

PERSONAL INFORMATION

Nadia Papini

born on May 28th, 1967 in Lecco (CO), Italy.

Italian citizenship.

Work address: Department of Medical Biotechnology and Translational Medicine, LITA-Segrate, via F.lli Cervi 93, 20090 Segrate (MI), University of Milan, Italy.

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POSITION

Assistant professor of Biochemistry (academic field BIO/10- Biochemistry) at the Department of Medical Biotechnology and Translational Medicine, University of Milan, Italy.

STUDIES APPLIED FOR

Master degree in Biological Sciences, Post-graduate specialization in Toxicology

WORK EXPERIENCE

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- 2012- present Research scientist in the Biochemistry field (BIO/10) at the Department of Medical Biotechnology and Translational Medicine, University of Milan, Italy. Assistant professor of Biochemistry at Exercise and Sports Sciences School.
 - 2005 - 2012 Research scientist in the Biochemistry field (BIO/10) at the Department of Medical Chemistry, Biochemistry and Biotechnology, University of Milan, Italy. Assistant professor of Biochemistry at Exercise and Sports Sciences School. Since 2008 senior research scientist at University of Milan.
 - 2003 - 2004 Research fellow at the Department of Medical Chemistry, Biochemistry and Biotechnology, University of Milan.
 - 1999 - 2003 Research fellow at the Department of Medical Chemistry, Biochemistry and Biotechnology, University of Milan.
 - 1998 - 1999 Scholarship at Institute of Pharmacological Sciences, University of Milan.
 - 1994 - 1997 MIUR scholarship at the Toxicology Postgraduate School, Institute of Pharmacological Sciences, University of Milan.
 - 1992 - 1993 Apprenticeship for the Registered Professional Biologist.

EDUCATION AND TRAINING

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- 1997 Post-graduate specialization in Toxicology, University of Milan.
 - 1993 State exam for Professional Biologist.
 - 1992 Master degree in Biological Sciences (105/110) University of Milan.
 - 1986 High school graduation diploma at Liceo Classico A. Manzoni, Lecco.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Independent user	Independent user	Independent user	Independent user	Independent user

Communication skills

Effective communication skills developed as assistant professor, research scientist and national and international meeting speaker.

Organisational / managerial skills

Great organizational skills based on years of experience in research team working.
 Member of the BIOMETRA Workshop 2016 organizing committee.
 Advisor professor at master degree of Exercise Science for Healthy Life.
 Thesis advisor.
 Member of the review commission of the master degree of Exercise Science for Healthy Life.

Job-related skills

Teaching duties of Biochemistry for bachelor degree of Exercise, Sport and Health Sciences and master degree of Exercise Science for Healthy Life at the School of Exercise and Sports Sciences. Until 2014 member of the PhD course in Sport Sciences, University of Milan.
 2015 - 2017 member of the PhD course in Biochemical Sciences, University of Milan.
 Since 2018 member of the PhD course in Experimental medicine, University of Milan.

At first the research activity focused on mammalian sialidases, in particular on sialidase NEU3 and its involvement in modification of cellular glycosphingolipid pattern and cell signalling.

Research fields:

- mammalian sialidase biology and functions
- membrane localization and role in cell signalling of human and mouse sialidase NEU3
- sialidase NEU3 involvement in skeletal muscle differentiation
- sialidase NEU3 role in skeletal muscle hypoxia and wasting
- O-GlcNAcylation process, in particular its role in muscle wasting
- Krabbe disease.

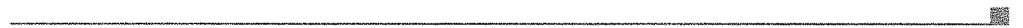
Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Basic user	Independent user

Good command of Microsoft Office suite (word processor, spread sheet, presentation software).

Driving licence B

ADDITIONAL INFORMATION



Publications Presentations The research work of Dr. Papini is documented by 40 published papers on peer reviewed journals, and communications to national and international meetings.

- Publications in the last 5 years
1. Meroni E, Papini N, Criscuoli F, Casiraghi MC, Massaccesi L, Basilico N, Erba D. Metabolic Responses in Endothelial Cells Following Exposure to Ketone Bodies. *Nutrients*. 2018; 10(2):pii: E250.
 2. Massaccesi L, Bonomelli B, Marazzi MG, Drago L, Romanelli MMC, Erba D, Papini N, Barassi A, Goi G, Galliera E. Plasmatic Soluble Receptor for Advanced Glycation End Products as a New Oxidative Stress Biomarker in Patients with Prosthetic-Joint-Associated Infections? *Dis Markers*. 2017; 2017:6140896.
 3. Barassi A, Corsi Romanelli MM, Pezzilli R, Dozio E, Damele CAL, Vaccalluzzo L, Di Dario M, Goi G, Papini N, Massaccesi L, Colpi GM, Melzi d'Eril GV. Levels of uric acid in erectile dysfunction of different aetiology. *Aging Male*. 2018; 21(3):200-205.
 4. Rota P, Papini N, La Rocca P, Montefiori M, Cirillo F, Piccoli M, Scurati R, Olsen L, Allevi P, Anastasia L. Synthesis and chemical characterization of several perfluorinated sialic acid glycals and evaluation of their in vitro antiviral activity against Newcastle disease virus. *Medchemcomm*. 2017;8(7):1505-1513.
 5. Barassi A, Corsi Romanelli MM, Pezzilli R, Damele CA, Vaccalluzzo L, Goi G, Papini N, Colpi GM, Massaccesi L, Melzi d'Eril GV. Levels of l-arginine and l-citrulline in patients with erectile dysfunction of different etiology. *Andrology*. 2017; 5(2):256-261.
 6. Massaccesi L, Goi G, Tringali C, Barassi A, Venerando B, Papini N. Dexamethasone-Induced Skeletal Muscle Atrophy Increases O-GlcNAcylation in C2C12 Cells. *J Cell Biochem*. 2016; 117(8):1833-42.
 7. Mozzi A, Forcella M, Riva A, Difrancesco C, Molinari F, Martin V, Papini N, Bernasconi B, Nonnis S, Tedeschi G, Mazzucchelli L, Monti E, Fusi P, Frattini M. NEU3 activity enhances EGFR activation without affecting EGFR expression and acts on its sialylation levels. *Glycobiology*. 2015; 25(8):855-868.
 8. Bonardi D*, Papini N*, Pasini M, Dileo L, Orizio F, Monti E, Caimi L, Venerando B, Bresciani R. Sialidase NEU3 dynamically associates to different membrane domains specifically modifying their ganglioside pattern and triggering Akt phosphorylation. *PLoS One*. 2014; 9(6):e99405.
*Equal contribution
 9. Bergante S, Torretta E, Creo P, Sessarego N, Papini N, Piccoli M, Fania C, Cirillo F, Conforti E, Ghiroldi A, Tringali C, Venerando B, Ibatici A, Gelfi C, Tettamanti G, Anastasia L. Gangliosides as a potential new class of stem cell markers: the case of GD1a in human bone marrow mesenchymal stem cells. *J Lipid Res*. 2014;55(3):549-560.

Memberships Since 2007 member of the Italian Society of Biochemistry and Molecular Biology (SIB).
Since 2004 member of the Italian National Council of Biologists (ONB)

Personal information I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

I authorize, according to D.lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section "Amministrazione trasparente", "Consulenti e collaboratori".

Milan, February 11th, 2019

Signature

