

**EUROPEAN  
CURRICULUM VITAE  
FORMAT**



**PERSONAL INFORMATION**

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Nationality	Italian
Date of birth	13 OCTOBER 1969

**WORK EXPERIENCE**

• Dates (from – to)	2018 - present
• Name and address of employer	Department of Biology, University of Padua
• Occupation or position held	Full Professor in General Pathology
• Dates (from – to)	2010 - 2018
• Name and address of employer	Department of Biology, University of Padua
• Occupation or position held	Associate Professor in General Pathology
• Dates (from – to)	2002 - 2010
• Name and address of employer	Department of Biology, University of Padua
• Occupation or position held	Assistant Professor in General Pathology

**EDUCATION AND TRAINING**

• Dates (from – to)	1995 - 1997
• Name and type of organization providing education and training	University of Padua
• Title of qualification awarded	PhD in Biology and Cellular and Molecular Pathology
• Dates (from – to)	1990 - 1993
• Name and type of organization providing education and training	University of Padua
• Title of qualification awarded	Degree in Biology cum laude

## PERSONAL STATEMENT

HER MAJOR RESEARCH INTEREST IS THE CHARACTERIZATION OF BACTERIAL PRODUCTS ENDOWED WITH IMMUNE MODULANT PROPERTIES, WITH THE AIM AT DISCLOSING THE MECHANISMS RESPONSIBLE FOR THE ESCAPE OF PATHOGENS FROM THE IMMUNE RESPONSE AND THE ONSET OF CHRONIC INFECTIONS/INFLAMMATION.

SHE IS ALSO INTERESTED ON THE PRACTICAL SIDE, I.E. THE DEVELOPMENT OF NOVEL IMMUNE THERAPEUTIC STRATEGIES BASED ON THE ADMINISTRATION OF THESE BACTERIAL PRODUCTS.

SHE IS AUTHOR/CO-AUTHOR OF 77 SCIENTIFIC PAPERS PUBLISHED IN INTERNATIONAL PEER-REVIEWED JOURNALS (3,666 TOTAL CITATIONS [SCOPUS], 5,477 TOTAL CITATIONS [GOOGLE SCHOLAR]; 33 H-INDEX [SCOPUS], 41 H-INDEX [GOOGLE SCHOLAR]).

## LIST OF SELECTED PUBLICATION

(last 5 years)

1. Pagliari M, Munari F, Toffoletto M, Lonardi S, Chemello F, Codolo G, Millino C, Della Bella C, Pacchioni B, Vermi W, Fassan M, de Bernard M\*, Cagnin S\*. Helicobacter pylori Affects the Antigen Presentation Activity of Macrophages Modulating the Expression of the Immune Receptor CD300E through miR-4270. *Front Immunol.* 2017 Oct 12;8:1288. doi: 10.3389/fimmu.2017.01288.
2. D'Elios MM, Vallese F, Capitani N, Benagiano M, Bernardini ML, Rossi M, Rossi GP, Ferrari M, Baldari CT, Zanotti G, de Bernard M\*, Codolo G\*. The Helicobacter cinaedi antigen CAIP participates in atherosclerotic inflammation by promoting the differentiation of macrophages in foam cells. *Sci Rep.* 2017 Jan 11;7:40515. doi: 10.1038/srep40515.
3. Vila-Caballer M, Codolo G, Munari F, Malfanti A, Fassan M, Rugge M, Balasso A, de Bernard M\*, Salmaso S.\* A pH-sensitive stearyl-PEG-poly(methacryloyl sulfadimethoxine)-decorated liposome system for protein delivery: An application for bladder cancer treatment. *J Control Release.* 2016 Sep 28;238:31-42. doi: 10.1016/j.jconrel.2016.07.024.
4. Pozzobon T, Facchinello N, Bossi F, Capitani N, Benagiano M, Di Benedetto G, Zennaro C, West N, Codolo G, Bernardini M, Baldari CT, D'Elios MM, Pellegrini L, Argenton F, de Bernard M. Treponema pallidum (syphilis) antigen TpF1 induces angiogenesis through the activation of the IL-8 pathway. *Sci Rep.* 2016 Jan 5;6:18785. doi: 10.1038/srep18785.
5. Fassan M, Saraggi D, Balsamo L, Cascione L, Castoro C, Coati I, De Bernard M, Farinati F, Guzzardo V, Valeri N, Zambon CF, Rugge M. Let-7c down-regulation in Helicobacter pylori-related gastric carcinogenesis. *Oncotarget.* 2016 Jan 26;7(4):4915-24. doi: 10.18632/oncotarget.6642.
6. Munari F, Fassan M, Capitani N, Codolo G, Vila-Caballer M, Pizzi M, Rugge M, Della Bella C, Troilo A, D'Elios S, Baldari CT, D'Elios MM, de Bernard M. Cytokine BAFF released by Helicobacter pylori-infected macrophages triggers the Th17 response in human chronic gastritis. *J Immunol.* 2014 Dec 1;193(11):5584-94. doi: 10.4049/jimmunol.1302865.
7. de Bernard M, Josenhans C. Pathogenesis of Helicobacter pylori infection. *Helicobacter.* 2014 Sep;19 Suppl 1:11-8. doi: 10.1111/hel.12160.
8. de Bernard M, Rizzuto R. Toll-like receptors hit calcium. *EMBO Rep.* 2014 May;15(5):468-9. doi: 10.1002/embr.201438685.
9. Casellato A, Rossi Paccani S, Barrile R, Bossi F, Ciucchi L, Codolo G, Pizza M, Aricò B, de Bernard M. The C2 fragment from Neisseria meningitidis antigen NHBA increases endothelial permeability by destabilizing adherens junctions. *Cell Microbiol.* 2014 Jun;16(6):925-37. doi: 10.1111/cmi.12250.
10. Codolo G, Plotegher N, Pozzobon T, Brucale M, Tessari I, Bubacco L, de Bernard M. Triggering of inflammasome by aggregated  $\alpha$ -synuclein, an inflammatory response in synucleinopathies. *PLoS One.* 2013;8(1):e55375. doi: 10.1371/journal.pone.0055375.
11. Codolo G, Bossi F, Durigutto P, Bella CD, Fischetti F, Amedei A, Tedesco F, D'Elios S, Cimmino M, Micheletti A, Cassatella MA, D'Elios MM, de Bernard M. Orchestration of inflammation and adaptive immunity in Borrelia burgdorferi-induced arthritis by neutrophil-activating protein A. *Arthritis Rheum.* 2013 May;65(5):1232-42. doi: 10.1002/art.37875.

## EDITORIAL ACTIVITIES

Since 2016 she is Associate Editor for the journals *Frontiers in Immunology* and *Frontiers in Microbiology*

In order to comply with Italian law (art 23 of Privacy Law of the Italian Legislative Decree n196/03) I authorize the processing of my personal and professional data.