

CURRICULUM VITAE

PERSONAL INFORMATION

Name: CASTELLUCCI MONICA

Date and place of birth: SAN SEVERINO MARCHE (MC), 20.07.1981

Home address: Via TOMBETTA, 27 - 37135 (VERONA, ITALY)

Nationality: Italian

Tax Code: CSTMNC81L6OI156A

E-mail: monica.castellucci@gmail.com

Telephone: 349/7747026

EDUCATION:

- 1) **2011** - PhD IN TRANSLATIONAL BIOMEDICAL SCIENCE – MOLECULAR AND CELLULAR BIOLOGY AND PATHOLOGY
UNIVERSITY OF VERONA (ITALY) – PATHOLOGY AND DIAGNOSTIC DEPARTMENT, GENERAL PATHOLOGY SECTION.
PROJECT TITLE: “ANALYSIS OF THE MOLECULAR MECHANISM WHEREBY IL-10 REGULATES GENE EXPRESSION OF PRO- AND ANTI-INFLAMMATORY CYTOKINES IN LPS-TREATED MONOCYTES AND NEUTROPHILS”.
- 2) **2006** - GRADUATION IN MOLECULAR DIAGNOSTIC CL.6/S (MAXIMUM SCORE, WITH HONOR)
UNIVERSITY OF CAMERINO – MACERATA (ITALY)
THESIS TITLE: “COLD CASE, FASCICLE N. 2736/1980 MACERATA REPUBLIC PROCEDURE: IDENTIFICATION OF MITOCHONDRIAL DNA IN BONE SAMPLES”.
- 3) **2004** - GRADUATION IN APPLIED BIOLOGY CL.12 (MAXIMUM SCORE, WITH HONOR)
UNIVERSITY OF CAMERINO – MACERATA (ITALY)
THESIS TITLE: “CORNEAS FOR TRANSPLANTATION: VALUATION PROCEDURE AND AMNIOTIC MEMBRANE UTILIZATION”.

WORK EXPERIENCE/TRAINING/COURSES:

- 1) **08/01/2018:** TECHNICAL MANAGER
UNIVERSITY OF VERONA (ITALY) - (CPT – CENTRO PIATTAFORME TECNOLOGICHE) – GENOMICS AND TRANSCRIPTOMICS PLATFORM.
- 2) **01/02/2015 – 30/04/2015:** RESEARCH GUEST
UNIVERSITY OF UTRECHT UMC (THE NETHERLANDS) – DEPARTMENT OF REUMATHOLOGY AND CLINICAL IMMUNOLOGY, LABORATORY OF TRANSLATIONAL IMMUNOLOGY
PROJECT TITLE: “GENOMEWIDE ANALYSIS OF THE CHROMATIN STATE IN HUMAN MONOCYTES PURIFIED FROM SYSTEMIC SCLEROSIS (SSc) PATIENTS AND FROM HEALTHY CONTROLS”.
- 3) **01/03/2013 – 31/12/2017:** RESEARCH FELLOWSHIP
UNIVERSITY OF VERONA (ITALY) - PATHOLOGY AND DIAGNOSTIC DEPARTMENT, GENERAL PATHOLOGY SECTION.

PROJECT TITLE: "DEVELOPMENT OF A NEW STRATEGY FOR IDENTIFYING AND QUANTIFYING CIRCULATING microRNA (miRNA) TO USE AS BIOMARKERS FOR THE DIAGNOSIS OF CARDIOVASCULAR DISEASES".

- 4) **01/03/2012 – 28/02/2013**: RESEARCH FELLOWSHIP
UNIVERSITY OF VERONA (ITALY) - PATHOLOGY AND DIAGNOSTIC DEPARTMENT, GENERAL PATHOLOGY SECTION.
PROJECT TITLE: "MOLECULAR BASES OF SPECIFIC RESPONSES ACTIVATED VIA TLR4 AND OTHER "PRR" RECEPTOR IN HUMAN NEUTROPHILS, MONOCYTES AND DENDRITIC CELLS".
- 5) **01/01/2009 – 31/12/2011**: PhD COURSE IN TRANSLATIONAL BIOMEDICAL SCIENCE – MOLECULAR AND CELLULAR BIOLOGY AND PATHOLOGY
UNIVERSITY OF VERONA (ITALY) - PATHOLOGY AND DIAGNOSTIC DEPARTMENT, GENERAL PATHOLOGY SECTION.
PROJECT TITLE: "ANALYSIS OF THE MOLECULAR MECHANISM WHEREBY IL-10 REGULATES GENE EXPRESSION OF PRO- AND ANTI-INFLAMMATORY CYTOKINES IN LPS-TREATED MONOCYTES AND NEUTROPHILS".
- 6) **01/01/2007 - 30/11/2008**: RESEARCH FELLOWSHIP
UNIVERSITY OF VERONA (ITALY) - PATHOLOGY DEPARTMENT, IMMUNOLOGY SECTION.
PROJECT TITLE: "PRECONDITIONING EFFECT OF CD8 T LYMPHOCYTE; POSSIBLE IMPORTANCE IN THE VACCINE DEVELOPMENT".
- 7) **05/11/2012 – 07/11/2012**: WORKSHOP SIICA, 2nd CONFERENCE OF TRANSLATIONAL MEDICINE PATHOGENESIS AND THERAPY OF IMMUNE-MEDIATED DISEASES (HUMANITAS, ROZZANO (MI)).
- 8) **02/11/2010 – 04/11/2010**: WORKSHOP SIICA, INNATE IMMUNITY IN THE PATHOGENESIS OF IMMUNE-MEDIATED HUMAN DISEASE (HUMANITAS, ROZZANO (MI)).
- 9) **26/10/2009 – 27/10/2009**: LECTURE COURSE (SIICA), HOST-PATHOGEN INTERACTION: RECOGNITION AND ESCAPE (HUMANITAS, ROZZANO (MI)).
- 10) **09/2005-06/ 2006**: UNIVERSITY OF CAMERINO (ITALY) – MOLECULAR AND CELLULAR BIOLOGY LABORATORY: PREPARATION OF THESIS
- 11) **01/2004 – 05/2004**: EYE BANK REGIONE MARCHE – A.S.U.R. N°6 FABRIANO (AN - ITALY)

PUBLICATIONS:

PEER REVIEWED PAPERS

- 1) PETTINELLA F., MARIOTTI B., LATTANZI C., BRUDEREK K., DONINI M., COSTA S., MARINI O., IANNOTTO G., GASPERINI S., CAVEGGION E., CASTELLUCCI M., CALZETTI F., BIANCHETTO-AGUILERA F., GARDIMAN E., GIANI M., DUSI S., CANTINI M., VASSANELLI A., PAVONE D., MILELLA M., PILOTTO S., BIONDANI P., HOING B., SCHLEUPNER M.C., HUSSAIN T., HADASCHIK B., KASPAR C., VISCO C., TECCHIO C., KOENDERMAN L., BAZZONI F., TAMASSIA N., BRANDAU S., CASSATELLA M.A. and SCAPINI P. (2023)

Surface CD52, CD84 and PTGER2 mark mature PMN-MDSCs from cancer patients and G-CSF-treated donors.

In: Cell Reports Medicine

UNDER REVISION

IF:

- 2) ZANARDI F.; DE CIUCEIS C.; NEVA A.; CASTELLUCCI M.; ROTTA G.; ALMICI E.; BIANCHETTI A.; BRAGA S.; MONTANI A.; FERRARO R.M; BORGHESI A.; TOMASONI L.R.; MASNERI S.; LANUTI P.; SALVETTI M.; AGABITI ROSEI C.; ROCCARO A.M.; RUSSO D.; CASTELLI F.; MAROLDI R.; MUIESAN M.L.; MARCHISIO M.; PIOVANI G.; ALMICI C. (2023)
Endothelial activation and damage in COVID-19 ARDS patients: linking the single endothelial cells transcriptome to in vitro dysfunctionality
In: Nature Cell Biology **UNDER REVISION** **IF:**

- 3) TAMASSIA N.; BIANCHETTO-AGUILERA F.; GASPERINI S.; GRIMALDI A.; MONTALDO C; CALZETTI F.; GARDIMAN E.; SIGNORETTO I.; CASTELLUCCI M.; BARNABA V.; TRIPODI M.; CASSATELLA M.A. (2021)
The slan antigen identifies the prototypical non-classical CD16 +-monocytes in human blood
In: Frontiers in Immunology **IF: 8.787**

- 4) CASSATELLA M.A.; CALZETTI F.; FINOTTI G.; TAMASSIA N; BIANCHETTO-AGUILERA F.; CASTELLUCCI M.; CAVALLINI C.; MATTE' A.; GASPERINI S.; BENEDETTI F.; BONIFACIO M.; TECCHIO C.; SCAPINI P. (2021)
CD66b-CD64dimCD115- cells in the human bone marrow represent neutrophil-committed progenitors
In: Nature Immunology **IF: 25.600**

- 5) ZENARO E., GHASEMI S., PIETRONIGO E., SLANZI A., TERRABUIO E., SANTOS-LIMA B., CALGARO M., RISSO D., VITULO N., D'ULIVO B., LOPEZ N., IAIA S., IANNOTTO G., TURANO E., NAGARAJAN R., TOSADORI G., DELLA BIANCA V., DUSI S., ARIOLI J., ROSSI B., CASTELLUCCI M., BONETTI B. (2021)
Pathogenic signature of $\gamma\delta$ T cells promotes neutrophil responses and neuropathological features of Alzheimer's disease.
In: Nature Neuroscience **UNDER REVISION** **IF:**

- 6) BOST P., DE SANCTIS F., CANE' S., UGEL S., DONADELLO K., CASTELLUCCI M., DAVID E., FIORE A., ANSELMINI C., BAROUNI R., TROVATO R., CALIGOLA S., LAMOLINARA A., IEZZI M., FACCIOITTI F., MAZZARIOL A., GIBELLINI D. DE NARDO P., TACCONELLI E., GOTTIN L., POLATI E., SCHWIKOWSKI B., AMIT I., BRONTE A. (2021)
Deciphering the state of immune silence in fatal COVID-19 patients.
In: Nature Communications, 12: 1428 **IF: 12.121**

- 7) VAN DER FROEF M., CASTELLUCCI M., MOKRY M., et al., (2019)
Histone modifications underlie monocyte dysregulation in patients with systemic sclerosis, underlining the treatment potential of epigenetic targeting.
In: Annals of Rheumatic Diseases DOI:10.1136/annrheumdis-2018-214295 **IF: 12.350**

- 8) CASTELLUCCI M., ROSSATO M., CALZETTI F., TAMASSIA N., ZEMINIAN S., CASSATELLA M.A. AND BAZZONI F. (2015)
IL-10 disrupts the Brd4-docking sites to inhibit LPS-induced CXCL8 and TNF- α expression in human monocytes. Implication for COPD.
In: Journal of Allergy and Clinical Immunology_10.1016/j.jaci.2015.04.023 **IF: 11,512**

- 9) ZIMMERMANN M., AGUILERA F.B., CASTELLUCCI M., ROSSATO M., LUNARDI C., OSTUNI R., GIROLOMONI G., NATOLI G., BAZZONI F., TAMASSIA N. AND CASSATELLA M.A.
Chromatin remodeling and autocrine TNF α control interleukin-6 expression in neutrophils
In: NATURE COMUNICATION DOI: 10.1038/ncomms7061 **IF: 10,015**

- 10) TAMASSIA N., ZIMMERMANN M., CASTELLUCCI M., OSTUNI R., BRUDEREK K., SHILLING B., BRANDAU S., BAZZONI F., NATOLI G. AND CASSATELLA M.A. (2013)
An inactive chromatin configuration at the IL-10 locus in human neutrophils.
In: JOURNAL OF IMMUNOLOGY, 190: 1921-1925 **IF: 5.788**

- 11) ROSSATO M., CURTALE G., TAMASSIA N. CASTELLUCCI M., MORI L., GASPERINI S., MARIOTTI B., DE LUCA M.C., MIROLO M., CASSATELLA M.A., LOCATI M., AND BAZZONI F. (2012)
IL-10-induced microRNA-187 negatively regulates TNF- α , IL-6, and IL-12p40 production in TLR4-stimulated monocytes.
In: PNAS 109, (45): E3101-10 **IF: 9.681**

- 12) TAMASSIA N., CASTELLUCCI M., ROSSATO M., GASPERINI S., BOSISIO D., GIACOMELLI M., BADOLATO R., CASSATELLA M.A., BAZZONI F. (2010)
Uncovering an IL-10-dependent NF- κ B recruitment to the IL-1ra promoter that is impaired in STAT3 functionally defective patients.
In: FASEB JOURNAL, vol. 24 p. 1365-1375 **IF: 6.40**

- 13) V.MONSURRÒ, S.BEGHELLI, R.WANG, S.BARBI, S.COIN, G. DI PASQUALE, S.BERSANI, CASTELLUCCI M., C.SORIO, S.ELEUTERI, A.WORSCHKECH, J.A.CHIORINI, P.PEDERZOLI, H.ALTER, F.M.MARINCOLA, A.SCARPA (2010)
Anti-viral state segregates two molecular phenotypes of pancreatic adenocarcinoma: Potential relevance for adenoviral gene therapy.
In: JOURNAL OF TRANSLATIONAL MEDICINE, vol. 8 p. 1-11 **IF: 3.51**

ABSTRACTS

- 1) CASTELLUCCI M., MARIOTTI B., MOKRY M., ROSSATO M., RADSTAKE T., BIANCHETTO F., TAMASSIA N., M.A. CASSATELLA AND BAZZONI F. (2016)
Insights into IL-10-activated STAT3 transcriptional function via genome-wide chromatin occupancy and gene expression analysis.
In: X National Congress of the Italian society of immunology, clinical immunology and allergology. ABSTRACT BOOK, pp.37 W15.4
Abano Terme (Padova), Italy, 25-28 May 2016.
ORAL PRESENTATION

- 2) MARIOTTI B., CASTELLUCCI M., BIANCHETTO F., TAMASSIA N., M.A. CASSATELLA AND BAZZONI F. (2016)
Identification and characterization of Long non-coding RNAs in primary human monocytes and neutrophils.
In: X National Congress of the Italian society of immunology, clinical immunology and allergology. ABSTRACT BOOK, pp.7 W2.2
Abano Terme (Padova), Italy, 25-28 May 2016.

- 3) CASTELLUCCI M., ROSSATO M., TAMASSIA N., GASPERINI S., B. MARIOTTI, M.A. CASSATELLA AND BAZZONI F. (2015)
Histone deacetylase 2 couples Interleukin-10 anti-inflammatory activity with Interleukin-8 transcriptional repression: implication for Chronic obstructive pulmonary disease patients.
In: 4th European Congress of Immunology (ECI). ABSTRACT BOOK, pp. 227 WS.C.08.06
Vienna, Austria, 06-09 September 2015.
ORAL PRESENTATION

- 4) MARIOTTI B., BIANCHETTO F., TAMASSIA N., ROSSATO M., CASTELLUCCI M., OSTUNI R., M.A. CASSATELLA AND BAZZONI F. (2015)
Identification and characterization of long noncoding RNAs in primary human monocytes and neutrophils.
In: 4th European Congress of Immunology (ECI). ABSTRACT BOOK, pp.546 PC.24.14
Vienna, Austria, 06-09 September 2015.

- 5) GHASEMI S., CASTELLUCCI M., GASPERINI S., MARIOTTI B., TAMASSIA N., AND BAZZONI F. (2015)
Optimizing the purification and analysis of miRNAs and mRNAs from RIP in primary human neutrophils.
In: 4th European Congress of Immunology (ECI). ABSTRACT BOOK, pp.545 PC.24.07
Vienna, Austria, 06-09 September 2015.

- 6) CASTELLUCCI M., ROSSATO M., TAMASSIA N., GASPERINI S., M.A. CASSATELLA AND BAZZONI F. (2014)
Histone deacetylase 2 couples Interleukin-10 anti-inflammatory activity with transcriptional repression.
In: IX National Conference of the Italian society of immunology, clinical immunology and allergology.
Florence, Italy, 28-31 May 2014.
ORAL PRESENTATION

- 7) CASTELLUCCI M., ROSSATO M., TAMASSIA N., GASPERINI S., M.A. CASSATELLA AND BAZZONI F. (2014)
Inhibition of Interleukin-8 (CXCL8) and Tumor necrosis factor- α (TNF- α) gene transcription by Interleukin-10-induced epigenetic modifications.
In: 48th Annual Scientific Meeting of the European Society for Clinical Investigation (ESCI).
Hutrecht, Netherlands, 30 April-03 May 2014.
POSTER PRESENTATION

- 8) CASTELLUCCI M., ROSSATO M., TAMASSIA N., GASPERINI S., BAZZONI F. (2013)
Interleukin-10 suppresses CXCL8 gene transcription in LPS-stimulated monocytes via modulation of histone deacetylases (HDACs) recruitment.
In: 15th International Congress of Immunology (ICI). ABSTRACT BOOK, pp. 380 P02.03.03
Milan, Italy, 22-27 August 2013.
POSTER PRESENTATION

- 9) MARIOTTI B., ROSSATO M., CASTELLUCCI M., GASPERINI S., BAZZONI F. (2013)
Global effect of IL-10-induced modulation of miRNAs expression on cytokine production by LPS-stimulated human monocytes.
In: 15th International Congress of Immunology (ICI). ABSTRACT BOOK, pp. 386 P02.04.10
Milan, Italy, 22-27 August 2013.

- 10) ZIMMERMANN M., TAMASSIA N., CASTELLUCCI M., ROSSATO M., BAZZONI F., CASSATELLA M.A. (2013)
Chromatin configurations correlate with the differential capacity of human neutrophils and monocytes to express IL-6 in response to LPS.
In: Front. Immunol. Conference Abstract: doi: 10.3389/conf.fimmu.2013.02.01100
15th International Congress of Immunology (ICI).
Milan, Italy, 22-27 August 2013.

- 11) ROSSATO M., CURTALE G., TAMASSIA N., CASTELLUCCI M., MORI L., GASPERINI S., MARIOTTI B., CASSATELLA M.A., BAZZONI F. (2013)
IL-10-induced microRNA-187 negatively regulates TNF α , IL-6 and IL-12p40 production in TLR4-stimulated monocytes.
In: 15th International Congress of Immunology (ICI). ABSTRACT BOOK, pp. 76 W02.04.04
Milan, Italy, 22-27 August 2013.
- 12) CASTELLUCCI M., ROSSATO M., TAMASSIA N., GASPERINI S., BAZZONI F. (2013)
Role of HDAC in interleukin-10 (IL-10)-mediated suppression of interleukin-8 (CXCL8).
In: EUROPEAN JOURNAL OF CLINICAL INVESTIGATION, Vol. 43 SUPPLEMENT 1
47th Annual Scientific Meeting of the European Society for Clinical Investigation (ESCI).
Albufeira, Portugal, 17-20 April 2013.
POSTER PRESENTATION
- 13) CASTELLUCCI M., TAMASSIA N., GASPERINI S., ROSSATO M., BAZZONI F. (2012)
IL-10 modulates LPS-induced IL-1ra, CXCL8 and TNF- α transcription by different mechanisms in human neutrophils and monocytes.
In: EUROPEAN JOURNAL OF CLINICAL INVESTIGATION, Vol. 42 SUPPLEMENT 1
46th Annual Scientific Meeting of the European Society for Clinical Investigation (ESCI).
Budapest, Hungary, 22-24 March 2012.
POSTER PRESENTATION
- 14) CASTELLUCCI M., TAMASSIA N., GASPERINI S., ROSSATO M., BAZZONI F. (2011)
IL-10 inhibits LPS-induced CXCL8 and TNF- α transcription by different mechanism in human neutrophils and monocytes.
In: MINERVA MEDICA Vol. 102, SUPPL. I No. 5 (OTTOBRE 2011) (pag.149).
2011 Joint Annual Meeting SIICA, Riccione-Italy, 28 September – 01 October 2011.
ORAL PRESENTATION
- 15) ROSSATO M., CURTALE G., CASTELLUCCI M., MORI L., GASPERINI S., MIROLO M., CASSATELLA M.A., LOCATI M., BAZZONI F. (2011).
MicroRNA-187 mediates IL-10 suppression of pro-inflammatory cytokine production by TLR4-stimulated monocytes.
In: MINERVA MEDICA Vol. 102, SUPPL. I No. 5 (OTTOBRE 2011) (pag.20)
2011 Joint Annual Meeting SIICA, Riccione-Italy, 28 September – 01 October 2011.
- 16) CASTELLUCCI M., TAMASSIA N., GASPERINI S., BAZZONI F. (2011)
IL-10 enhances the recruitment of NF- κ B to the IL-1ra promoter in human neutrophils and monocytes stimulated with LPS.
In: TOLL 2011, ABSTRACT BOOK - Decoding Innate Immunity
TOLL 2011, Riva del Garda, Italy, May 04-07 2011.
POSTER PRESENTATION
- 17) CASTELLUCCI M., TAMASSIA N., GIACOMELLI M., GASPERINI S., ROSSATO M., BADOLATO R., CASSATELLA M.A., BAZZONI F. (2010)
Interleukin-10 enhances the recruitment of NF- κ B to the Interleukin-1 receptor antagonist promoter in human neutrophils and monocytes stimulated with lipopolysaccharide.
In: EUROPEAN JOURNAL OF CLINICAL INVESTIGATION, Vol. 40 SUPPLEMENT 1 (pag.45).
44th Annual Scientific Meeting of the European Society for Clinical Investigation (ESCI). Bari-Italy, 24 – 27 February 2010.
POSTER PRESENTATION (POSTER AWARD)

- 18) TAMASSIA N., CASTELLUCCI M., ROSSATO M., GASPERINI S., BOSISIO D. GIACOMELLI M., BADOLATO R., CASSATELLA M.A., BAZZONI F. (2010)
Uncovering an IL-10-dependent NF- κ B recruitment to the IL-1ra promoter that is impaired in STAT3 functionally defective patients.
In: FEBS-SPECIAL MEETING “Jak-Stat Signaling: from basic to disease”
Vienna, Austria, 10-13 February 2010.
POSTER PRESENTATION
- 19) TAMASSIA N., CASTELLUCCI M., ROSSATO M., GASPERINI S., BOSISIO D. GIACOMELLI M., BADOLATO R., CASSATELLA M.A., BAZZONI F. (2010)
Uncovering an IL-10-dependent NF- κ B recruitment to the IL-1ra promoter that is impaired in STAT3 functionally defective patients.
In: “First IRE annual workshop – Chromatin remodelling and human disease”
Roma-Italy, 3-4 December 2009.
POSTER PRESENTATION
- 20) MONSURRO' V., BEGHELLI S., WANG R., BARBI S., COIN S., DI PASQUALE G., BERSANI S., CASTELLUCCI M., SORIO C., ELEUTERI S., WORSCHKECH A., CHIORINI J.A., PEDERZOLI P., ALTER H., MARINCOLA F.M., SCARPA A. (2009)
Anti-viral state segregates two molecular phenotypes of pancreatic adenocarcinoma: Potential relevance for adenoviral gene therapy.
In: IMMUNOTHERAPY (ABSTRACT), Vol. 32, Number 9 (pag.990)
24th Annual Meeting of the International Society for Biological Therapy of Cancer (ISBTC).
Washington DC, October 2009.
- 21) TAMASSIA N., GIACOMELLI M., CASTELLUCCI M., GASPERINI S., ROSSATO M., CASSATELLA M.A., BAZZONI F. (2009)
IL-10 enhances the recruitment of NF- κ B to the IL-1ra promoter in human neutrophils and monocytes stimulated with LPS.
In: EUROPEAN JOURNAL OF IMMUNOLOGY, SUPPLEMENT 1/09 Vol. 39 (2009) (pag. 135). 2nd European Congress of Immunology – Berlin, Germany, September 13-16 2009.
POSTER PRESENTATION

TECHNICAL SKILLS AND COMPETENCES:

Cellular Biology:

- isolation and purification by negative/positive selection, of different leukocyte population;
- immunophenotyping of leukocytes population and activation;
- primary cell and cell line culture;
- Gene silencing (AMAXA).

Molecular Biology:

- Library preparation for next generation sequencing (NGS)
- Single cell analysis with 10X Genomics Technology
- Single cell analysis with BD Rhapsody Technology
- Library quantification and sequencing in the Illumina NextSeq500 and MiSeqDX
- Analysis of promoter/enhancer occupancy by ChIP assay;
- Analysis of epigenetic chromatin modification by ChIP assay;
- Nucleic acid purification and quantification (DNA, RNA), RNA reverse-transcription (cDNA), analysis of transcriptional activity by RT-qPCR;
- Gene expression analysis by RT-qPCR and by large scale array;

Immunological Techniques:

- extraction of nuclear, cytoplasmic and total proteins;
- protein analysis by Western Blotting;
- protein analysis by immunoprecipitation;
- analysis of secreted cytokines/chemokines by ELISA.

Bioinformatic:

- identification of genomic sequence/promoter within the databases (ENSEMBL); sequence alignment with "Clustal W";
- analysis of transcription binding site with "rVista" software;
- primers design
- statistical analysis with statistical software "Graph pad prism".
- Writing scientific articles and participating in drafting research projects

TUTORING

2016-2017: Tutoring on genome wide characterization of Long Non-Coding RNAs in CD14+ monocytes (Student: Cristina Bacca)

2011-2012: Tutoring on HDACs role in the IL-10-mediated inhibition of CXCL8 transcription (Student: Marco Brugnara)

AWARDS:

- 1) **Poster Award 2010**: 24/02/2010 – 27/02/2010: 44th annual Scientific Meeting of the European Society for clinical investigation (Bari, Italy 2010).
- 2) **Travel grant**: 17/04/2013 – 20/04/2013: 47th Annual Scientific Meeting of the European Society for Clinical Investigation (ESCI). (Albufeira, Portugal).
- 3) **Travel grant**: 28/05/2014 – 31/05/2014: IX National Conference of the Italian society of immunology, clinical immunology and allergology (SIICA). (Florence, Italy).
Travel grant: 06/09/2015 – 09/09/2015: 4th European Congress of Immunology (ECI). (Vienna, Austria).
- 4) **Mobility grant COOPERINT 2015** supported by University of Verona to carry out the activities of research at UNIVERSITY MEDICAL CENTRE (UMC) OF UTRECHT (THE NETHERLANDS) – DEPARTMENT OF REUMATHOLOGY AND CLINICAL IMMUNOLOGY, LABORATORY OF TRANSLATIONAL IMMUNOLOGY.

MOTHER TONGUE: ITALIAN

OTHER LANGAUGES: ENGLISH

- Reading Good
- Writing Good

INFORMATICAL KNOWLEDGE:

- Good knowledge of Office packages (Word, Excel, PP), Internet Explorer and e-mail.

I authorize the use of my personal data according to Legislative Decree N°196/03

Monica Castellucci