan, under the supervision of Prof. Lombardo, to study biochemical features of Glycohydrolases of human erythrocyte membranes and their involvement in Diabetes. His research interest focused in the study of glycohydrolases as early markers of cellular damages, related to oxidative stress, in several pathologies, both acquired and congenital, in physiological and pathological ageing processes and in the monitoring of therapies. These studies lead to different publication during the years (Goi et al, *Metabolism: Clinical and Research*, 2000; Venerando et al, *Blood*, 2002; Goi et al, *Bioch. Bioph. Acta*, 2005; Goi et al, *J. Nephrol.*, 2009; Massaccesi et al, *Clin. Biochem.*, 2011; Galliera et al, *International Journal of Immunopathology and Pharmacology*, 2017; Massaccesi et al, *Disease Markers*, 2017 and Massaccesi et al, *Immunity & Ageing*, 2019).

More recently, in collaboration with different laboratories and researchers, his study have focused on cellular O-GlcNAcylation as marker of oxidative stress in physiological (Corsi et al, *Clin Chem Lab Med*, 2010) and pathological processes including Erectile Dysfunction (Massaccesi et al, *Disease Markers*, 2014), Down's syndrome (Massaccesi et al, *Mechanism of Ageing and Development*, 2006) or muscle wasting (Massaccesi et al, *Journal of Cellular Biochemistry*, 2016) and in the evaluation of oxidative balance and efficiency of natural antioxidants from food in the diet. (Erba et al, *Nutrition Research*, 2012).

Grants achieved: From 2003, he has been involved, as Principal Investigator and as Participant, in several grants on projects from University of Milan (FIRST, 2003-2007, and PUR, 2008-2009); from Italian Ministry of Education, Universities and Research, MIUR, (PRIN, 2002-2004-2006; FFABR 2017) and from Fondazione Cariplo (2015).

Publications

Publications: 87
ORCID 0000-0002-2690-7095

Recent Selected Publications

1. L. Massaccesi, G. Goi. C. Tringali, A. Barassi, B. Venerando, N. Papini “Dexamethasone-Induced Skeletal Muscle Atrophy Increases O-GlcNAcylation in C2C12 Cells”, *Journal of Cellular Biochemistry* 01/2016; doi:10.1002/jcb.25483 – IF=3.26
2. Barassi A, Corsi Romanelli MM, Pezzilli R, Damele C, Vaccaluzzo L, Goi G, Papini N, Colpi G, Massaccesi L, Melzi d’Eril GV. “Levels of L-Arginine and L-Citulline in patients with Erectile Dysfunction of different aetiology”, *Andrology*, 2017. doi:10.1111/andr.12293 – IF=2.515
3. Luca Massaccesi, Barbara Bonomelli, Monica Marazzi, Lorenzo Drago, Massimiliano M. Corsi Romanelli, Daniela Erba, Nadia Papini, Alessandra Barassi, Giancarlo Goi, and Emanuela Galliera. “Plasmatic soluble receptor for advanced glycation end products (sRAGE) as a new oxidative stress biomarker in patients with prosthetic-joint-associated infections?”, *Disease Markers*, Volume 2017, Article ID 6140896, 7 pages 2017, doi: 10.1155/2017/6140896. IF=2.348

4. Marazzi M.G., Randelli F., Brioschi M., Drago L., Romanò C.L., Banfi G., Massaccesi L., Crapanzano C., Morelli F., Corsi Romanelli M.M., Galliera E. "Presepsin: a potential biomarker of PJI? A Comparative Analysis with known and new infection biomarkers" *International Journal of Immunopathology and Pharmacology*, Vol XX:1-10, 2017, doi: 10.1177/0394632017749356. IF=2.347
5. Barassi A., Corsi Romanelli M.M., Pezzilli R., Dozio E., Damele, C., Vacalluzzo L, Di Datio M., Goi G., Papini N., Massaccesi L., Colpi G.M., Melzi d'Eril GV. "Levels of uric acid in erectile dysfunction of different aetiology", *The Aging Male*, 2018 Jan 12:1-6, doi: 10.1080/13685538.2017.1420158. IF=2.108
6. Erika Meroni, Nadia Papini, Franca Criscuoli, Maria C. Casiraghi, Luca Massaccesi, Nicoletta Basilico and Daniela Erba. "Metabolic Responses in Endothelial Cells Following Exposure to Ketone Bodies", *Nutrients*, 2018, 10, 250; doi: 10.3309/nu10020250. IF=3.550
7. Davide Cucchi, Alessandra Menon, Emanuela Galliera, Carmelo Messina, Beatrice Zanini, Monica Gioia Marazzi, Luca Massaccesi, Riccardo Compagnoni, Massimiliano M. Corsi Romanelli and Pietro Randelli. "A prospective assessment of peri-prosthetic bone mineral density and osteoimmunological biomarkers variations after total knee replacement surgery", *Journal of Clinical Densitometry* (2018), doi: 10.1016/j.jocd.2018.05.039. IF=3.240
8. Luca Massaccesi, Emanuela Galliera Daniela Galimberti, Chiara Fenoglio, Marina Arcaro, Giancarlo Goi, Alessandra Barassi, Massimiliano Marco Corsi Romanelli. "Lag-time in Alzheimer's disease patients: a potential plasmatic oxidative stress marker associated with ApoE4 isoform", *Immunity & Ageing*, (2019) 16:7, <https://doi.org/10.1186/s12979-019-0147-x>. IF=4.019
9. Luca Massaccesi, Vincenza Ragone, Nadia Papini, Giancarlo Goi, Massimiliano M.Corsi Romanelli, Emanuela Galliera. "Effects of Vitamin E-stabilized Ultra high molecular weight polyethylene on oxidative stress response and osteoimmunological response in human osteoblast" *Frontiers in endocrinology*, 2019, doi: 10.3389/fendo.2019.00203. IF=3.519
10. Galliera E, Massaccesi L., de Vecchi E, Banfi G, Romanelli MMC. "Clinical application of presepsin as diagnostic biomarker of infection: overview and updates." *Clin Chem Lab Med*. 2019 Aug 17, doi: 10.1515/cclm-2019-0643. IF=3.638

Book:
Autorship

Lombardo, G. Goi, C. Bairati, L. Massaccesi, A.B. Burlina, G. Tettamanti, "Gli enzimi lisosomiali", in Trattato italiano di medicina di laboratorio-Fondato da Angelo Burlina; Biochimica clinica special Seconda edizione a cura di Luigi Spandrio, ed. Piccin, Padova, vol. 2, capitolo 8, pp. 1-42, 2006

Translation (from Spanish)

J.R. RigueiroGonzalez, C. Lopez Larrea, S. Gonzalez Rodriguez, E. Martinez Naves; [a cura di] J Mainiero, G. Palmieri, R. Paolini. - [s.l.] "Immunologia Biologia e patologia del sistema immunitario" Piccin Nuova Libreria S.p.A., 2011 Nov. - ISBN 978-88-29921-54-6.

Cesar Benito, Fco. Javier Espino; [a cura di] D. Ghisotti. – "Genetica, Concetti essenziali" Piccin Nuov Libreria S.p.A., 2015 - ISBN 978-88-299-2725-8.

Translation (from English)

C.K. Mathews, K.E. Van Holde, D. R. Appling, S.J. Anthony-Cahill; [a cura di] F. Altieri, R. Chiaraluc C. Cini, F. Cutruzzola, M. D'Erme. – "Biochimica (Quarta edizione)". Piccin Nuova Libreria S.p.A 2015 - ISBN 978-88-299-2683-1.

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Date 05/09/2019

Signature

