

Born in                      on  
Italian nationality

## PROFESSIONAL EXPERIENCES

From April 2022- **Life Science researcher & scientific consultant. Freelance biologist (ONB). Data Manager & Study coordinator. Nutritionist and Health Coach certificate (IIN).**  
today

From June 2015- **INPHARMA spa (DMK Baby Group) Casorate Primo (PV) headquarters - Research, Development and Regulatory Affairs Manager.** Responsible for coordinating the company's research and development projects, which include  
April 2022 resource coordination, study, design and development of food supplements, foods for special medical purposes and medical devices. Scientific advice, regulatory compliance and market analysis. Selection of innovative raw materials and validation of specifications. Coordination of formulation development, sample preparation and drafting of product data sheets, stability protocols. Scale-up in production. Product graphics compliance check. Sales department support. Medical Marketing presentation preparation. Coordination of resources and collaborations with R&D departments of the DMK baby group. Collaborations with universities and research institutes.

September 2013 - **Innovastem Inc., Brescia headquarters - Deputy Scientific Director of Italy R&D.**  
June 2015 Responsible for coordinating the company's research and development projects, which include research, invention, development, per-clinical and clinical stages, registration and sales. Selection of researchers. Resource management. Study of new biotech / healthcare products to be launched on the international market. Collaboration with international biotech companies. Writing scientific reports and submitting grant proposals. Writing of SOPs. Excellent knowledge of GMP lines. Knowledge of ISO standards. Translations of scientific texts. Creation and updating of websites for new products. Creation of brochures, presentations, communication material, educational campaigns. Sales force training and participation in meetings with customers / potential customers. Development of existing products and advertising. Organization of conferences / meetings / press events. Participation in international due diligence processes. Writing of business plan for investors. Negotiation of contracts with research organizations.

January 2011 - **Monzino Cardiology Center, IRCCS, Milan - PostDoc senior researcher.** Study of the  
September 2013 role of the GPR17 purinergic receptor in cardiac ischemia at the level of stem cells residing in the myocardium. Various scientific publications on impact factor magazines.

November 2007 - **University of Milan, Milan - PhD, PhD in Pharmacotoxicology, Pharmacological Sciences and Biotechnology** at the Cellular and Molecular Laboratory of the  
December 2010 Pharmacology of Purinergic Transmission directed by Prof. Maria Maria Abbracchio. Study of the role of purinergic receptors in myocardial infarction. Cell biology, primary and immortalized cell cultures. Development of cardiogenic differentiation protocols. Flow cytometry. Cell sorting. Optical and confocal microscopy. Microbiology. Immunocitichimica. Molecular biology (PCR, RT, QPCR). Extraction and quantification of nucleic acids. Transfections. Biochemistry. Writing grant proposals, patents, scientific articles, posters and presentations. Participation in international conferences as a speaker.

June 2010 - **Hôpital Erasme of Bruxelles, Belgium - Researcher.** Research experience at the Clinical  
September 2010 Biology laboratory directed by prof. Jean-Marie Boeynaems. Isolation of neonatal cardiomyocytes from P2Y2 and P2Y4 purinergic receptor knock-out mice, in a model of ischemic hypoxia.

November 2006- **University of Milan, Milan. Junior researcher.** Winner of a scholarship "" Innovative  
October 2007 cytoprotective strategies via the modulation of purinergic receptors "at the Cellular and Molecular laboratory of the pharmacology of purinergic transmission directed by Prof. Maria Maria Abbracchio.

<b>TRAINING</b>
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2022	<b>ICH Good Clinical Practice E6 certification</b>
2022	<b>IIN Institute of Integrative nutrition (NY) Health Coach certificate</b>
2020	<b>Master "Microbiota: physiopathological, clinical and therapeutic aspects" 24 January - 31 October 2020.</b>
2015-2016	<b>Master's Degree in</b> Nutraceutical Products, Design, Formulation Development, Control and Marketing. The University of Pavia.
December 2013	Passing the <b>State Exam for Professional Biologist</b> , University of Pavia. License and registration with the ONB (National Biologists' Order).
December 2010	<b>PhD</b> in Pharmacotoxicology, Pharmacological Sciences and Biotechnology, University of Milan.
July 2006	<b>Master's Degree in Biotechnology</b> with Agricultural Plant Management, University of Milan.
March 2004- July 2004	<b>ERASMUS Project, Faculty of Pharmacology, Universitat de Valencia, Spain.</b>
July 1999	<b>Diploma Liceo Classico, Como</b>

1. **Cosentino S**, Castiglioni L, Colazzo F, Nobili E, Tremoli E, Rosa P, Abbracchio MP, Sironi L, Pesce M. Expression of dual Nucleotides/Cysteinyl-Leukotrienes Receptor GPR17 in early trafficking of cardiac stromal cells after myocardial infarction. *Journal of Cellular and Molecular Medicine* (2014) Jun 7. I.F.: 6.55
2. **Cosentino S**, Banfi C, Burbiel JC, Luo H, Tremoli E, Abbracchio MP. Cardiomyocyte death induced by ischemic/hypoxic stress is differentially affected by distinct purinergic P2 receptors. *Journal of Cellular and Molecular Medicine* (2011) Jul 18. I.F.: 4.6
3. Banfi C, Brioschi M, Lento S, Pirillo A, Galli S, **Cosentino S**, Tremoli E, Mussoni L. Statins prevent tissue factor induction by protease-activated receptors 1 and 2 in human umbilical vein endothelial cells in vitro. *Journal of Thrombosis and Haemostasis*. (2011) Aug;9(8):1608-19.
4. Burba I, Colombo GI, Staszewsky LI, De Simone M, Devanna P, Nanni S, Avitabile D, Molla F, **Cosentino S**, Russo I, De Angelis N, Soldo A, Biondi A, Gambini E, Gaetano C, Farsetti A, Pompilio G, Latini R, Capogrossi MC, Pesce M. Histone Deacetylase Inhibition Enhances Self Renewal and Cardioprotection by Human Cord Blood-Derived CD34 Cells. *PLoS One*. (2011);6(7):e22158. I.F.: 4.4
5. Mazzola A, Amoruso E, Beltrami E, Lecca D, Ferrario S, **Cosentino S**, Tremoli E, Ceruti S, Abbracchio MP. Opposite effects of uracil and adenine nucleotides on the survival of mouse cardiomyocytes. *Journal of Cellular and Molecular Medicine* (2008) 12(2):522-36. I.F.: 6.55

*Ai sensi del Dlg 196/03 autorizzo al trattamento dei dati personali trasmessi*

Il dichiarante  
Simona COSENTINO

