

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	<ul style="list-style-type: none"> • 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
- Principal subjects/occupational skills covered
- Title of qualification awarded

United World College of the Atlantic, Llantwit Major, Wales, UK

Chemistry, Biology, Mathematics, English, Italian, Physics

International Baccalaureate

Activity on behalf of the European Federation for Immunogenetics (EFI) Accreditation program

Inspections in Histocompatibility and Immunogenetics Laboratories 2006 -2023

- 38 EFI inspections

Activity on behalf of Bureau Veritas Italia SpA

ISO 9001:2015 Audits 2021 – March 2025

- 73 Audits of which 52 as Team leader

Regulation (EU) 2017/745 2022 – March 2025

- Assessment of the Clinical evaluation of 12 Medical Devices
- Trainer for Clinical Evaluation of Medical Devices under MDR

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).

COLLABORATION WITH EDQM
(EUROPEAN DIRECTORATE FOR THE
QUALITY OF MEDICINES & HEALTHCARE),
COUNCIL OF EUROPE

Member of the Blood Quality Management Working Group from November 2023.
Trainer B-QM Training Course 2023.
N. 2 Audits for the EDQM B-QM in 2024: Porto (Portugal) and Valjevo (Serbia)
Member of the Scientific Committee of the EDQM Blood Coinference January 2025.

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

ENGLISH

- Reading skills
- Writing skills
- Verbal skills

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
Competences not mentioned above.

Member of the following Scientific Societies:


- Società Italiana di Medicina Trasfusionale (SIMTI)
- 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 to June 2024, Editor-in-Chief of Blood Transfusion
- From July 2024, Deputy Editor of Blood Transfusion.

I authorize the processing of my personal data in accordance with EU Regulation 2016/679.
The undersigned declares to be aware of the criminal penalties in the event of false statements or statements containing data that are no longer truthful, as provided for by Italian Legislation DPR 445/2000.

Milano, June 4, 2025



Luca Giovanni Mascaretti. List of publications

2015 – May 2025

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 (SIMTI) 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 (SIMITI) 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, Zacchigna 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>.
14. Coluzzi S, Mascaretti L. Insights and innovations in Blood Transfusion. *Blood Transfus.* 2024;22(4):277-278. doi:10.2450/BloodTransfus.845.

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.
3. Petershofen E K, Harmer A, Mascaretti L. *Quality Management Systems and Regulations in Histocompatibility and Immunogenetics* (Wiley in press).
4. Bontadini A, Crocchiolo R, Mascaretti L. *Diseases in the field of Transfusion Medicine* (Wiley in press).

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 interstiziale 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^a: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, June 4, 2025

Luca Mascaretti