



## Curriculum Vitae

Personal information **Fabio Candura**

Work experience

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**June 2023**

**present**

**Chief Research Officer (I level NCLA Research) - Head of the Plasma and plasma-derived medicinal products Area; Head of the Plasma-derived medicinal products Sector; Head of Information flows for plasma-derived medicinal products**

National Blood Centre (Centro Nazionale Sangue - CNS) – Italian National Institute of Health (Istituto Superiore di Sanità - ISS), Via Gianio della Bella, 27 - 00162 Rome

ITALY

Expert - Italy representative at the European Directorate for the Quality of Medicines & HealthCare (EDQM) - TS093 Plasma Supply Management Working Group

Expert - Italy representative at the European Blood Association Contingency Planning Working Group

Expert - Italy representative at the International Plasma Fractionation Association

Activities aimed at the analysis of consumption, needs, and demanded production levels of plasma-derived medicinal products and promotion of their rational and appropriate use.

Planning of national self-sufficiency with particular regard to the production and intra- and inter-regional compensation of plasma and plasma-derived medicinal products.

Definition of the needs, demand, self-sufficiency and economic exploitation of plasma and plasma-derived medicinal products in Italy for the years 2011 – 2014, 2014 – 2015, 2015 – 2016, 2016 – 2017 – 2018 – 2019 – 2020 – 2021 and writing of the related technical reports and scientific production.

Drafting of the National Plasma and Plasma-Derived Medicinal Products Programme, years 2016 – 2020 pursuant to art. 26 of Legislative Decree 261/07 and monitoring of the objectives.

Technical-scientific support for the monitoring and control of activities related to the collection and qualification of plasma as a raw material for the production of plasma-derived drugs.

Development of monitoring and control tools for the collection of plasma by fractionation at the Italian Transfusion Services assigned to the industrial processing and production of plasma-derived medicinal products from national plasma within the Information System of Transfusion Services (SISTRA).

Technical-scientific support activities for the updating and implementation of the regulatory framework relating to the plasma system and plasma-derived medicinal products with particular regard to the National Programs for self-sufficiency of blood and blood products from 2016 to date; the Ministerial Decree of 6 November 2024; the Ministerial Decree of 22 July 2024; the Ministerial Decree of 19 December 2022; the Ministerial Decree of 2 November 2015; Article 15 (Production of plasma-derived medicinal products from plasma collected in the Italian territory) Law no. 219 of 21 October 2005; the State-Regions Agreement of 20 October 2015 and the State-Regions Agreement of 14 April 2016.

Training and communication activities for seminars and conferences in Italy and Europe.

## **June 2022**

## **June 2023**

**NHS Director (pursuant to Article 15 septies, paragraph 2, of Legislative Decree 05/02/1992) - Head of the Plasma and plasma-derived medicinal products Area; Head of the Plasma-derived medicinal products Sector; Head of Information flows for plasma-derived medicinal products**

National Blood Centre (Centro Nazionale Sangue - CNS) – Italian National Institute of Health (Istituto Superiore di Sanità - ISS), Via Giano della Bella, 27 - 00162 Rome

## **ITALY**

Technical and scientific advice concerning the information relating to the plasma raw material as in Module 3 of the dossier of medicinal products from national plasma and also on type II variations, pursuant to Ministerial Decree of 12 April 2012 "Transitional procedures for the marketing of medicinal products derived from human plasma collected on the national territory".

Technical-scientific advice on the import's requests of human blood and its products concerning the assessment of the risks associated with the origin, quality and safety of plasma, pursuant to art. 5 and 5 bis of the Ministerial Decree of 12 April 2012 "Provisions for the import and export of human blood and its products".

Planning, management and implementation of international cooperation projects with humanitarian, scientific and capacity building value related to the plasma and plasma-derived sector, aimed at the donation and/or

assignment of plasma-derived medicinal products exceeding national needs, promoted in accordance with current legislation (Afghanistan, Albania, Armenia, Palestine, El Salvador).

Conceptual design of the Italian National Registry of Thalassaemia and Hemoglobinopathies pursuant to the Prime Ministerial Decree of 3 March 2017 "Identification of surveillance systems and registries of mortality, tumours and other pathologies" (OJ General Series n.109 of 12-05-2017).

Training and communication activities for seminars and conferences in Italy and Europe.

### **July 2013**

### **May 2022**

### **Researcher – Senior Researcher (III level - II level NCLA - Research) - Head of Information flows for plasma-derived medicinal products**

National Blood Centre (Centro Nazionale Sangue - CNS) – Italian National Institute of Health (Istituto Superiore di Sanità - ISS), Via Giano della Bella, 27 - 00162 Rome

### **ITALY**

Activities aimed at the analysis of consumption, needs, and required production levels of plasma-derived medicinal products and promotion of their rational and appropriate use.

Technical-scientific support for the monitoring and control of activities related to the collection and qualification of plasma as a raw material to produce plasma-derived medicinal products.

Technical-scientific support to the planning of national self-sufficiency with particular regard to the production and intra- and inter-regional compensations of plasma and plasma-derived medicinal products through the standardization and analysis of the database constituting the demand, self-sufficiency and economic enhancement of plasma-derived medicinal products in Italy for the years 2007 – 2011 and writing of technical reports and scientific production.

Evaluation of the applications submitted pursuant to the Ministerial Decree of 12 April 2012 on "Procedures for the presentation and evaluation of applications aimed at obtaining the inclusion among the centres and companies for the production of blood products authorised to enter into agreements with the Regions and Autonomous Provinces for the processing of plasma collected on the national territory".

Definition of models related to the acceptability thresholds of epidemiological ranges of the Italian plasma for fractionation.

Technical-scientific secretariat for seminars and conferences.

### **September 2011**

## **July 2013**

### **Researcher (III level - NCLA - Research)**

National Blood Centre (Centro Nazionale Sangue - CNS) – Italian National Institute of Health (Istituto Superiore di Sanità - ISS), Via Giano della Bella, 27 - 00162 Rome

#### **ITALY**

Standardisation and analysis of the database collecting information on the demand and economic exploitation of plasma-derived medicinal products in Italy for the years 2007 – 2011 and drafting of the technical report.

Logical design of the distance-learning course, in PBL mode, "The Plasma Master File".

Definition of models related to the acceptability thresholds of epidemiological ranges of the Italian plasma for fractionation

## **January 2012**

### **September 2013**

#### **Consultant - Researcher, Analyst**

European Haemophilia Consortium (EHC) - Rue de la Loi 28- 1040 Brussels

#### **BELGIUM**

Design, management and coordination of WP4 (Definition of the criteria for designation of expert and specialist European Haemophilia Centres) within EUHANET Project. European Union funded project coordinated by the University of Newcastle for the creation of a network to evaluate, harmonise and optimise access to services and care for haemophilia patients in Europe as a development of sub-action 3.2.3.3. "Support to European rare diseases information networks", 3.2.3. Prevention of major and rare diseases, 3.2. "Promote health" of the European Commission on the development of Public Health policies on Rare Diseases and technical support to Member Countries.

## **September 2011**

### **December 2012**

#### **Consultant - Researcher, Analyst**

FEDEMO - Legal head office at Studio Associato C&B via Tor Sapienza, 86 00155 Rome

#### **ITALY**

Management of the database and qualitative-quantitative analysis of the outputs for the definition of safety criteria for the Italian regions' Transfusion Services.

**January 2010**

**June 2011**

**Consultant - Database System Manager and Analyst**

Italian National Institute of Health (Istituto Superiore di Sanità - ISS) /  
National Centre for Rare Diseases (Centro Nazionale Malattie Rare -  
CNMR), Via Giano della Bella, 34 00161 – Rome

ITALY

Normalisation and analysis of the National Registry of Rare Diseases' database.

Logical and conceptual design of the procedures for the reorientation of the National Network for the Surveillance of Rare Diseases

**January 2010 – June 2011**

**Consultant - Project Manager, Assistant and Training**

Italian National Institute of Health (Istituto Superiore di Sanità - ISS) /  
National Centre for Rare Diseases (Centro Nazionale Malattie Rare -  
CNMR), Via Giano della Bella, 34 00161 – Rome

ITALY

Support in the management of EUROPLAN Project, a European Union project for the development of the European Commission's recommendations on the development of Public Health policies on Rare Diseases and technical support to Member States for the implementation of National Plans on Rare Diseases.

**July 2010**

**October 2010**

**Geographer, lecturer**

University of Rome "La Sapienza", Department of Biology. Piazzale Aldo Moro, 5 00185 – Rome

ITALY

Lecturer at the Master's degree program "Landscape Ecology and Environmental Planning", University of Rome "La Sapienza", Faculty of Mathematical, Physical and Natural Sciences, within the module Geographical Information Systems– Advanced Module: Spatial analysis and Geostatistics using environmental data. Director: Prof. Carlo Blasi. Research and Education (VI level of the ISCED – UNESCO classification).

**September 2007**

**July 2008**

**Adjunct Lecturer**

Ministry for University and Research (MUR) / Conference Italian Universities Rectors (CRUI Foundation), Piazza Rondanini, 48 - 00186 Rome

ITALY

Lecturer at the Universities of Naples – Federico II, Bari, Benevento – Del Sannio, Reggio Calabria – Mediterranea, Catania, Calabria – Cosenza, Foggia within the Project "Training Organizational Intervention for Research and Innovation" in the Teaching modules "Technical/scientific coordination; Project Management; Operational management of research activities; Management of internal services; External relations management; Technology Transfer Management". Research and Education (VI level of the ISCED – UNESCO classification).

**March 2006**

**December 2008**

**Researcher, analyst, geographer**

Pasteur Institute/ Cenci-Bolognetti Foundation at the University of Rome "La Sapienza", Piazzale Aldo Moro, 5 - 00185 Rome

ITALY

Research activity within the project "Analysis of the transmission by saliva and the role of the "promoting" arthropods in the HHV-8 and Kaposi's sarcoma epidemiology", at the Section of Parasitology "E. Biocca", Department of Public Health Sciences "G. Sanarelli", University of Rome "La Sapienza".

**April 2006**

**March 2007**

**Researcher, Analyst, Trainer, Geographer**

MAE (Ministry of Foreign Affairs) / Department of Civil Protection / Italian National Institute of Health (Istituto Superiore di Sanità - ISS), Viale Regina Elena 299 - 00161 - Rome,

ITALY

Training of data collectors (no. 8) and data entry operators (no. 6). Data quality control, data analysis, geostatic and spatial analysis, cartography of survey output data on the health, economic and social conditions of the populations in the southern districts of Sri-Lanka affected by the Tsunami. Writing of cartography and Final Report.

**March 2006**

**August 2006**

**Researcher, Analyst, Trainer, Geographer**

Ministry of Foreign Affairs (MAE) / World Bank / Italian National

Institute of Health (Istituto Superiore di Sanità - ISS), Viale Regina Elena  
299 - 00161 – Rome

ITALY

Logical, conceptual design and implementation of a dynamic, online database system including dynamic mapping of data relating to the harmonization of funding for international cooperation projects in the health sector in Palestine. Training of system operators.

**May 2005**

**June 2007**

**Collaboration Contract**

Italian National Institute of Health (Istituto Superiore di Sanità - ISS),  
Viale Regina Elena, 299 - 00161 – Rome

ITALY

Lecturer, didactic referent and scientific secretariat for teaching and didactic planning (two years) within the distance learning courses (CME – Ministry of Health) "Inequalities in Health"; "Introduction to Geographic Information Systems in Public Health"; "Geographic Information Systems in Public Health"; "Health Information Systems" and "Safety and Prevention at Work" for the External Relations Office of the Italian National Institute of Health (Istituto Superiore di Sanità - ISS). Research and Education (VI level of the ISCED – UNESCO classification).

**January 2004**

**December 2005**

**Researcher, geographer and GIS analyst**

Section of Parasitology "E. Biocca" Department of Public Health Sciences "G. Sanarelli" of the University of Rome "La Sapienza",  
Piazzale Aldo Moro, 5 00185 Rome

ITALY

Collaboration contract at the 1st Professorship of Parasitology of the Section of Parasitology "E. Biocca" (Prof. M. Coluzzi), Department of Public Health Sciences "G. Sanarelli", of the University of Rome "La Sapienza" within the research project "Mapping of chromosomal forms of *Anopheles gambiae* in Sub-Saharan Africa".

**November 2003**

**December 2003**

**Researcher**

WHO (World Health Organization) / MAE (Ministry of Foreign Affairs)  
/ Italian National Institute of Health (Istituto Superiore di Sanità - ISS),  
Viale Regina Elena, 299 - 00161 – Rome

ITALY

Collaboration contract for the design and implementation of the international cooperation project "Procedural and functional steps for establishing the Research Unit at the Department of Research and Human Resources at the Ministry of Health of Eritrea".

**January 2003**

**April 2004**

**Lecturer, didactic referent and facilitator in PBL methodology**

Italian National Institute of Health (Istituto Superiore di Sanità - ISS),  
Viale Regina Elena, 299 - 00161 – Rome

ITALY

Collaboration contract with the Cultural Activities Secretariat of the Italian National Institute of Health (Istituto Superiore di Sanità - ISS) in tutoring and didactic planning within the Higher Education Course (2nd level Master degree) "International Master's in Health Services Management". Research and Education (VI level of the ISCED – UNESCO classification).

**September 2002**

**April 2003**

**Researcher**

CIRSS (Italian Centre for Health and Social Research), Via Capistrano,  
30 - 00173 Rome

ITALY

Research activity within the project funded by the Ministry of Health "Interregional Health Migration and towards the Countries of the European Union". Management of the database (source: Ministry of Health and ISTAT) and qualitative and quantitative analysis of output indicators. Drafting of the final report.

Education and training

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**November 2012**

**July 2013**

**Diploma Certificate Second Level Active Teaching Training - VA level of the ISCED – UNESCO classification**

University of Rome "La Sapienza"

ITALY

Teaching qualification in Geography (class A021 – ex A039); Educational and Didactic Technologies; Educational relationship; Docimology; Cartography; etc.

**November 2012**

**July 2013**

**Certificate of Specialisation in Economics and Administration for the Coordination of the Transfusion and the Transplant Network - VA level of the ISCED – UNESCO classification**

School of Economics and Management of Health Systems (ALTEMS), Faculty of Economics of the Università Cattolica del Sacro Cuore, Rome

ITALY

Institutional and organisational set-up of the NHS, transfusion network and transplantation network; Planning and control activities; Project financing; Project management and business plan; Problem solving and decision-making; Community policies and Europlanning.

**December 2013**

**Certificate of attendance at CEPAS qualified course "Quality Management System Auditor in the Healthcare Sector" - VA level of the ISCED – UNESCO classification**

Institute for Quality Certification and Research (Istituto per la Certificazione e Ricerca per la Qualità)

ITALY

Regulatory framework concerning the authorisation and accreditation systems for healthcare facilities and blood establishments; Audit methodologies and processes set out in ISO 19011; Planning and conducting audits.

**November 2001**

**December 2004**

**Philosophiae Doctor in Health Sciences Level VI of the ISCED – UNESCO classification**

1<sup>st</sup> Faculty of Medicine and Surgery - University of Rome "La Sapienza"

ITALY

XVII cycle, at the Department of Public Health Sciences "G. Sanarelli" with a thesis entitled "Is Anopheles Gambiae plotting an escape from Sub-Saharan Africa? Geographic and ecologic distribution modelling of the Anopheles gambiae complex in a global climate change perspective" Supervisor: Prof. Mario Coluzzi.

Public Health Sciences; Malariology; Geographical modelling; Spatial Analysis; Ecology; Vector genetics.

**November 2002**

**June 2003**

**Certificate of attendance - VA level of the ISCED – UNESCO classification**

Department of Mining Engineering of the University of Rome "La Sapienza"

ITALY

Applied Geostatistics; Spatial modelling.

**June 2002**

**December 2002**

**Certificate of Attendance - VA level of the ISCED – UNESCO classification**

Faculty of Statistics of the University of Rome "La Sapienza"

ITALY

Statistical Methods in Epidemiology and Clinical Medicine.

**April 2002**

**December 2002**

**Certificate of Attendance - Level V of the ISCED – UNESCO classification**

Applied Research Group on Environmental Statistics – GRASPA, Rome

ITALY

Statistical methodologies for environmental study

**January 2002**

**April 2002**

**Certificate of Attendance - VA level of the ISCED – UNESCO classification**

Italian National Institute of Health (ISS), Rome

ITALY

Course on the teaching methodology of Problem Based Learning

**November 1995**

**March 2001**

**Degree in Applied Geography - VA level of the ISCED – UNESCO classification**

Department of Human Geography at the Faculty of Letters of the University of Rome "La Sapienza" ITALY

Thesis in Medical Geography entitled "GIS in South Africa: morbidity, mortality and risk management". (A Geographical Information System in South Africa: morbidity, mortality and emergency management). An analysis of the health status (the main communicable diseases) of population groups in South Africa ten years after the end of racial segregation with a focus on the management of a cholera outbreak in Gauteng province. Supervisors: Prof. C. Palagiano and Prof. G. Tarsitani.

Applied Geography, Medical Geography, Health Geography, Emergency Epidemiology

[Additional information](#)

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**Books - Chapters**

- Candura F**, Profili S, Chelucci C, Calizzani C, Liumbruno GM. Plasma conferito all'industria di frazionamento per la produzione di medicinali plasmaderivati, in Osservatorio Nazionale Sulla Salute nelle Regioni Italiane (ed.), Rapporto Osservasalute 2016. Prex Spa Milano (Italy), Milano 2016: 468-470 ISBN: 978-88-904244-4-1.
- Candura F**, Profili S, Chelucci C, Calizzani C, Liumbruno GM. Domanda totale di albumina, in Osservatorio Nazionale Sulla Salute nelle Regioni Italiane (ed.), Rapporto Osservasalute 2016. Prex Spa Milano (Italy), Milano 2016: 471-473 ISBN: 978-88-904244-4-1.
- Candura F**, Profili S, Chelucci C, Calizzani C, Liumbruno GM. Domanda totale di immunoglobuline polivalenti, in Osservatorio Nazionale Sulla Salute nelle Regioni Italiane (ed.), Rapporto Osservasalute 2016. Prex Spa Milano (Italy), Milano 2016: 474-476 ISBN: 978-88-904244-4-1.
- Candura F**, Profili S, Chelucci C, Calizzani C, Liumbruno GM. Domanda totale di antitrombina, in Osservatorio Nazionale Sulla Salute nelle Regioni Italiane (ed.), Rapporto Osservasalute 2016. Prex Spa Milano (Italy), Milano 2016: 477-478 ISBN: 978-88-904244-4-1.
- Candura F**, Profili S, Chelucci C, Calizzani C, Liumbruno GM. Programma Nazionale Plasma e medicinali plasmaderivati, in Osservatorio Nazionale Sulla Salute nelle Regioni Italiane (ed.), Rapporto Osservasalute 2016. Prex Spa Milano (Italy), Milano 2016: 479 ISBN: 978-88-904244-4-1.
- Rhi-Sausi José Luis y Conato Dario (eds) (2009), Cooperación transfronteriza e Integración en America Latina, Proyecto IILA – CeSPI Fronteras Abiertas, CeSPI.

**Publication in extenso in indexed scientific journals**

- von Bonsdorff L, Farrugia A, **Candura F**, O'Leary P, Vesga MA, De Angelis V. Securing commitment and control for the supply of plasma derivatives for public health systems. II: A survey of national pathways. *Vox Sang.* 2024. <https://doi.org/10.1111/vox.13759>.
- von Bonsdorff L, Farrugia A, **Candura F**, O'Leary P, Vesga MA, De Angelis V. Securing commitment and control for the supply of plasma derivatives for public health systems. I: A short review of the global landscape. *Vox Sang.* 2024. <https://doi.org/10.1111/vox.13758>.
- Pati I, Cruciani M, **Candura F**, Massari MS, Piccinini V, Masiello F, Profili S, De Fulvio L, Pupella S, De Angelis V. Hyperimmune Globulins for the Management of Infectious Diseases. *Viruses.* 2023 Jul 13;15(7):1543. doi: 10.3390/v15071543. PMID: 37515229; PMCID: PMC10385259.
- Domanović D, von Bonsdorff L, Tiberghien P, Strengers P, Hotchko M, O'Leary P, Thibert JB, Magnussen K, Erikstrup C, Spekman M, Chesneau S, Jones J, Møller BK, Verheggen P, Gogarty G, Elzaabi M, de Angelis V, **Candura F**, Mali P, Rossi F, Rodrigues B, Sepetiene R, Lenzen T, Walsemann S, Perry R, Plançon JP, So-Osman C, Durand-Zaleski I,

- Facco G, Thijssen-Timmer D. Plasma collection and supply in Europe: Proceedings of an International Plasma and Fractionation Association and European Blood Alliance symposium. *Vox Sang.* 2023 Sep;118(9):798-806. doi: 10.1111/vox.13491. Epub 2023 Jul 18. PMID: 37463772.
- Pisani G, Cristiano K, Simeoni M, Martina A, Pati I, Carocci A, Gaggioli A, Marino F, Adriani D, Pupella S, **Candura F**, De Angelis V. Detection of antibodies against SARS-CoV-2 both in plasma pools for fractionation and in commercial intravenous immunoglobulins produced from plasma collected in Italy during the pandemic. *Blood Transfus.* 2021 May 27. doi: 10.2450/2021.0055-21. Epub ahead of print. PMID: 34059195.
- Franchini M, Cruciani M, Mengoli C, Marano G, **Candura F**, Lopez N, Pati I, Pupella S, De Angelis V. ABO blood group and COVID-19: an updated systematic literature review and meta-analysis. *Blood Transfus.* 2021 May 12. doi: 10.2450/2021.0049-21. Epub ahead of print. PMID: 34059188.
- Farrugia A, Grazzini G, Quinti I, **Candura F**, Profili S, Liumbruno GM. The growing importance of achieving national self-sufficiency in immunoglobulin in Italy. The emergence of a national imperative. *Blood Transfus* 2019; 17: 449-58. Doi: 10.2450/2019.0265-19.
- Franchini M, Marano G, Veropalumbo E, Masiello F, Pati I, **Candura F**, Profili S, Catalano L, Piccinini V, Pupella S, Vaglio S, Liumbruno GM. Patient blood management: a revolutionary approach to transfusion medicine. *Blood Transfus* 2019; 17: 191-5. Doi: 10.2450/2019.0109-19.
- Franchini M, Marano G, Pati I, **Candura F**, Profili S, Veropalumbo E, Masiello F, Catalano L, Piccinini V, Vaglio S, Pupella S, Liumbruno GM. Emicizumab for the treatment of haemophilia A: a narrative review. *Blood Transfus* 2019; 17: 223-8. Doi: 10.2450/2019.0026-19.
- Farrugia A, Liumbruno GM, **Candura F**, Profili S, Cassar J. Review Factors affecting the quality, safety and marketing approval of clotting factor concentrates for haemophilia. *Blood Transfus* 2018; 16:525-534. Doi: 10.2450/2018.0150-18.
- Farrugia A, Liumbruno G, Calizzani G, **Candura F**, Profili S, Cassar J. Improving access to haemophilia therapies-Beyond humanitarian aid. *Haemophilia.* 2018 Nov;24(6):e430-e432. doi: 10.1111/hae.13619. Epub 2018 Oct 12. PMID: 30311330.
- Arcieri R, Calizzani G, **Candura F**, Mannucci PM. Recommendations for factor VIII product source to treat patients with haemophilia A.; 15:285. Doi: 10.2450/2017.0032-17.
- Arcieri R, Calizzani G, **Candura F**, Mannucci PM. The increased demand for plasma-derived factor VIII in Italy. *Blood Transfus* 2017; 15:279-80. doi 10.2450/2016.0156-16.
- Marano G, Vaglio S, Pupella S, Facco G, Bianchi M, Calizzani G, **Candura F**, Catalano L, Farina B, Lanzoni M, Piccinini V, Liumbruno GM, Grazzini G. Hepatitis E: an old infection with new

implications. *Blood Transfus* 2015; 13: 6-20 Doi: 10.2450/2014.0063-14.

Marano G, Vaglio S, Pupella S, Facco G, Calizzani G, **Candura F**, Liumbruno GM, Grazzini G. Human Parvovirus B19 and blood product safety: a tale of twenty years of improvements. *Blood Transfus*. 2014 Nov 13:1-13. doi: 10.2450/2014.0174-14.

Giangrande P, Calizzani G, Menichini I, **Candura F**, Mannucci PM, Makris M. The European standards of Haemophilia Centres. *Blood Transfus*. 2014 Apr;12 Suppl 3:s525-30. doi: 10.2450/2014.0056-14s.

**Candura F**, Menichini I, Calizzani G, Giangrande P, Mannucci PM, Makris M. The methodology for defining the European Standards for the certification of Haemophilia Centres in Europe. *Blood Transfus*. 2014 Apr;12 Suppl 3:s519-24. doi: 10.2450/2014.0046-14s.

Calizzani G, Menichini I, **Candura F**, Lanzoni M, Profili S, Tamburrini MR, Fortino A, Vaglio S, Marano G, Facco G, Oliovecchio E, Franchini M, Coppola A, Arcieri R, Bon C, Saia M, Nuti S, Morfini M, Liumbruno GM, Di Minno G, Grazzini G. Definition of an organisational model for the prevention and reduction of health and social impacts of inherited bleeding disorders. *Blood Transfus*. 2014 Apr;12 Suppl 3:s582-8. doi: 10.2450/2014.0087-14s.

Calizzani G, **Candura F**, Menichini I, Arcieri R, Castaman G, Lamanna A, Tamburrini MR, Fortino A, Lanzoni M, Profili S, Pupella S, Liumbruno GM, Grazzini G. The Italian institutional accreditation model for Haemophilia Centres. *Blood Transfus*. 2014 Apr;12 Suppl 3:s510-4. doi: 10.2450/2014.0058-14s.

Franchini M, Liumbruno GM, Lanzoni M, **Candura F**, Vaglio S, Profili S, Facco G, Calizzani G, Grazzini G. Clinical use and the Italian demand for prothrombin complex concentrates. *Blood Transfus*. 2013 Sep;11 Suppl 4:s94-100. doi: 10.2450/2013.015s.

Liumbruno GM, Franchini M, Lanzoni M, **Candura F**, Vaglio S, Profili S, Catalano L, Facco G, Pupella S, Calizzani G, Grazzini G. Clinical use and the Italian demand for antithrombin. *Blood Transfus*. 2013 Sep;11 Suppl 4:s86-93. doi: 10.2450/2013.014s.

Calizzani G, Profili S, **Candura F**, Lanzoni M, Vaglio S, Cannata L, Liumbruno GM, Franchini M, Mannucci PM, Grazzini G. The demand for factor VIII and for factor IX and the toll fractionation product surplus management. *Blood Transfus*. 2013 Sep;11 Suppl 4:s64-76. doi: 10.2450/2013.011s.

Coppola A, Tagliaferri A, Calizzani G, **Candura F**, Franchini M, Ruosi C, Grazzini G, Di Minno G. Clinical use and the Italian demand for activated prothrombin complex and activated recombinant factor VII concentrates. *Blood Transfus*. 2013 Sep;11 Suppl 4:s101-9. doi: 10.2450/2013.016s.

Calizzani G, Vaglio S, **Candura F**, Profili S, Lanzoni M, Cristiano K, Tamburrini MR, Grazzini G, Oleari F. The evolution of the regulatory framework for the plasma and plasma-derived medicinal products system in Italy. *Blood Transfus*. 2013 Sep;11 Suppl 4:s6-12. doi:

10.2450/2013.003s.

Candura F, Lanzoni M, Calizzani G, Profili S, Vaglio S, Pupella S, Liumbruno GM, Grazzini G. The demand for polyvalent immunoglobulins in Italy. *Blood Transfus.* 2013 Sep;11 Suppl 4:s45-54. doi: 10.2450/2013.009s.

Vaglio S, Calizzani G, Lanzoni M, **Candura F**, Profili S, Catalano L, Cannata L, Liumbruno GM, Grazzini G. The demand for human albumin in Italy. *Blood Transfus.* 2013 Sep;11 Suppl 4:s26-32. doi: 10.2450/2013.006s.

Lanzoni M, Biffoli C, **Candura F**, Calizzani G, Vaglio S, Grazzini G. Plasma-derived medicinal products in Italy: information sources and flows. *Blood Transfus.* 2013 Sep;11 Suppl 4:s13-7. doi: 10.2450/2013.004s.

Calizzani G, Profili S, **Candura F**, Lanzoni M, Vaglio S, Cannata L, Catalano L, Chianese R, Liumbruno GM, Grazzini G. Plasma and plasma-derived medicinal product self-sufficiency: the Italian case. *Blood Transfus.* 2013 Sep;11 Suppl 4:s118-31. doi: 10.2450/2013.018s.

Lanzoni M, **Candura F**, Calizzani G, Biffoli C, Grazzini G. Public expenditure for plasma-derived and recombinant medicinal products in Italy. *Blood Transfus.* 2013 Sep;11 Suppl 4:s110-7. doi: 10.2450/2013.017s.

Calizzani G, Vaglio S, Arcieri R, Menichini I, Tagliaferri A, Antoncetti S, Carloni M, Breda A, Santagostino E, Ghirardini A, Tamburrini MR, Morfini M, Mannucci PM, Grazzini G. Co-authors Gringeri A, Iorio A and Lamanna A, Calteri D, **Candura F**, Profli S, Cinotti R, La Porta A, Tovoli D, Aquilino A and Avolio F, Carli S, Bon C, Perri E, Castaman G. (2013), Models for institutional and professional accreditation of haemophilia centres in Italy. *Haemophilia*, 19: e248–e255. doi: 10.1111/hae.12141.

**Candura F**, [...], Taylor C, Shiff C, Temu A, Coluzzi M. Factors involving domestic densities of mosquitoes within rural villages in Tanzania. Submitted.

**Candura F**, Powell JR, Coluzzi M. Is *Anopheles gambiae* plotting an escape from Sub-Saharan Africa? Submitted, April 2010.

Bietolini S, **Candura F**, Coluzzi M. Spatial and long term temporal distribution of the *Anopheles maculipennis* complex species in Italy. *Parassitologia.* 2006 Dec;48(4):581-608.

Fortino A, **Candura F**. Sistemi Informativi Geografici: le prospettive in Sanità Pubblica (Geographic Information Systems: prospects in Public Health). *CARE.* 2006 April; 2(22-28).

**Candura F**, Petrarca V, Bietolini S, Costantini C, Coluzzi M. Geographic distribution of paracentric inversion 2La in *Anopheles gambiae sensu stricto* in West Africa. *Parassitologia.* 2004 Jun;44,2:83.

Bietolini S, Zamburlini R, **Candura F**, Cringoli G, Coluzzi M. Is

*Anopheles sacharovi* disappeared from Italy? Retrospective analysis and new field data. *Parassitologia*. 2004 Jun;46,suppl 1.

## Technical Reports and Guidelines

**Candura F**, et al. Impact of Parvovirus B19 infection on transfusion safety - Preliminary analysis of epidemiological data and indications for donor management. Rome, October 2024. <https://www.centronazionalesangue.it/wp-content/uploads/2024/10/Technical-Paper-Parvovirus-B19Ec.pdf>.

**Candura F**, Massari MS, Profili S, De Fulvio L, Chelucci C, Brutti C, Biffoli C, De Angelis V. Demand for plasma-derived medicinal products in Italy 2022. Roma: Istituto Superiore di Sanità; 2023. (Rapporto ISTISAN 23/31 IT).

**Candura F**, Massari MS, Profili S, De Fulvio L, Chelucci C, Brutti C, Biffoli C, De Angelis V Demand for plasma-derived medicinal products in Italy 2021. Roma: Istituto Superiore di Sanità; 2023. (Rapporto ISTISAN 23/6).

**Candura F** et al. “Guidance document on the use of human immunoglobulins in contingency conditions” National Blood Centre (CNS) - Italian Medicines Agency (AIFA), February 2022.

**Candura F**, Massari MS, Profili S, De Fulvio L, Chelucci C, Brutti C, Biffoli C, De Angelis V. Analisi della domanda dei principali farmaci plasmaderivati in Italia.2020. Roma: Istituto Superiore di Sanità; 2022. (Rapporti ISTISAN 22/7).

**Candura F**, Massari MS, Profili S, De Fulvio L, Chelucci C, Brutti C, Biffoli C, De Angelis V. Demand for plasma-derived medicinal products in Italy. 2020. Roma: Istituto Superiore di Sanità; 2022. (Rapporti ISTISAN 22/7).

**Candura F** et al. “Documento di indirizzo sull’uso delle Immunoglobuline umane in condizioni di carenza” CNS-AIFA-2022.

**Candura F**, Massari MS, Profili S, Chelucci C, Brutti C, Biffoli C, De Angelis V. Demand for plasma-derived medicinal products in Italy, 2019. Roma: Istituto Superiore di Sanità; 2021. (Rapporti ISTISAN 21/13).

**Candura F**, Massari MS, De Fulvio L, Profili S, De Angelis V. Terapia sostitutiva nei pazienti affetti da coagulopatie congenite in Italia: analisi della domanda e della spesa dei principali medicinali impiegati per il trattamento e loro evoluzione nel periodo 2014-2019. Centro Nazionale Sangue – Istituto Superiore di Sanità.

**Candura F**, Salvatori ML, Massari MS, Calizzani G, Profili S, Chelucci C, Brutti C, Biffoli C, Pupella S, Liumbruno GM, De Angelis V. Italian Blood System 2018: demand for plasma-derived medicinal products. Volume 2. Roma: Istituto Superiore di Sanità; 2020. (Rapporti ISTISAN 20/23).

**Candura F**, Salvatori ML, Calizzani G, Profili S, Chelucci C, Brutti C, Biffoli C, Liumbruno GM. Italian Blood System 2017: demand for

plasma-derived medicinal products. Volume 2. Roma: Istituto Superiore di Sanità; 2019. (Rapporti ISTISAN 20/13).

**Candura F**, Calizzani G, Profili S, Chelucci C, Salvatori ML, Brutti C, Biffoli C, Liumbruno GM. Sistema trasfusionale italiano 2016. Analisi della domanda dei medicinali plasmaderivati – Volume 2; Italian Blood System 2016: demand for plasma-derived medicinal products - Volume 2. Roma: Istituto Superiore di Sanità; 2019. (Rapporti ISTISAN 19/12).

**Candura F**, Calizzani G, Profili S, Chelucci C, Brutti C, Biffoli C, Liumbruno GM, Analisi della domanda dei principali medicinali plasmaderivati in Italia. Anni 2014-2015. Roma: Istituto Superiore di Sanità; 2017. (Rapporti ISTISAN 17/20).

**Candura F**, Lanzoni M, Calizzani G, Profili S, Liumbruno GM, Biffoli C, Grazzini G. Analisi della domanda dei principali medicinali plasmaderivati in Italia. Anni 2011-2014. Roma: Istituto Superiore di Sanità; 2014. (Rapporti ISTISAN 16/7).

Calizzani G, Lanzoni M, **Candura F**, Profili S, Catalano L, Vaglio S, Biffoli C, Grazzini G. *Analisi della domanda dei principali medicinali plasmaderivati in Italia. Anni 2007-2011*. Roma: Istituto Superiore di Sanità; 2012. (Rapporti ISTISAN 12/53).

La Mobilità Interregionale nelle Malattie Rare in Taruscio D (Ed.). *Il Registro Nazionale e i Registri Regionali/interregionali delle malattie rare. Rapporto anno 2011*. Roma: Istituto Superiore di Sanità; 2011 (Rapporti ISTISAN 11/20).

Rete Italiana Centri di Documentazione per la Prevenzione e la Promozione della Salute - *Ricognizione interventi di prevenzione e promozione della salute negli adolescenti nelle Regioni italiane*. Torino, August 2009, Turin, Italy.

**Candura F**, Valente P, Rotella G, Crisci L, Tarsitani G. *Realtà e potenzialità di nuove professionalità e occupazione connesse con le attività di pesca*. Ministero delle Politiche Agricole, Alimentari e Forestali; CGIL – FLAI. pp.42. September 2007, Rome, Italy.

Dipartimento della Protezione Civile / Ministry of Health Care Education and Uva-Welassa Development / Italian National Health Institute. *Evaluation of the socio economic and health situation in selected district affected by the tsunami in Sri Lanka*. April 2007, Rome, Italy.

Sharif Aden A, **Candura F**. Technical Report on *Establishing the Research Unit at the Department of Research and Human Resources at the Ministry of Health of Eritrea*. PHARPE/WHO, MoH (Eritrea) and Cooperazione Italiana (Italy). Asmara, Eritrea, December 2003.

World Bank / Conseil Santé. *Mapping of Macro economic and financial data for the preparation of the next WB health sector loan to the Government of Armenia*. New York, March 2004.

European Commission - DG Development / Agmin Italy. *Mapping of EU member states contribution to Health ODA*. Bruxelles, June 2003.

Italian National Institute of Health. Technical Report on *Health Services in Palestine: needs, provision and performance - A mapping analysis*. Rome, October 2003.

Italian Center for the Social and Health Research (CIRSS) *La Dinamica della Mobilità Ospedaliera tra Lazio e Molise (Dynamics of hospital migrations between Latium and Molise)*. September 2003, Rome, Italy.

Italian Center for the Social and Health Research (CIRSS). *Migrazione Sanitaria Interregionale e verso i Paesi dell'Unione Europea (Health migrations inside Italy and toward European Union Countries)*. September 2003, Rome, Italy.

**Projects** **Information on research activities/projects (only recent activities/projects)**

Scientific Coordinator of the Action funded by the Annual Program of Activities for 2024 of the National Center for Disease Prevention and Control (NCCM) "Study on the appropriateness of the clinical use of polyvalent immunoglobulins in Italy". November 2024 - ongoing.

Scientific Coordinator and Project Manager of the Italian Development Cooperation Agency (AICS) funded project "Strengthening Clinical Centers for the Diagnosis and Treatment of Congenital Hemorrhagic Diseases and Hemoglobinopathies in Palestine (AID - 011719)". 2021 - ongoing.

Scientific coordinator of the project "Estimation of the national need for alpha1-antitrypsin through Screening of the affected population using electrophoretic protidogram at the Italian transfusion network". June 2024 - ongoing.

Scientific coordinator of the project "Synergistic Efficacy: optimization of the interaction between the pharmaceutical and transfusion network to enhance plasma as a strategic resource." June 2024 - ongoing.

Senior Researcher in the European Joint Action "CHESSMEN – Coordination and Harmonization of the Existing Systems against Shortage of Medicine - European Network" within the EU Programme EU4HEALTH "CP-g-01.1.1 Direct grants to Member States' authorities: availability of medicines, shortages and security of supply" in collaboration with the Italian National Transplant Centre (CNT) and the Italian Medicines Agency (AIFA). February 2023 – November 2025.

Senior Researcher in the project "SUPPLY – Strengthening voluntary non-remunerated plasma collection capacity in Europe" within the European call "EU4Health Programme", in consortium with EBA and other organizations/blood establishments. September 2022 – February 2024.

**Memberships** **Membership(s) hold in professional bodies**

Expert - Italy representative at the European Directorate for the Quality of Medicines & HealthCare (EDQM) - TS093 Plasma Supply Management Working Group.

Expert - Italy representative at the European Blood Association Contingency Planning Working Group.

Expert - Italy representative at the International Plasma Fractionation Association.

### **Fellowships held**

Eligibility for the reserved competition (first position) for 3 staff units in the professional profile of Senior Researcher – II level at the Italian National Institute of Health (Istituto Superiore di Sanità - ISS). Decree of the President of ISS 176/2017 of 05/07/2017.

Winner of the competition for positions and chairs for teaching staff (G.U. n. 29 of 12/04/2016) pursuant to Law 107 of 13 July 2015 for the Geography competition class (A021) and assignment on leave at the IISS "Gregorio da Catino".

Qualification to teach Geography (A021) in education institutions.

Eligibility for the competition (first position) for 60 staff units in the professional profile of Researcher – III level at the Higher Institute for Environmental Protection and Research (ISPRA) G.U. n. 92 of 27/11/2009, profile 24 – Data management and modeling.

2007 – 2009 Winner of a scholarship from the Cenci-Bolognetti Foundation for research activity within the project "Analysis of the transmission by saliva and the role of the "promoting" arthropods in the HHV-8 and Kaposi's sarcoma epidemiology", at the Section of Parasitology "E. Biocca", Department of Public Health Sciences "G. Sanarelli", University of Rome "La Sapienza".

2005 - 2006 Research activity within the "Bilateral Cultural and Scientific Collaboration Agreements" on "Modelling of the ecotyping of the *Anopheles gambiae* complex in sub-Saharan Africa and implications for the introduction of genetically modified vectors". Research project of the University of Rome "La Sapienza", Section of Parasitology "E. Biocca", Department of Public Health Sciences "G. Sanarelli" (resp. Prof. Mario Coluzzi) in cooperation with the Department of Ecology and Evolutionary Biology (resp. Prof. Charles Taylor) at the University of California, Los Angeles - U.C.L.A.

2005 - 2008 Research activity within the project "Analysis of the transmission by saliva and the role of the "promoting" arthropods in the HHV-8 and Kaposi's sarcoma epidemiology", at Section of Parasitology "E. Biocca", Department of Public Health Sciences "G. Sanarelli", University of Rome "La Sapienza".

2004 Teaching, research and training activities at the "Malaria Research and Training Center - (MRTC)" Bamako, Mali, the "Centre National de Recherche et Formation sur le Paludisme - (CNRFP)" Ouagadougou, Burkina Faso and the "Centre de Recherche Entomologique de Cotonou - (CREC), Cotonou, Benin.

### **Communications at conferences / congresses**

- Candura F**, Massari MS, Profili S, De Fulvio L, Zambito V, Gentilini I, Da Ros S, de Angelis V. The challenges in plasma supply. 35th Regional ISBT Congress, Milan, May 31 - June 4, 2025. ISBTABS25-1483.
- Profili S, **Candura F**, Massari MS, De Fulvio L, Zambito V, Da Ros S, De Angelis V. State of art on plasma production and plasma fractionation in Italy. 35th Regional ISBT Congress, Milan, May 31 - June 4, 2025. ISBTABS25-1482.
- Massari MS, De Fulvio L, Profili S, Silvioli G, Gentilini I, Da Ros S, **Candura F**, De Angelis V. Il costo della mancata autosufficienza di medicinali plasmaderivati in Italia nell'anno 2023: impatti e strategie per il futuro. 8<sup>a</sup> Conferenza Nazionale dei Servizi Trasfusionali - Roma, 19-21 marzo 2025.
- La Rocca U, Massari MS, De Fulvio L, Profili S, Silvioli G, La Raja M, De Angelis V, **Candura F**. Plasma liofilizzato come alternativa all'utilizzo del plasma fresco congelato. 45° Convegno Nazionale di Studi di Medicina Trasfusionale – Rimini, 29 – 31 maggio 2024.
- Candura F**, Massari MS, De Fulvio L, Profili S, Silvioli G, Da Ros S, De Angelis V. Gli scambi interregionali di medicinali plasmaderivati prodotti in conto-lavoro quale contributo strategico ai fini del raggiungimento dell'autosufficienza nazionale. 45° Convegno Nazionale di Studi di Medicina Trasfusionale – Rimini, 29 – 31 maggio 2024.
- Candura F.**, Di Giorgio D., Traversa G., Trotta M.T., Quinti I., De Silvestro G., Vecchiato C., Massari M.S., De Fulvio L., Profili S., Popoli P., De Angelis V. “Realizzazione di un documento di indirizzo sull'uso delle immunoglobuline umane in condizioni di carenza”. 7<sup>a</sup> Conferenza Nazionale dei Servizi Trasfusionali – Vicenza, 24 – 26 maggio 2023.
- Profili S., Massari M.S., De Fulvio L., Bordo M., Farina B., Mechelli L.O., **Candura F.**, Da Ros S., Vaglio S., De Angelis V. “Riorganizzazione e potenziamento dell'attività dell'unità di raccolta mobile del plasma per frazionamento”. 7<sup>a</sup> Conferenza Nazionale dei Servizi Trasfusionali – Vicenza, 24 – 26 maggio 2023.
- De Fulvio L., Scarlata S., Vacca M., Ferrarotti I., Corsico A., Massari M.S., Profili S., Amori E., Silvioli G., La Raja M., **Candura F.**, De Angelis V. “Il fabbisogno di alfa1-antitripsina in Italia negli anni 2017-2021: nuove prospettive” 7<sup>a</sup> Conferenza Nazionale dei Servizi Trasfusionali – Vicenza, 24 – 26 maggio 2023.
- Massari M.S., **Candura F.**, De Fulvio L., Profili S., Da Ros S., La Raja M., De Angelis V. “Analisi retrospettiva del fabbisogno di albumina in Italia negli anni 2011-2021” 7<sup>a</sup> Conferenza Nazionale dei Servizi Trasfusionali – Vicenza, 24 – 26 maggio 2023.
- Candura F.**, Profili S., M.S. Massari, De Fulvio L., Silvioli G., De Angelis V. “Il Fabbisogno in emocomponenti e plasmaderivati: quale futuro ci aspetta?” Blood Transfusion 20, Suppl no. 1 (44° Convegno Nazionale SIMTI 3 - 5 maggio 2022); ABS n. RE31.
- Massari M.S., **Candura F.**, De Fulvio L., Profili S., Catalano L., Da Ros S., La Raja M., De Angelis V. “Report sull'utilizzo del plasma donato-anno 2020” Blood Transfusion 20, Suppl no. 1 (44° Convegno

- Nazionale SIMTI 3 - 5 maggio 2022); ABS n. 1178.
- Massari M.S., **Candura F.**, De Fulvio L., Profili S., Catalano L., Da Ros S., La Raja M., De Angelis V. “Procedure di plasmateresi produttiva in Italia: trend della raccolta negli anni 2018 – 2020” Blood Transfusion 20, Suppl no. 1 (44° Convegno Nazionale SIMTI 3 - 5 maggio 2022); ABS n. 1160.
- De Fulvio L., **Candura F.**, Massari M.S., Profili S., Silvioli G., Da Ros S., La Raja M., De Angelis V. “Plasma per frazionamento conferito all’industria per la produzione di medicinali plasmaderivati – anni 2011-2021”. Premiato come miglior contributo scientifico. Blood Transfusion 20, Suppl no. 1 (44° Convegno Nazionale SIMTI 3 - 5 maggio 2022); ABS n. 1181.
- Candura F.**, Massari M.S., Profili S., De Fulvio L., La Raja M., Da Ros S., De Angelis V. “Aferesi produttiva e medicinali plasmaderivati”. XX Congresso Nazionale SIDEM – Rimini, 14-16 ottobre 2021.
- Vaglio S, Masiello F, Profili S, Calteri D, Fetta P, **Candura F**, Catalano L, Piccinini V, Forni GL, Pupella S, Liumbruno GM. Il Registro nazionale della Talassemia e delle altre Emoglobinopatie: primi dati. VI Conferenza Nazionale dei Servizi Trasfusionali – Rimini, 09-11 maggio 2019. Blood Transfus 2019; 17 Suppl 2, May 2019 Doi: 10.2450/2019.S2.
- Marano G, **Candura F**, Lanzoni M, Profili S, Calizzani G, Ubezio G, Vaglio S, Grazzini G, Liumbruno G.M. *Domanda reale e attesa di immunoglobuline anti-D (Rh) in Italia, anno 2014*. XXXXII Convegno Nazionale di Studi della Società Italiana di Medicina Trasfusionale e Immunoematologia (SIMTI). Bologna 21-25 maggio 2016. Blood transfusion 2014;12(4 Suppl):s760. Blood Transfus 2016; 14 Suppl 3, May 2016.
- Calizzani G, **Candura F**, Profili S, Chelucci C, Liumbruno GM. Programma nazionale plasma e i nuovi scenari per la plasmaderivazione. XXXXII Convegno Nazionale di Studi della Società Italiana di Medicina Trasfusionale e Immunoematologia (SIMTI). Bologna 21-25 maggio 2016. Blood Transfus 2016; 14 Suppl 3 May 2016.
- Calizzani G, **Candura F**, Profili S, Chelucci C, Liumbruno GM. La domanda di medicinali plasmaderivati in Italia. XXXXII Convegno Nazionale di Studi della Società Italiana di Medicina Trasfusionale e Immunoematologia (SIMTI). Bologna 21-25 maggio 2016. Blood Transfus 2016; 14 Suppl 3 May 2016.
- Calizzani G, **Candura F**, Profili S, Lanzoni M, Liumbruno GM, Grazzini G. *Il Programma Nazionale Plasma: una sfida per il futuro*. IV Conferenza Nazionale dei Servizi Trasfusionali - Napoli, 28-30 maggio 2015. Blood Transfus 13, Supplement no. 2, May 2015 - ISSN 1723-2007.
- Calizzani G, **Candura F**, Profili S, Chelucci C, Liumbruno GM. *Trend di consumo e appropriatezza dei principali medicinali plasmaderivati*. IV Conferenza Nazionale dei Servizi Trasfusionali - Napoli, 28-30 maggio 2015. Blood Transfus 13, Supplement no. 2, May 2015 - ISSN 1723-2007.

**Candura F**, Lanzoni M, Marano G, Liumbruno GM, Profili S, Calizzani G, Quinti I, Grazzini G. *Domanda delle immunoglobuline polivalenti sottocute in Italia nel triennio 2010-2012*. XXXXI Convegno Nazionale di Studi della Società Italiana di Medicina Trasfusionale e Immunoematologia (SIMTI). Rimini 14-17 maggio 2014. *Blood transfusion* 2014;12(4 Suppl):s760.

Marano G, Lanzoni M, **Candura F**, Profili S, Calizzani G, Liumbruno GM, Grazzini G. *Domanda reale e attesa di immunoglobuline anti-D (Rh) in Italia, anno 2012*. XXXXI Convegno Nazionale di Studi della Società Italiana di Medicina Trasfusionale e Immunoematologia (SIMTI). Rimini 14-17 maggio 2014. *Blood transfusion* 2014;12(4 Suppl):s760.

Calizzani G, **Candura F**, Lanzoni M, Profili S, Catalano L, Grazzini G. *Il fabbisogno di farmaci plasmaderivati: flussi e strumenti per la rilevazione dati*. XXXX Convegno Nazionale di Studi della Società Italiana di Medicina Trasfusionale e Immunoematologia (SIMTI). Rimini 23-26 maggio 2013.

Calizzani G, Menichini I, **Candura F**, O'Mahoney B, Giangrande P. A European certification system for haemophilia centres. XXIV Congress of the International Society on Thrombosis and Haemostasis, June 29 - July 4. Amsterdam, The Netherlands. *Journal of Thrombosis and Haemostasis* Volume 11, Issue Supplement s2, July 2013. ISSN 1538–7933.

Di Filippo F, Ventola M, Azzarito C, Indorato E, Nastasi A, Falconeri D, Frazzica G, **Candura F**, Tarsitani G. *Attività di analisi delle Buone Pratiche di intervento nella Prevenzione e Promozione della Salute Mentale degli adolescenti nelle Regioni italiane*. Conferenza Nazionale CIPES di Catania del 5-6 novembre 2009.

Ventola M, Di Filippo F, Azzarito C, Indorato E, Nastasi A, Falconeri D, Frazzica G, **Candura F**, Tarsitani G. *Attività di ricognizione nelle Regioni italiane di progetti e interventi di Prevenzione e Promozione della Salute mentale negli adolescenti*. Atti del convegno Guadagnare Salute: i progressi delle aziende sanitarie per la salute in Italia. Convegno nazionale - Napoli, 24-25 settembre 2009.

Romano R, **Candura F**, Russo G, Al Hamdani A, Ceccherini Nelli L, Benvegnù F, Ascoli V, Coluzzi M. (2006). *The use of saliva to soothe blood-sucking arthropod bites and the transmission of Human Herpesvirus 8 (HHV-8)*. 2006. *Clinical Microbiology and Infection* vol. 12 pp. 1070.

Romano R, **Candura F**, Russo G, Al Hamdani A, Ceccherini Nelli L, Benvegnù F, Ascoli V, Coluzzi M. *Use of human saliva and role of promoter-arthropods in the transmission of Human Herpesvirus 8 (HHV-8): comparison between Mediterranean areas and Africa (Uganda, Cameroon)*. 2006. Conferenza Nazionale della Società Italiana di Parassitologia, Messina 22/23 giugno 2006. Pubblicato in *Parassitologia*. Jun;48(1-2).

**Candura F**, Petrarca V, Bietolini S, Di Deco MA, Coluzzi M. *Potential distribution of the incipient species MOPTI homokaryotype 2Rbc/bc –*

*2La/a of Anopheles gambiae s.s.* 2006. Conferenza Nazionale della Società Italiana di Parassitologia, Messina 22/23 giugno 2006 pubblicato in *Parassitologia*. Jun;48(1-2).

Romano R, **Candura F**, Russo G, Al Hamdani A, Ceccherini Nelli L, Benvegnù F, Ascoli V, Coluzzi M. *The use of saliva to soothe blood-sucking arthropod bites and the transmission of human herpesvirus 8 (HHV-8)*. 16th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Nice 01-04/04/2006.

**Candura F**, Bietolini S, Petrarca V, Coluzzi M. *Distribution of Anopheles gambiae in Africa with particular emphasis on the Eastern spread of Mopti chromosomal form*. Atti del Congresso *The Malaria Challenge*, Università La Sapienza, Roma, giugno 2005.

Lamanna A, Aden AS, **Candura F**, Nur FA, Guerra R, Tarsitani G. Didactic innovations in an International Master on Health and Poverty. Acta from the XXXX National Congress of the Italian Society of Hygiene, Preventive Medicine and Public Health. Cernobbio (CO), Italy, 8-11 september 2002.

#### **Invited speaker at conferences / congresses**

“The challenges in plasma supply”. 35<sup>th</sup> Regional ISBT Congress, Milan, May 31 - June 4, 2025.

“Il valore economico dell'autosufficienza, il costo della non autosufficienza”. The economic value of plasma chain. Evento ECM organizzato da AVIS Emilia-Romagna. Bologna, 22 novembre 2024.

“Il Sistema nazionale della produzione di farmaci emoderivati”. XLV Congresso Nazionale Società Italiana di Farmacia Ospedaliera, Next Generation Pharmacy: Missione, Visione e Valore. Napoli, 17-20 ottobre 2024.

“Dal dono alla terapia: attualità e prospettive della produzione di medicinali plasmaderivati”. Il plasma come materia prima per la produzione di medicinali plasmaderivati: elementi critici nell'applicazione delle GPGs. Evento ECM organizzato dalla Regione Siciliana. Palermo 18-19 settembre 2024

“Raccolta e donazione di plasma”. La raccolta di sangue ed emocomponenti: le diverse funzioni in un sistema integrato. Evento ECM organizzato da Croce Rossa Italiana, Roma - 13 giugno 2024.

“Plasma per frazionamento conferito alle Aziende convenzionate nell'anno 2023 e nel periodo gennaio-maggio 2024”. Riunione Plenaria del Sistema trasfusionale, Roma 4 giugno 2024.

“The Italian experience on PDMPs contingency”. Seconda edizione del Convegno: "The supply of plasma-derived medicinal products in the future of Europe" - Roma, 23-24 aprile 2024.

All roads lead to Rome: Procuring and converting plasma in Europe. IPFA/EBA Symposium on Plasma Collection and Supply 7 - 8 February 2024, Leiden, The Netherlands.

“National and EU Infrastructures/ policy/ legal framework for plasma collection and PDMPs supply”, Meeting finale del Progetto SUPPLY ““Strengthening voluntary non-remunerated plasma collection capacity in Europe”, Leiden 5 febbraio 2024.

“Dalla donazione al farmaco: la “value chain” del plasma”. Evento scientifico “Plasmaferesi produttiva: buone pratiche a confronto” organizzato dal Centro Nazionale Sangue – Istituto Superiore di Sanità in collaborazione con il Centro Regionale Sangue della Regione Lazio e l’ASL di Viterbo.

“Plasma per frazionamento industriale conferito 2022-2023 e programmazione 2024”. Riunione Plenaria – Roma, 20 novembre 2023.

“Raccolta di plasma e disponibilità di immunoglobuline”. Centro Nazionale Sangue, Istituto Superiore di Sanità. Tavolo sulla disponibilità di Immunoglobuline – Roma, 6 ottobre 2023.

“Il Sistema della plasmaderivazione in Italia: benchmarking con altri sistemi europei”. Centro Nazionale Sangue, Istituto Superiore di Sanità. Evento “Il plasma come materia prima per la produzione di medicinali plasmaderivati: elementi critici nell’applicazione delle GPGs” – Genova, 19-20 giugno 2023.

Plasma per frazionamento conferito alle Aziende convenzionate nel periodo gennaio-aprile 2023. Riunione Plenaria – Centro Nazionale Sangue, Istituto Superiore di Sanità - Roma, 31 maggio 2023.

“Modelli organizzativi per garantire l’autosufficienza in plasmaderivati”. Centro Nazionale Sangue, Istituto Superiore di Sanità. 7<sup>a</sup> Conferenza Nazionale SIMTI – Vicenza, 24 – 26 maggio 2023

“Medicinali plasmaderivati: presente, prospettive, appropriatezza prescrittiva”. Centro Nazionale Sangue, Istituto Superiore di Sanità. Corso organizzato dalla regione Lazio: “Plasmaferesi, plasmaderivati e piastrinoaferesi: prospettive per un modello regionale” - Roma, 28 marzo 2023

“Giallo plasma: chi è il colpevole?”. Centro Nazionale Sangue, Istituto Superiore di Sanità. 1° Corso di formazione FIDAS - Roma, 18 marzo 2023.

“Plasma per frazionamento industriale conferito 2021-2022 e programmazione 2023” – Riunione Plenaria del 28/11/2022. Centro Nazionale Sangue, Istituto Superiore di Sanità.

“Stato della produzione di medicinali da plasma nazionale in Italia”. Centro Nazionale Sangue, Istituto Superiore di Sanità. Evento organizzato dall’AVIS di Viterbo – “Giovani Plasmati d’oro” - Viterbo 15 ottobre 2022.

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Other Relevant Information Nothing to declare