

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name **LUCA GIOVANNI MASCARETTI**  
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Nationality Italian  
Date of birth 31 JULY 1958, SAO PAULO, BRASIL

WORK EXPERIENCE

*Retired 1 March 2021*

- Dates (from – to) *January 2015 to 28 February 2021*
- Name and address of employer *Azienda Sanitaria Universitaria Giuliano Isontina, Trieste*
  - Type of business or sector *Transfusion Medicine Department*
  - Occupation or position held *Director*
  
- Dates (from – to) *May 2013 to December 2014*
- Name and address of employer *Azienda Ospedaliero-Universitaria, Ospedali Riuniti, Trieste*
  - Type of business or sector *Medical Direction*
  - Occupation or position held *Medical Director*
- Main activities and responsibilities *Organization of medical activity within the hospital*
  
  
- Dates (from – to) *March 2009 to April 2013*
- Name and address of employer *Azienda Ospedaliero-Universitaria, Ospedali Riuniti, Trieste*
  - Type of business or sector *Transfusion Medicine Department*
  - Occupation or position held *Director*
- Main activities and responsibilities *The Department is present in five hospitals and collects approximately 21,000 blood components (whole blood, plasma and 100 platelet units). In addition to blood collection, immune-haematology testing and blood distribution, the Department is also involved in coagulation testing, HLA typing, HSC collection and transfusing chronically anaemic patients in an out-patient facility.*
  
  
- Dates (from – to) *1997-2009*
- Name and address of employer *Azienda Ospedaliera San Gerardo, Monza*
  - Type of business or sector *Transfusion Medicine Department*
  - Occupation or position held *Senior Medical Officer*
- Main activities and responsibilities
  - Senior Medical Officer at the Blood Transfusion Center, Ospedale San Gerardo, Monza.
  - Head of the Immunogenetics Laboratory (accredited by the European Federation for

Immunogenetics - EFI). Activity included:

- a. HLA typing for candidates for hematopoietic stem cell (HSC) transplantation, family donors and unrelated donors;
- b. Management of a HSC Donor registry of over 3000 donors which is part of the Italian Bone Marrow Donor Registry
- c. HLA typing for HLA-diseases studies and platelet immunology tests;
- d. Quality manager of the Blood transfusion Center
- e. Inspections for the EFI accreditation program.

- Dates (from – to) 1985-1996
- Name and address of employer Policlinico di Milano
- Type of business or sector Transplantation Immunology – coordinating center of the North Italy Transplant Program
- Occupation or position held Medical doctor
- Main activities and responsibilities
  - Histocompatibility and organ sharing. Transplant coordinator for the North Italy Transplant program (NITp), an organ-sharing network which operates in an area of more than 18 million inhabitants. Studies in the correlation between HLA matching (genomic techniques) and solid organ transplantation outcome. Role of sensitive crossmatching techniques (flow-cytometry) on the survival and function of transplanted organs.

## EDUCATION AND TRAINING

- Dates (from – to) May 2021
- Name and type of organization providing education and training Exprit Srl Management Support Services
- Principal subjects/occupational skills covered Course on Lead Auditor of Quality Systems
- Title of qualification awarded Lead Auditor of Quality Systems
  
- Dates (from – to) 2005-2006
- Name and type of organization providing education and training University of Westminster, London, UK
- Principal subjects/occupational skills covered Molecular biology, immunology, medical genetics
- Title of qualification awarded Master of Science in Medical Molecular Biology
  
- Dates (from – to) 2003
- Name and type of organization providing education and training Polytechnic of Milano – IreF – Health Management School, Lombardy Region
- Principal subjects/occupational skills covered Management for Hospital Department Directors
- Title of qualification awarded Diploma Health Management for Hospital Department Directors
  
- Dates (from – to) 1982-1985
- Name and type of organization providing education and training University of Pavia, Italy
- Principal subjects/occupational skills covered Hematology: clinical and laboratory
- Title of qualification awarded Specialization in Hematology
  
- Dates (from – to) 1976-1982
- Name and type of organization providing education and training University of Pavia, Italy
- Principal subjects/occupational skills covered Medicine
- Title of qualification awarded Degree in Medicine
  
- Dates (from – to) 1974-1976

- Name and type of organization providing education and training  
United World College of the Atlantic, Llantwit Major, Wales, UK
- Principal subjects/occupational skills covered  
Chemistry, Biology, Mathematics, English, Italian, Physics
- Title of qualification awarded  
International Baccalaureate

Activity on behalf of the European Federation for Immunogenetics (EFI) Accreditation program  
 Inspections in Histocompatibility and Immunogenetics Laboratories 2006 -2022
 

- 37 EFI inspections

Activity on behalf of Bureau Veritas Italia SpA  
 ISO 9001:2015 Audits 2021-2023
 

- 23 Audits

 Regulation (EU) 2017/745 2022-2023
 

- Conformity assessment of 2 Medical Devices

 European Quality Assurance Scheme of the European Commission Initiative on Breast Cancer
 

- 1 Pilot-run Audit 2022 (Slovenia)

 Qualification Lead Auditor ISO 9001:2015 Bureau Veritas (8-7-21)  
 Qualification Medical Device CE Marking Bureau Veritas (23-3-22).

**MOTHER TONGUE**

**ITALIAN**

**OTHER LANGUAGES**

- Reading skills
- Writing skills
- Verbal skills

**ENGLISH**

EXCELLENT

EXCELLENT

EXCELLENT

**PORTUGUESE**

- Reading skills
- Writing skills
- Verbal skills

GOOD

GOOD

GOOD

**SOCIAL SKILLS AND COMPETENCIES**

GOOD COMMUNICATION SKILLS, ENJOYS TEAMWORK

**ORGANIZATIONAL SKILLS AND COMPETENCIES**

GOOD ORGANIZATIONAL SKILLS

**TECHNICAL SKILLS AND COMPETENCIES**

ROUTINE USE OF OFFICE SOFTWARE (WORD, POWERPOINT, EXCEL)

**OTHER SKILLS AND COMPETENCIES**

**Member of the following Scientific Societies:**

- Società Italiana di Medicina Trasfusionale (SIMTI)

Competences not mentioned above.

- European Federation for Immunogenetics (EFI)
- Società Italiana di Biologia dei Trapianti e Immunogenetica (AIBT)
- Member of the European School of Transfusion Medicine (ESTM)
- ESHI (European Specialisation in Histocompatibility and Immunogenetics) HONORARY DIPLOMA 2016
- EFI Medal 2021

**ADDITIONAL INFORMATION**

- Author/co-author of over 160 publications: papers on 'peer-reviewed journals' (48), abstracts (74), chapters in books (16), other publications (30) Enclosed publications 2015-2023
- From 2009 to 2021, Member of Commissione Sangue, Regione Friuli Venezia Giulia
- From 2011 to 2013, lecturer at the course for Laboratory Technicians at the University of Trieste
- From 2006 to 2021, inspector for the EFI Accreditation programme
- From 2009 to 2013 and from 2015 to April 2021, Italian Commissioner for EFI
- From 2011 to 2013 and from 2015 to April 2021, General Secretary of the EFI Accreditation Committee
- From January 2020, Editor-in-Chief of Blood Transfusion

*This Curriculum Vitae has been written in conformity with Italian National Legislation DPR 445 del 28.12.2000, Dlgs. 196/2003 and UE Regulation 2016/679.*

Milano, 13 January 2023



# Luca Giovanni Mascaretti. List of publications

2015 - 2023

## Peer-reviewed Journals

1. Polacchini A, Metelli G, Francavilla R, Baj G, Florean M, Mascaretti LG, Tongiorgi E. A method for reproducible measurements of serum BDNF: comparison of the performance of six commercial assays. *Sci Rep*. 2015 Dec 10;5:17989. doi: 10.1038/srep17989. PubMed PMID: 26656852; PubMed Central PMCID: PMC4675070.
2. Aleksova A, Di Nucci M, Gobbo M, Bevilacqua E, Pradella P, Salam K, Barbati G, De Luca A, Mascaretti L, Sinagra G. Factor-V HR2 haplotype and thromboembolic disease. *Acta Cardiol*. 2015 Dec;70(6):707-11. doi: 10.2143/AC.70.6.3120184. PubMed PMID: 26717220.
3. De Silvestri A, Capittini C, Poddighe D, Marseglia GL, Mascaretti L, Bevilacqua E, Scotti V, Rebuffi C, Pasi A, Martinetti M, Tinelli C. HLA-DRB1 alleles and juvenile idiopathic arthritis: Diagnostic clues emerging from a meta-analysis. *Autoimmun Rev*. 2017 Dec;16(12):1230-1236. doi: 10.1016/j.autrev.2017.10.007. Epub 2017 Oct 14. Review. PubMed PMID: 29037901.
4. Capittini C, Rebuffi C, Scotti V, Poddighe D, Mascaretti L, Pasi A, Martinetti M, Tinelli C, De Silvestri A. [Genotyping in patients affected by HLA-related diseases. App development for diagnostic support.]. *Recenti Prog Med*. 2018 Feb;109(2):124-126. doi: 10.1701/2865.28906. Review. Italian. PubMed PMID: 29493637.
5. Harmer A, Mascaretti L, Petershofen E. Accreditation of histocompatibility and immunogenetics laboratories: Achievements and future prospects from the European Federation for Immunogenetics Accreditation Programme. *HLA*. 2018 May 2. doi:10.1111/tan.13289. [Epub ahead of print] Review. PubMed PMID: 29722176.
6. Pascut D, Sukowati CHC, Antoniali G, Mangiapane G, Burra S, Mascaretti LG, Buonocore MR, Crocè LS, Tiribelli C, Tell G. Serum AP-endonuclease 1 (sAPE1) as novel biomarker for hepatocellular carcinoma. *Oncotarget*. 2019 Jan 8;10(3):383-394. doi: 10.18632/oncotarget.26555. eCollection 2019 Jan 8. PubMed PMID: 30719231; PubMed Central PMCID: PMC6349448.
7. Massa L, Mascaretti LG, Ratti C, Zecchin M, Perkan A, Fabris E, Vitrella G, Fabro M, Luzzati R, Di Lenarda A, Pelusi L, Bergamini PR, Sinagra G. Consulenza cardiologica e gestione perioperatoria del paziente cardiopatico. Protocollo dell'Azienda Sanitaria Universitaria Integrata di Trieste – Anno 2019 [Cardiological counseling and perioperative management of heart disease patients. Protocol of the University of Trieste - Year 2019]. *G Ital Cardiol (Rome)*. 2019 Dec;20(12):706-721. Italian. doi: 10.1714/3271.32380. PMID:31834295.
8. Mascaretti L. Blood Transfusion: interesting times ahead. *Blood Transfus*. 2020 Jan;18(1):1-2. doi: 10.2450/2020.0033-20. PMID: 32129167; PMCID:PMC7053525.
9. Mascaretti L, De Angelis V, Berti P. The severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) pandemic and Transfusion Medicine: reflections from Italy. *Blood Transfus*. 2020 Mar;18(2):77-78. doi: 10.2450/2020.0071-20. PMID:32267829; PMCID: PMC7141941.
10. Accorsi P, Berti P, de Angelis V, De Silvestro G, Mascaretti L, Ostuni A; Italian Society for Transfusion Medicine Immunohaematology (SIMITI) Italian Society for Hemapheresis cell Manipulation (SIdEM). Position paper on the preparation of immune plasma to be used in the treatment of patients with COVID-19. *Transfus Apher Sci*. 2020 Aug;59(4):102817. doi:10.1016/j.transci.2020.102817. Epub 2020 May 21. PMID: 32532691;

11. Accorsi P, Berti P, de Angelis V, De Silvestro G, Mascaretti L, Ostuni A; Italian Society for Transfusion Medicine and Immunohaematology (SIMTI) and the Italian Society for Haemapheresis and Cell Manipulation (SIdEM). Position paper on the preparation of immune plasma to be used in the treatment of patients with COVID-19. *Blood Transfus.* 2020 May;18(3):163-166. doi: 10.2450/2020.0124-20.PMID: 32453687; PMCID: PMC7250681.
12. Mascaretti L, Bevilacqua E. The role of HLA typing in rheumatic disease. *Molecular and Experimental Biology in Medicine* 2020. DOI:1033602/mebm.3.1.1.
13. Cappelletto A, Allan HE, Crescente M, Schneider E, Bussani R, Ali H, Secco I, Vodret S, Simeone R, Mascaretti L, Zaccigna S, Warner TD, Giacca M. SARS-CoV-2 Spike protein activates TMEM16F-mediated platelet procoagulant activity. *Front. Cardiovasc. Med.*, 04 January 2023. <https://doi.org/10.3389/fcvm.2022.1013262>.

### Chapters in books

1. Mascaretti L G., Pradella P. The critically ill patient with abnormal platelet count. In *Hematologic problems in the critically ill*. G. Berlot, G. Pozzato (Eds.). Springer Verlag Italia 2015. DOI: 10.1007/978-88-470-5301-4\_6.
2. Tomasella F., Mascaretti L G. Adverse Transfusion Reactions in critically ill patients. In *Hematologic problems in the critically ill*. G. Berlot, G. Pozzato (Eds.). Springer Verlag Italia 2015. DOI: 10.1007/978-88-470-5301-4\_7.

### Abstracts

1. Mascaretti L., Bevilacqua E., Pellis G., Michelazzi C., Tomietto P. Assessment of appropriateness of clinical requests for HLA and disease association studies: preliminary steps. *Tissue Antigens* 2015;85:334.
2. Bevilacqua E., Vlachouli C., Moro V., Pellis G., Confalonieri M., Cifaldi R., Tomietto P., Pirronello S., Gjini L., Mascaretti L.G. "Pulmonary fibrosis in rheumatoid arthritis: does HLA-DRB1 play a role?", *HLA* 2016, 87:307
3. Bevilacqua E., Boer E., Sabato N., Moro V., Vendramin A., Mascaretti L. "Tipizzazione HLA e studio familiare in una paziente affetta da Nefrite tubulo intersiziale e uveite (Sindrome TINU) e Sindrome poliendocrina autoimmune di tipo II (SPA II)." *Atti XXIV Congresso Nazionale AIBT, 2017, P24.*
4. Bevilacqua E., Pasi A., Tinelli C., Capittini C., De Silvestri A., Poddighe d., Mascaretti L., Martinetti M. "Associazione tra HLA di classe II e artrite idiopatica giovanile (Juvenile Idiopathic Arthritis, JIA): una meta-analisi." *Atti XXIV Congresso Nazionale AIBT, 2017, P13.*
5. Mascaretti L, De Angelis V, Catapano R, Tillati S, Rebelli A, Totis V, Mazzi G, Barcobello M.)La terapia trasfusionale: strumenti per la gestione dell'appropriatezza e limiti dell'attuale modello organizzativo. *Blood Transfusion. Supplement 1, May 2017.*
6. Totis V., Da Ros S, Zandomeni L., Dolfini P., Mascaretti L, Polito P., Catapano R., De Angelis V. La selezione e la gestione del donatore di sangue in Friuli Venezia Giulia in applicazione del D.M. 2 novembre 2015. *Blood Transfusion. Supplement 1, May 2017.*
7. Paola Tomietto, Francesco Bozzao, Kristina Giraldo Smitova, Valentina Moro, Valentina Bazzo, Andrea G. Curiel, Elena Bevilacqua, Luca G. Mascaretti. P74 "HLA typing may help diagnosis and support therapy of complex rheumatological conditions: a case report", *HLA* 2019,93:325.

8. De Angelis V, Berti P, Cristallo A.F, Fiorin F, Galbiati D, Gandini G, Gentilini I, Mascaretti L, Orfano M, Proietti V, Roveroni G, Strada P. Il Manuale-guida per l'applicazione delle 'Good Practice Guidelines (Direttiva 121472016). Blood Transfusion 16, Supplement 1, May 2018.
9. Mascaretti I, Carlini L, De Antoni F, De Angelis V, Piunti R, Camilot D, Catapano R, Polito P, Martinuzzi G, Totis V, Olivieri M, Stecchina M. Il contributo della certificazione ISO 9001:2015 al soddisfacimento dei requisiti delle Linee Guida di Buona Prassi. Blood Transfusion 16, Supplement 1, May 2018
10. M. Barcobello, P. Dolfini, T. Cormones, D. Londero, L. Mascaretti. Alloimmunizzazione da anti-Di<sup>a</sup>:un case report. Blood Transfusion. Supplement 1, May 2019.

#### **Other publications**

1. L. Mascaretti, V. I. Guerci. Improvements in donor selection and medical care. Proceedings of the ESTM residential course on Donor care, Milano 3-5 December 2015.
2. L. Mascaretti, V. I. Guerci. Migrant blood donors and transfusion-associated risk in low Human Development Index countries. Proceedings of the ESTM residential course on Donor care, Milano 3-5 December 2015.
3. East-west Immunogenetics Conference, Zagreb, 14-16/3-2019. The role of HLA typing in Rheumatic diseases. L. Mascaretti. Book of Abstracts.

Milano, 13 January 2023

