

UNESCO Chair Comprehensive Report 2022 – 2025 University of Brescia

TITLE OF THE CHAIR	Training and empowering human resources for health development in resource-limited countries
HOST INSTITUTION	University of Brescia, Italy Website: https://www.unibs.it/ricerca/unesco-chair-cattedra-unesco
DATE OF ESTABLISHMENT	Signature of the agreement is dated March 2014 Renewed on September 2022, for the period 2022-2026 (Ref: ED/FLI/22/218)
PERIOD OF ACTIVITY UNDER REPORT	March 2022 – November 2025
REPORT BY	<p>Prof. Francesco CASTELLI – Chairholder Professor of Infectious Diseases and Rector, University of Brescia (Italy)</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;">  <p>United Nations Educational, Scientific and Cultural Organization</p> </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <ul style="list-style-type: none"> • UNESCO Chair on Training and Empowering • Human Resources for Health Development • in Resource-Limited Countries • University of Brescia • <div style="text-align: center; margin-top: 30px;">  </div>

Executive Summary

Since its inception in March 2014, the Chair has inspired its action towards the fulfilment of its objectives (article 2 of the chair agreement) in close collaboration with UNESCO:

A) To provide training on global health at the undergraduate and postgraduate levels to students, health professionals, secondary school students and representatives of relevant non-governmental organizations from Italy and elsewhere

During the reporting period, the Chair has consistently organized the Post-graduate Course in Global Health, which serves as a core module of the TropEd Master in International Health. This annual course represents a cornerstone of the Chair's educational and capacity-building activities, reflecting UNESCO's mission to promote equitable access to quality education and strengthen global collaboration in health and development.

Between 2022 and 2025, a total of sixty-two health professionals, including medical doctors, nurses, midwives, and health assistants, successfully participated in the course. To foster inclusivity and global equity, the Chair awarded five scholarships to participants from low- and middle-income countries (LMICs), ensuring their active engagement in this international learning experience.

This training initiative has had a significant impact on raising awareness of health equity, access to care, and social determinants of health, while also empowering young health professionals to design and implement socio-health cooperation projects in diverse global contexts. Among the alumni, sixteen are currently enrolled in the Master's program in International Health, five have completed fieldwork in LMICs, and four have successfully defended their Master's theses, demonstrating the long-term academic and professional outcomes of the program.

In 2024, the Chair also contributed to the organization of the Post-graduate Advanced Course on "Migrant Health and Clinical and Laboratory Parasitology," in collaboration with the University of Minnesota (USA). This course, recognized as a TropEd Advanced Course, provided a comparative perspective on epidemiological and regulatory aspects of migration policies across European and American systems. It aimed to enhance understanding of migration-related health challenges and promote evidence-based strategies for addressing migrant health issues in both low- and high-income countries.

Through these educational initiatives, the Chair has strengthened research, training, and capacity development in alignment with UNESCO's priorities—particularly those concerning Global Citizenship Education, Sustainable Development Goal 3 (Good Health and Well-Being), and SDG 10 (Reduced Inequalities). The Chair's activities have promoted interdisciplinary collaboration, intercultural dialogue, and knowledge exchange between academic institutions, public health agencies, and international organizations.

The impact of these activities is reflected in the development of a growing network of global health professionals committed to advancing health equity, social justice, and international solidarity. The Chair's training programs have contributed to UNESCO's overarching goals of building inclusive knowledge societies, empowering young professionals, and fostering partnerships that translate academic knowledge into tangible improvements in global health systems.

B) To develop and expand collaborations in the field of global health with higher education institutions from resource-limited countries

In line with UNESCO's mission to foster international cooperation, equitable access to education, and capacity building, the Chair has actively pursued and strengthened strategic collaborations in the field of Global Health with higher education institutions in resource-limited countries. These partnerships aim to promote mutual learning, intercultural dialogue, and sustainable development through joint research, training, and academic exchange.

Kwame N'Krumah University of Science and Technology (KNUST), Kumasi, Ghana

The partnership with KNUST, established in 2022, represents a cornerstone of the Chair's international cooperation strategy. This agreement, which remains active, has proven exceptionally productive, fostering a dynamic exchange of knowledge and expertise. Key outcomes include:

- ERASMUS+ mobility programs facilitating undergraduate student exchanges and outgoing faculty teaching missions, including joint supervision of doctoral theses;
- The Visiting Professorship of Prof. Daniel Yaw Addai Duah has further strengthened institutional and academic ties between the two universities.

This collaboration exemplifies the Chair's commitment to promoting academic mobility, knowledge transfer, and capacity development as instruments to bridge global inequalities in health education.

Save University, Chai Chai, Mozambique

The Chair has deepened its cooperation with Save University through joint research projects funded by the Italian Agency for Development Cooperation (AICS) and the Museke Foundation (Brescia). These projects focus on strengthening local capacities in health research and education, emphasizing community engagement and sustainability. The partnership has enhanced institutional collaboration between Italy and Mozambique, contributing to UNESCO's goal of building inclusive and resilient knowledge systems in low-resource settings.

Makerere University, Kampala, Uganda

Collaboration with Makerere University been another key achievement. Each year, medical students from the University of Brescia participate on a voluntary basis in a one-month elective placement at Makerere University. In 2022 and 2023 the project stopped due to COVID19, while in 2024 and 2025, a total of thirty-four medical students, participated in this international exchange. This experiential learning opportunity exposes students to diverse health systems and epidemiological contexts,

reinforcing competencies in global health, intercultural understanding, and ethical practice. It embodies UNESCO's principles of education for sustainable development and global citizenship.

UNITAfrica Project

The UNITAfrica Project, led by the University of Brescia, stands as a flagship initiative under the Chair's coordination. This ambitious network brings together 21 Italian universities and 78 African higher education institutions with the goal of fostering joint education, research, and academic cooperation across continents. The project promotes equitable partnerships, mutual capacity strengthening, and collaborative innovation, directly contributing to UNESCO's priorities in higher education internationalization, South–North cooperation, and knowledge sharing for sustainable development.

Through these strategic collaborations, the Chair has created a vibrant ecosystem of mutual research and teaching exchange between different academic institutions. These partnerships have contributed to reinforce capacity building of young professionals and academics in global health and related disciplines. Moreover, it contributed to the co-creation of knowledge through joint research and intercultural learning.

C) To promote, jointly with partners, operational research on poverty-related and neglected diseases, on HIV/AIDS, tuberculosis and malaria, both in highly endemic countries and in Europe, and disseminate results widely

Between 2022 and 2025, the Chair has undertaken an extensive portfolio of research projects conducted in both low- and middle-income countries (LMICs) and high-income countries (HICs). These initiatives reflect the Chair's commitment to promoting equitable global health research, advancing scientific knowledge, and strengthening international cooperation in alignment with UNESCO's mission to foster inclusive, evidence-based approaches to sustainable development and social well-being. The Chair's research activities have addressed a broad spectrum of global health challenges with a particular focus on diseases and conditions disproportionately affecting vulnerable and underserved populations.

The major thematic areas included:

- therapeutical strategies for the treatment of imported malaria,
- feasibility assessment of HIV and TB treatment in remote communities,
- prevalence of neglected tropical diseases in rural areas high endemic countries,
- the impact of Covid-19 on the cascade of care in disadvantaged populations,
- migration medicine.

Over 88 articles have been published on international peer-reviewed high impact journals during the period 2022-2025, reporting the results of the research carried out by the Chairholder and his team on poverty-related and neglected and other infectious diseases . In addition, 12 chapters of book have been written.

D) To foster networking, capacity development and the sharing of knowledge and of good practices in the field of focus, notably through the organization of meetings and workshops

In accordance with UNESCO's objectives to promote international cooperation, capacity building, and the exchange of knowledge and good practices, the Chair has actively fostered networking and interdisciplinary dialogue among academic institutions, researchers, and professionals engaged in global health, social equity, and sustainable development. Between 2022 and 2025, the Chair organized and contributed to several high-level meetings, workshops, and academic events designed to strengthen collaboration, disseminate research findings, and stimulate reflection on emerging challenges in global and migration health.

- The Panel *"Health Cooperation. New Challenges in health training and research cooperation"* in the context of the National Conference of the Italian Universities for Cooperation, Naples, 21-23 April 2022
- The meeting of the UNESCO Chairs *"Brescia. Porto di Mondi in the context of the events' panel of Brescia, Italian Capital of Culture,"* February 23-25, 2023
- The Summer School on Migration Health. A world on the move (Montisola, 22-26 September 2022) ([Corso "Migration and Health: a world on the move" | UNIBS](#))

Collectively, these events have served as catalysts for dialogue, collaboration, and innovation in global health and development. They have facilitated the dissemination of research findings and best practices on health equity, migration, and cooperation, together with strengthening the capacity of students, young professionals, and educators through experiential learning and policy-oriented discussion. Through these initiatives, the Chair has consolidated its role as a hub for dialogue and capacity building, advancing the shared vision of UNESCO to foster inclusive, knowledge-based societies where education, research, and international cooperation drive equitable progress.

E) To closely cooperate with UNESCO

Over the reporting period, the UNESCO Chair has made significant progress toward its overarching objectives, contributing meaningfully to UNESCO's mission of fostering peace, sustainable development, and intercultural dialogue through education, science, and culture. The Chair's activities have advanced the Organization's priorities, particularly in the areas of health, equity, and international collaboration within higher education.

- Attendance at the meeting for UNESCO Chairs of South-east Europe and the Mediterranean, Venice, 26-28 October 2022;
- Talk: *"Global Health, None left behind"* – UNESCO associated Schools, 15 July 2025
- The Chair's staff has actively contributed to the editing of the Volume *"Empowering higher education in Africa: Italy and the UNESCO Chair Network"*, 2024
- Continuous participation to the meetings and events carried out by ReCUI (Rete Cattedre UNESCO Italiane), with active organizational and speaker's role

- The Chair has contributed to the high ranking of the University of Brescia in promoting SDGs, with particular regard to SDG n. 3 (Health) and n. 10 (Reduced inequalities – World Rank 2025 = 70).

Activities

Overview of activities undertaken by the Chair during the reporting period

a. Education, Training and Research

<p>EDUCATION</p> <p>Post-graduate Course on Global Health</p> <p>University of Brescia</p>	<p>The UNESCO Chair of the University of Brescia organizes the Post-Graduate Course on Global Health coordinated by the Chairholder Prof. F. Castelli and by Prof. A. Matteelli. From 2022 until 2024, the Course was organized onsite, while in 2025 a mix organization (both onsite and online lectures and activities) was offered to the students in order to facilitate the participation.</p> <p>The Course is recognized as the Core Course of the TropEd European Master in International Health (www.troped.org). The post-graduate course in Global Health has recently been accredited by TropEd for a further period of 5 years, starting from October 2021. The course is composed of the following 5 modules:</p> <ul style="list-style-type: none"> • Introduction and orientation • Public policies for global health • Basic epidemiology and research methods • International cooperation and migration health • Global burden of diseases, health problems, and response. <p>Many Professors from International Institutions and Organizations, such as TropEd Universities, WHO, and National and International NGOs, participated in the Course. A post-graduated certificate is issued at the end of the Course. The UNESCO Chair of the University of Brescia annually offers a full scholarship for healthcare personnel from LMICs.</p> <p>Since 2015, the UNESCO Chairs has opened a yearly call to offer one full scholarship (6.000 €) to students from low-income Countries. Between 2022 and 2025 the Chair awarded five scholarships to participants from low- and middle-income countries (LMICs), ensuring their active engagement in this international learning experience.</p>
<p>EDUCATION</p> <p>First-level Master in International Health</p> <p>University of Brescia</p>	<p>The UNESCO Chair actively contributes to the planning and running of the Master's Degree Course in International Health offered by the University of Brescia since 2019 and belonging to the TropEd network. The Master offers the opportunity to undertake a curricular course of advanced training in International and Global Health, focusing on the factors that influence the health of all human populations, and in particular on health problems related to poverty in low- and middle-income countries. The proposed training will contribute to the education and teaching of sustainable development principles for improved</p>

	<p>management, delivery and quality of health services in low resource countries. At the end of 2025, 16 students were enrolled in the Master's program and between 2022 and 2025, five have completed fieldwork in low- middle-income countries, and four have successfully defended their Master's theses, completing the Master</p>
<p>EDUCATION</p> <p>Summer School in International Cooperation</p> <p>CeTAmb, University of Brescia</p>	<p>In 2023 and 2024, the Summer School in International Cooperation "The role of appropriate technologies in water, sanitation and waste management to address humanitarian emergencies" was organized by the University of Brescia, CeTAMB (Research Center "Appropriate technologies for environmental management in countries with limited resources"), supported by Fondazione Cogeme, Museke, Sipec and Tovini Fundation. This Summer school focused on the appropriate technologies for managing WASH (Water, Sanitation and Hygiene) services in humanitarian emergencies caused by extreme climate events (e.g. floods, earthquake, etc) and armed conflicts.</p> <p>The UNESCO Chair contributed to this course with a lecture on the health aspects within humanitarian emergencies and the assessment in rural and urban areas, Sub Saharan Africa.</p>
<p>EDUCATION</p> <p>Course in Tropical Medicine and International Health</p> <p>Medicus Mundi Italia and Department of Infectious Diseases, ASST Spedali Civili of Brescia</p>	<p>The Non-Governmental Organization Medicus Mundi organizes the annual course in Tropical Medicine and Global Health, targeting healthcare professionals. The objective of the course is to provide fundamental technical elements on: Management of healthcare services in resource-limited countries and the tropical diseases covered in the course; Designing socio-health cooperation projects; Enhancing cultural competence for the diagnostic approach and clinical management of imported diseases and migration-related health issues. The Chair is actively involved in the scientific organization of the modules and the participation of its members as lecturers during the sessions.</p>
<p>TRAINING</p> <p>Migrant Health and Clinical and Laboratory Parasitology</p> <p>University of Brescia</p>	<p>The post-graduated advance Course "Migrant Health and Clinical and Laboratory Parasitology" was held from the 16th of September to the 4th of October 2024 for a total of 90 hours, in collaboration with the University of Minnesota - Minnesota Medical School and IRCCS Ospedale Sacro Cuore Don Calabria. The Course is a TropEd advance Course and will present epidemiological and regulatory migration policies of the European and American system comparatively. The goal is to gain both knowledge and practical skills regarding the understanding and management of migrants' health issues. A particular focus was dedicated on laboratory diagnostic skills for the main parasitic diseases and how they adversely affect the health of migrants.</p> <p>(Link: https://www.unibs.it/en/education/post-lauream/masters-continuous-improvement-courses-teacher-training/advanced-and-refresher-training-courses/corso-di-alta-formazione-migrant-health-and-clinical-and-laboratory-parasitology)</p>

<p>TRAINING Migration and Health: a world on the move – Montisola (Brescia)</p>	<p>The European Society of Clinical Microbiology and Infectious Diseases (ESCMID) sponsored the organization of the Post-Graduated Course in Migration Health in September 2022 proposed by the UNESCO Chair of University of Brescia, together with the International Society of Travel Medicine (ISTM), ESGTIM, McGill University, Montreal, Canada and St George University of London, UK. From 26 to 30 September 2022, a higher education course in the field of migration medicine was held in hybrid-format, where international leading academic experts, policy-makers and activists participated as faculty. Overall, 53 students from different backgrounds and from all over Europe attended the course accredited with 35 CME Credits (Residential Course) and for 50 CME Credits (FAD-Webinar). The advanced training course has received the sponsorship and participation of many important realities engaged on the theme of migration, including the Italian Society of Migration Medicine (SIMM), Italian Society of Tropical Medicine and Global Health (SIMET), Italian National Institute for Migration and Poverty (INMP), Institute for Economic and Employment Studies (I.S.E.O.). (Link available: ESCMID: Migration and Health: a world on the move; Corso "Migration and Health: a world on the move" UNIBS)</p>
<p>RESEARCH</p>	<p>The Brescia UNESCO Chair carries out research in the following fields:</p> <ul style="list-style-type: none"> • Migration medicine • Health in Low-Middle income countries • Poverty-related diseases including HIV/AIDS, tuberculosis and malaria • Neglected Tropical Diseases <p>Concluded Operational Research in LMICs: “PROTEGGIMI” The project aims to strengthen and expand decentralized HIV prevention, diagnosis, and treatment services at the EU level, with a specific focus on preventing vertical HIV transmission and diagnosing and treating tuberculosis. In addition, the project includes an essential component of community awareness. Cross-cutting activities are also planned, including training and on-the-job training of health workers in HIV and maternal-child transmission. The project ended in 2023 and involved about 216,000 people and patients, of which 70,000 children aged < 5 years and 26,000 minors aged between 5 and 14 years. The project is directed and promoted by the NGO Medicus Mundi Italia, with which the UNESCO Chair of the University of Brescia partners and coordinates operational research activities. A scientific paper was published within 2025 in order to share the analysis conducted. The project is co-financed by the Italian Agency for Development Cooperation and the Global Fund. (Link available: Mozambico - PRoTeggiMI - Medicus Mundi Italia)</p> <p>Concluded Operational Research in LMICs: “REACH” The UNESCO Chair of the University of Brescia is leading a research project called "REACH," which is co-financed by the Italian Agency for</p>

Development Cooperation and the Global Fund. The aim of this project is to contribute to the fight against HIV in remote communities in Mozambique by implementing innovative identification and linkage to care systems for HIV patients in the Inhambane Province of Mozambique.

The research activities being carried out include a study of the diagnostic pathways of HIV in pediatric patients at risk of vertical transmission in rural areas, monitoring the effectiveness of treatment in HIV+ patients followed by mobile clinics, and implementing and evaluating an innovative mobile health strategy to increase adherence to treatment of patients with HIV infection.

Moreover, the project involves creating and implementing an electronic system for the systematic collection of clinical data of patients with HIV infection in Brigadas Móveis and TARV Móveis, introducing electronic geolocation systems, and conducting a qualitative survey to collect demographic and epidemiological data on beneficiary communities. The survey aims to analyze the social determinants and main challenges to access health services for the development of targeted health strategies. A scientific paper will be published within 2026 in order to share the analysis conducted.

(Link Available: [Mozambico - REACH - Medicus Mundi Italia](#))

Ongoing Operational Research in LMICs: “A student for his community”

The UNESCO Chair of the University of Brescia, in collaboration with the MUSEKE Foundation and the NGO MEDICUS MUNDI ITALIA, is spearheading the "A Student for His Community" project. This initiative aims to train university students enrolled in health courses at the FACSAD faculty (UNISAVE) in the province of Inhambane, Mozambique, and postgraduate students in Infectious and Tropical Diseases at UNIBS, in the community health approach and the impact of health determinants on the health status of their own territory, through an integrated and multidisciplinary approach.

The Mozambican health professions students will undergo an internship period in rural communities, where they will conduct health promotion and awareness-raising activities, as well as screening and prevention of the primary determinants of health. The students will progressively gain awareness of the health issues and social risk factors present in the rural communities involved. At the same time, rural families will benefit from ongoing public health monitoring and health training. In collaboration with FACSAD Professors, a pilot project was conducted from February to May 2023 in the communities surrounding the FACSAD Faculty in the Nhaguiviga neighborhood. A total of 385 socio-demographic questionnaires were administered to households, and nearly 1000 individuals were reached for specific health-related surveys. Currently, the analysis of the questionnaire responses is underway.

(Link available: [“Uno studente per la sua comunità”: un approccio](#))

[formativo e di incontro tra gli studenti sanitari e la comunità rurale del Mozambico – Fondazione Museke Onlus\)](#)

**ONGOING Operational Research in LMICs:
“Evaluation of the impact of mass drug administration for schistosomiasis and soil-transmitted helminthiasis, in the rural areas of the Inhambane province”**

The UNESCO Chair of the University of Brescia, in collaboration with the MUSEKE Foundation, the NGO MEDICUS MUNDI ITALIA, the SAVE University of Mozambique and the Ministry of Health of Mozambique, is supporting a parasitology project, so called " Evaluation of the impact of mass drug administration for schistosomiasis and soil-transmitted helminthiasis, in the rural areas of the Inhambane province". A research protocol was approved by the Comité Nacional de Bioética em Saúde in July 2024. The research aims to analyze stool and urine samples from children aged 5–15 years attending 3 schools in rural district of the Inhambane Province: Mocodoene and Nhaquivica to estimate the prevalence of geohelminthiasis and schistosomiasis. Additionally, the study seeks to assess the awareness of these diseases within the community through a short questionnaire. The project consists of three phases: 1) Training phase, 2) Data collection phase, 3) Data analysis phase

In training phase, together with local health personnel and students of the SAVE University of Mozambique, an infectious disease specialist and PhD candidate at the University of Brescia, planned and conducted several training sessions for school teachers, parents, community leaders, and students. A strong emphasis was put on hygiene and sanitation education, a key tool for preventing these diseases. In the data collection phase, stool and urine samples were collected and analyzed using microscopy technique. The data analysis will be conducted within 2025.

b. Conferences and Meetings <i>(key conferences and meetings organized by the Chair or to which its Chairholder contributed)</i>	
Key conferences and workshops hosted by the Chair	<p>Le Università Svelate - Italian National Day for Universities (20th March 2024) On the occasion of the Italian National Day for Universities, promoted by CRUI under the patronage of the Ministry of University and Research, University campuses engage with citizens by organizing public events to offer an inside view of university life. UniBs joins the initiative with a rich program of activities, including guided tours of its historic buildings and events dedicated to high school students participating in <i>Uno su Cento</i>. The Faculty of Medicine presents a lecture by the Rector, Prof. Francesco Castelli, on the pandemic titled "<i>Chi ha dato la Pinta alla Santa Maria.</i>" The lecture has been focused on travel as a vehicle for the spread of diseases. (Link available: https://www.unibs.it/it/ateneo/comunicazione/tutte-le-news/universita-svelate-il-20-marzo-unibs-aderisce-alla-prima-giornata-nazionale-delle-universita)</p> <p>Ripensare alla Cooperazione Internazionale - Meeting on International Cooperation for development (11th October 2024) The international conference titled "<i>Rethinking International Cooperation, (Ripensare alla Cooperazione Internazionale)</i>" focused on the history of international cooperation, its challenges, and an overview of various cooperation projects carried out by the different faculties of the universities in the city of Brescia. (Link available: https://progetti.unicatt.it/cattedra-unesco-ripensare-la-cooperazione-internazionale-24636)</p> <p>Brescia, porto di mondi: le Cattedre UNESCO italiane raccontano il fenomeno migratorio nel nostro Paese (23rd and 24th February 2023) During the Brescia-Bergamo Italian Capital of Culture 2023 event, on February 23rd and 24th, the UNESCO Chair on Training and Empowering Human Resources for Health Development in Resource-Limited Countries at the University of Brescia, in collaboration with the Network of Italian UNESCO Chairs, organized a two-day conference aimed at creating a multidisciplinary forum for discussion on the various aspects of migration phenomenon and integration models. The opening Reporting year 2023 7 ceremony also saw the participation of Minister Enrico Vicenti from the Italian National Commission for UNESCO. The conference also featured the participation of the Guarimba Film</p>

Festival, showcasing a selection of auteur short films on the theme of migration. The conference brought together various presentations led by different Italian UNESCO Chairs on transdisciplinary themes and migration, with a special focus on education. Direct testimonies from local organizations operating in the Brescia area, working on issues of reception and integration, were also presented. The meetings were open to the public and university students, bringing the community and students closer to interventions and testimonies from experts. In fact, around fifty university students from the University of Brescia attended, and they received university credits (ECTS). (Link available: <https://www.unesco.it/it/news/brescia-porto-di-mondile-cattedre-unesco-italiane-raccontano-il-fenomeno-migratorio-nelnostro-paese/>)

VII CUCS Congress Naples 2022 University Cooperation in the New Challenges for Sustainable Development (April 21-23, 2022).

The 7th Conference of the CUCS network (University Coordination for Development Cooperation, a network of 30 Italian universities) was organized by the University of Naples "Federico II" and "L'Orientale", held in Naples from April 21-23, 2022. This conference originated from the academic world, with a particular focus on young people and students, to address all actors in international cooperation, proposing to facilitate the building of networks, mutual exchange, synthesis of experiences and concepts, innovation development, and dissemination of knowledge through the mechanisms and procedures of Open Science, so that the North and South of the world can together tackle the challenges posed by the sustainability of cities, lands, and food, climate and health, oceans and inland waters, energy, etc., in the new context of the multipolar world and the so-called Industry 4.0 in pandemic and post-pandemic times. Universities, together with all actors in development cooperation, intend to 6 increasingly strengthen the dialogue and exchange between the North and the South of the world in a logic of co-design and knowledge sharing to promote and implement strategies, policies, and actions starting from the three pillars of their activity: research, training, and know-sharing or third mission, contributing to "strengthen the means of implementation and renew the global partnership for sustainable development" (Goal 17 of the SDGs). The UNESCO Chair at the University of Brescia organized the session "Health Cooperation: New challenges in health training and research cooperation" in which six inter-university health cooperation projects and six posters were presented.

(Link available: CUCS Napoli 2022 – CUCS (retecucs.it))

Advocacy as participatory intervention in the fight against schistosomiasis: a multi-country project

We implemented a multi-country project to raise awareness for schistosomiasis on the occasion of the 2022 Neglected Tropical Diseases (NTD) day. The initiative, promoted by BNITM and the Italian NGO "Comunità Volontari per il Mondo" with the sponsorship of the Brescia UNESCO Chair, aimed to advocate for this poverty-related disease, which is highly neglected by the global health agenda, and which affects populations, especially in tropical and rural areas. The

	<p>project was conducted in two endemic (Senegal and Madagascar) and two nonendemic (Italy and Germany) countries, involving school-aged children in awareness activities on schistosomiasis. Trained volunteers from the healthcare sector or non-governmental organizations conducted information sessions, and the children were asked to draw about schistosomiasis after the session. We produced a three-minute video to disseminate the activity and multiply the advocacy echo through social media distribution. The project involved 15 volunteers in five schools and 220 students between December 2021 and February 2022, resulting in the production of 71 drawings in Senegal and 10 in Italy. In Brescia, we conducted the advocacy activity on schistosomiasis on December 17th at the "Bangerang" after-school program, where, after an explanation of the disease and its causes, 15 children between the ages of 11 and 14 from different geographical areas (mostly North Africa, Sub-Saharan Africa, and Southeast Asia) were asked to draw a picture that could help prevent the disease. After a week, they were asked to explain their drawings. On the NTD day, the three-minute video was released on social media through official channels of the involved organizations. This project highlights the potential of community-based participatory approaches to promote health awareness and to cross barriers between endemic and non-endemic countries. (Link available at: https://www.unibs.it/it/ateneo/comunicazione/tutte-lenews/giornata-mondiale-delle-malattie-tropicali-neglette-30-gennaio)</p>
<p>Key conferences or activities undertaken by the Chairholder</p>	<p>Health literacy and communication with migrants' populations. The case of Covid-19 - 22nd International and Interdisciplinary Conference on Communication, Medicine and Ethics (26th of June) The COMET conference aims to bring together scholars from different disciplinary backgrounds involving various healthcare specialties and the human and social sciences. A special emphasis is on the dissemination of ongoing research in language/discourse/communication studies in relation to healthcare education, patient participation and professional ethics. (Link available: https://comet2024.unibs.it/)</p> <p>Global Health – Summer School on International Cooperation (10th September 2023) The cultural proposal of the Training Course aims to recall the foundations of the pedagogy of international cooperation in order to promote a community capable of supporting personal and social identity in various contexts. The course program is structured to encourage interdisciplinary reflection in light of ongoing global changes, with the objective of developing conscious and sustainable project planning in the international sphere. It seeks to establish an interconnected approach with ecosystems and various scientific, cultural, and economic fields. The approach to international cooperation must shift from a needs-based model—focused on reducing deficiencies through resource transfers—to a rights-based approach that enhances people’s capabilities and freedoms. The topic of international cooperation will be explored through contributions from various disciplines, including anthropology, medicine, economics, ethics, law, engineering, agriculture, and pedagogy. The main goals</p>

of the Course are: understanding the context and different forms of international cooperation carried out by International Organizations and Non-Governmental Organizations (NGOs); conducting a critical analysis of the degree of recognition and implementation of human rights at regional, national, and international levels, gaining insight into international cooperation strategies and policies to reflect on the pedagogical paradigm applied to the promotion and holistic development of individuals, acquiring skills and tools useful for implementing international cooperation activities.

(Link available: <https://www.fondazionemuseke.org/2024/04/03/corso-di-formazione-alla-cooperazione-internazionale-vi-edizione/>)

INTERNATIONAL MIGRANTS DAY Italian UNESCO Chairs for Migrants Towards a Shared Statement (December 18th, 2023, Primoli Foundation, Rome)

On December 18th, from 2:30 PM to 5:30 PM, the Network of Italian UNESCO Chairs (ReCUI), on the occasion of the International Migrants Day, is organizing a public event to present a shared Statement on the topic of migrations, at the Primoli Foundation. The Agenda 2030 promises the inclusion of every migrant, aligning with UNESCO's commitment to promoting goals related to migration. Through a Statement, the Network of Italian UNESCO Chairs pledges to disseminate and practice those principles focused on cultural diversity, migration challenges, the central role of education, inclusion, human dignity, and human rights. In this context, ReCUI plays a fundamental role in promoting intercultural dialogue and social inclusion. The text also emphasizes the importance of education, health, and inclusive cities, urging Europe to recognize migration as a structural phenomenon, to foresee the promotion of inclusive urban societies, and the role of media in shaping narratives on migration.

(Link available at: <https://web.uniroma1.it/memotef/en/archivionotizie/giornatainternazionale-dei-migranti-18-dicembre-2023>)

MEI DAY for the future: Manufacturing, Education, Innovation. The Role of Continuous Training in Enterprises and Future Cities. ReCUI with the Italian National Commission for UNESCO, UNESCO Institute in Hamburg, and National Confederation of Italian Industry (Confindustria). (October 31, 2023 Rome)

On October 31, 2023, the UNESCO Global Network of Learning Cities will celebrate its tenth anniversary, encompassing 292 cities from 76 Reporting year 2023 8 countries with a population of over 310 million citizens. Italy plays a central role in the network's development, particularly in the manufacturing sector. To mark the occasion, Confindustria and the Italian National Commission for UNESCO have organized a seminar titled "MEI DAY for the future" to initiate a platform for dialogue on education. This will involve direct discussions with experts, businesses, social partners, representatives from national institutions, and representatives from learning cities in Italy. The aim is to provide a comprehensive overview of the state of continuous education in our country, both for young people and adults, through a Road Map outlining strategic pathways for the future and identifying areas for improvement. This strategic asset aims to activate key mechanisms that enhance the competitiveness of

cities and territories, facilitating the personal growth of young people and workers through a continuous learning process. The seminar comprised a plenary session and three thematic panels – Manufacturing, Education, Innovation – featuring some of the leading experts from Italy and Europe in these fields. The Chair of University of Brescia participated as an expert in the topic of migration and innovation. (Link available at: <https://www.confindustria.it/home/appuntamenti/eventiconfindustria/dettaglio-evento/MEI-DAY-for-the-future>)

Cities Changing the World: Taking Care of Spaces and People. ReCUI University Sapienza, (November 8-9, 2023, Rome)

The conference "Cities Changing the World: Taking Care of Spaces and People" will highlight the research conducted and the national and international relevance that the activity is assuming. This will be achieved not only through readings and contributions from professionals and internationally renowned scholars but also by fostering dialogue and debate. The event is promoted by the Department of Experimental Medicine of Sapienza University and HCI, Health City Institute. It is under the patronage of ISTAT, ISS, AMREF, CENSIS, ANCI, and the National Committee for Biosafety, Biotechnology, and Life Sciences (CNBBSV). The UNESCO Chair at the University of Brescia participated in the roundtable discussion on health, urbanization, and migration. (Link available at: <https://web.uniroma1.it/medeodonto/en/content/iconvegno-unesco-chair-urban-health-8-e-9-novembre-2023>)

Reimagining the Future Together. The Challenge of Education and Higher Education. First Conference of the Network of Italian UNESCO Chairs. (March 24, 2023 Florence)

On March 24, 2023, the First Conference of the Network of Italian UNESCO Chairs (ReCUI) took place at the Aula Magna of the University of Florence. At the opening session, Franco Bernabè, President of the Italian National Commission for UNESCO, addressed the audience, Reporting year 2023 9 referring to the event as foundational. By establishing a true network, it represents a step forward from the previous coordination system, particularly building on the experiences gained through collaborations initiated among the Chairs under the project "Dialogues with UNESCO Chairs." Following Bernabè's remarks, Stefania Giannini, Vice Director General of UNESCO for the Education Sector, expressed her gratitude to the event organizers and highlighted Italy's position as the fourth country in the world with 44 Chairs. Giannini also emphasized UNESCO's core themes, including Ecological Transition, Digital Transition, Climate Change, and Africa as a priority, to be addressed through North-South and South-South cooperation, preferably in a transdisciplinary manner. The UNESCO Chair at the University of Brescia participated in the conference and presented on the topic of Migration and Access to Tertiary Education. (Link available at: <https://www.unesco.it/it/news/primo-convegno-della-rete-delle-cattedre-unesco-italiane-recui/>)

A New Social Contract For Education: Perspectives Reflections Issues. ReCUI. University Sapienza, January 18, 2023 Rome)

To address the complex current scenarios, UNESCO's strategy reintroduces and reinterprets the concept of the 'social contract' as a tool to confront the challenges that education must face today and in the future. From the perspective of the 'social contract,' education should be understood as a common good that progressively asserts itself in widespread practices and consolidates in institutions. This meeting is designed to begin reflecting and engaging in dialogue on how to outline a critical approach to education to address the ongoing socio-ecological crisis by attempting to counter environmental degradation and rebalance society. The event involves a discussion between Italian UNESCO Chairs and the Director of the Future of Learning and Innovation Sector at UNESCO, Sobhi Tawil, on the theme of the New Social Contract for Education. The Chairholder of UNIBS, Professor Francesco Castelli, introduced the conference with a lecture on the educational challenge in Africa.

First Regional meeting UNESCO Chairs & Centers for South East Europe and the Mediterranean", UNESCO Regional Bureau for Science and Culture in Europe, Venice, Italy, 26-28 October 2022

The meeting sought to bring their in-depth expertise and knowledge to confront the most pressing science-related and environmental issues for the region. It brought together chair holders and centre directors from 9 different countries to strengthen the UNESCO science networks in the region. During the meeting, participants had the occasion to discuss with other experts from their action area, to reflect on intersectorial and interdisciplinary approaches for Chairs and Centres, and to discuss together how to tackle challenges at a national, regional, and international level. All the recommendations of the Science-related UNESCO Chairs and Centres of South-East Europe and the Mediterranean were summarized in a Declaration at the end of the meeting. (Link available: [First Regional Meeting of Science-related UNESCO Centres and Chairs for South-East Europe and the Mediterranean | UNESCO](#))

Research Matching Events - UNITA - Universitas Montium, Turin, Italy, (25-28 October 2022)

The Research Matching Events, organized by the University of Turin in collaboration with the European University Alliance UNITA - Universitas Montium, were held from October 25th to 28th, 2022. During the fourday event, four main themes were discussed: migrations with a focus on European citizenship and health, aging population, artificial intelligence, and green technologies. Over 140 researchers from the 10 Alliance universities participated in the events. The event format was based on "research speed dating," with short meetings between researchers to create new relationships and share ideas and perspectives. The objective of the meetings was to create new collaboration networks and lasting international relationships to amplify the impact of work within the Alliance. The UNESCO Chair of the University of Brescia actively participated in the meeting on "Migration: European



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	citizenship and health," on 25th of October, in which Chairholder Prof. Francesco Castelli gave a keynote speech on the topic. (Link available: - UNITA (univunita.eu))
<p>A selection of conference presentations by the Chairholder <i>(Note: only presentations relevant to the chair's mission are reported)</i></p>	Please, see the Annex 1 attached to this report

c. Interuniversity Exchanges/Partnerships <i>(principal exchanges/partnerships between the Chair and other institutions including UNESCO Chairs/UNITWIN Networks)</i>	
Inter-institutional agreement between the University of Brescia and SAVE University, Mozambique	<p>A cooperation agreement between the University of Brescia and Save University (Mozambique) was signed at the Rectorate in Chongoene, Xai-Xai in June 2022. The agreement will reinforce, in academic, teaching and research terms, the historical ties existing between the UNESCO Chair of University of Brescia and Mozambique, whose university student population is growing rapidly.</p> <p>The UNESCO Chair of the University of Brescia is promoting the project "A student for his community" together with the MUSEKE Foundation and the NGO MEDICUS MUNDI ITALIA. The aim of the project is to train university students enrolled in health courses at the FACSAD faculty (UNISAVE), in the province of Inhambane, Mozambique, and postgraduate students in Infectious and Tropical Diseases at UNIBS in the community health approach and in the knowledge of the influence of health determinants on the health status of their own territory, through an integrated and multidisciplinary approach.</p> <p>The Mozambican health professions students undertake an internship period in rural communities, where they will be able to carry out health promotion and awareness-raising activities, as well as prevention and screening of the main determinants of health. The students will be progressively sensitized to the health issues and social risk factors of the rural communities involved, while rural families will benefit from ongoing public health monitoring and health training for them.</p>
Collaboration with Kwame N’Krumah University of Science and Technology (KNUST, Kumasi, Ghana) and HopeXChange Medical Centre (HXMC)	<p>On 26th October 2017 the University of Brescia (UNIBS) and Kwame N’Krumah University of Science and Technology (KNUST) signed an MoU for developing and enhancing health research activities on Tropical Diseases, and more generally, on Health. The UNESCO Chair and the Department of Tropical and Infectious Diseases of the University of Brescia started operating in Kumasi in May 2016. In line with this initial MoU, all along 2018 and 2019, a research project about “Malaria and Gender” has been conducted by a UniBS PhD student.</p> <p>The implementation of the study has been accompanied by multiple visits by the senior academic staff of UniBS – UNESCO Chair, who also has provided formal and informal training activities to local staff and students. The study results have been already presented at the annual meeting of the Italian</p>

	<p>UNESCO Chairs (Quaresima V. et al. <i>Is Plasmodium falciparum</i> malaria incidence and severity in holo-endemic areas affected by gender? Good Health, Quality Education, Sustainable Communities, Human Rights, Florence University Press, 2019, pag. 57-68) and published in an international peer-reviewed Journal (Tropical Medicine and Infectious Diseases).</p> <p>In May 2022, the Chairholder and two members of the UNESCO Chair visited the HopeXChange Medical Centre (HXMC) in Kumasi, Ghana, to establish and foster relationships with local medical and management staff. During the visit, plans for future collaborations in education and research support were discussed, laying the groundwork for ongoing engagement. While specific activities have yet to be developed, the commitment to maintaining these connections for future initiatives remains steadfast.</p>
<p>Inter-institutional agreement 2020-2023 between the University of Brescia and Kwame Nkrumah University of Science and Technology</p>	<p>The University of Brescia, Italy and Kwame Nkrumah University of Science and Technology, Ghana, agree to cooperate for the exchange of students and staff in the context of the Erasmus+ programme.</p> <p>In May 2022, the Chairholder and two members of the UNESCO Chair visited KNUST University, Kumasi, Ghana, in order to forge relations with the International Programme Office to organize the international exchange of students and teaching staff.</p> <p>The meeting was fruitful and thematic areas of interest were defined. Four KNUST PhD and Master's students have arrived to undertake their 6-months international exchange period at the University of Brescia from December 2022. One PhD student from UNIBS went for her international exchange at KNUST in April 2023. An international teaching exchange by academic faculty from both UNIBS and KNUST also took place between May and July 2023, during which a teaching program was developed according to the expressed needs.</p>
<p>Makerere University, Kampala, Uganda</p>	<p>Each year, medical students from the University of Brescia participate on a voluntary basis in a one-month elective placement at Makerere University.</p> <p>In 2022 and 2023 the project stopped due to COVID19, while in 2024 and 2025, a total of thirty-four medical students, participated in this international exchange. This experiential learning opportunity exposes students to diverse health systems and epidemiological contexts, reinforcing competencies in global health, intercultural understanding, and ethical practice. It embodies UNESCO's principles of education for sustainable development and global citizenship.</p>



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UNITAfrica Project

The UNITAfrica Project, led by the University of Brescia, stands as a flagship initiative under the Chair’s coordination. This ambitious network brings together 21 Italian universities and 78 African higher education institutions with the goal of fostering joint education, research, and academic cooperation across continents. The project promotes equitable partnerships, mutual capacity strengthening, and collaborative innovation, directly contributing to UNESCO’s priorities in higher education internationalization, South–North cooperation, and knowledge sharing for sustainable development.

Through these strategic collaborations, the Chair has created a vibrant ecosystem of mutual research and teaching exchange between different academic institutions. These partnerships have contributed to reinforce capacity building of young professionals and academics in global health and related disciplines. Moreover, it contributed to the co-creation of knowledge through joint research and intercultural learning.

d. Publications/Multimedia Materials <i>(major publications and teaching/learning materials)</i>		
Tick relevant fields	Books (chapter)	12
	Peer-reviewed Scientific Article	88
Publications <i>(Only international peer-reviewed publications are listed)</i>	Please, see Annexes 2a and 2b for the list of peer-reviewed papers (Annex 2a) and books' chapters (Annex 2b) published in 2022-2025 by the Chairholder prof. Francesco Castelli and other staff of the Chair.	

e. Cooperation with UNESCO Headquarters, Field Offices	
<p>Dialoghi delle Cattedre UNESCO: laboratorio di idee per il mondo che verrà – Dialogues of UNESCO Chairs: a laboratory of ideas for a world to come</p>	<p>The UNESCO Chair is partner of “Dialoghi delle Cattedre UNESCO: laboratorio di idee per il mondo che verrà – Dialogues of UNESCO Chairs: a laboratory of ideas for a world to come”. The Italian UNESCO Chairs started a process aimed at operating as a collective body, interacting and proposing themselves as a “community of knowledge”, and have drawn up a Declaration for sustainability and socio-ecological transition. This Declaration is the result of a journey that began in the autumn of 2020 and that has seen the Italian UNESCO/United Nations Chairs develop an intense scientific dialogue through a series of webinars about environmental and social sustainability. The Declaration was launched at the Italian Ministry of Education on the 30th November 2021, together with the Italian Minister of Education, the Minister of Research and Stefania Giannini, UNESCO Deputy Director General for Education (Link available: Le Cattedre Unesco italiane incontrano i Ministeri dell’Istruzione e dell’Università e della Ricerca. Sul tavolo la sostenibilità e la transizione socio-ecologica - Le Cattedre Unesco italiane incontrano i Ministeri dell’Istruzione e dell’Università e della Ricerca. Sul tavolo la sostenibilità e la transizione socio-ecologica - Miur). Furthermore, the Declaration has been presented at the EXPO 2020 in Dubai, in January 2022 (Link available: International UNESCO Chairs Forum - Expo 2020 Dubai (uniud.it)).</p>
<p>Network of Italian UNESCO Chairs and UNITWIN (Rete delle Cattedre UNESCO e UNITWIN Italiane - ReCUI)</p>	<p>The Italian UNESCO Chairs have formulated and signed the Agreement of the Network of Italian UNESCO Chairs and UNITWIN (Rete delle Cattedre UNESCO e UNITWIN Italiane - ReCUI), an evolution of the project: "Dialogues of UNESCO Chairs: a laboratory of ideas for the world to come". The signatory UNESCO Chairs agree that, in order to achieve the stated objectives, it is necessary to define the perimeter of joint activities and to have a representative organization that allows the Chairs to interact with national and international institutions in a coordinated and joint manner, while fully respecting the autonomy of the Chairs. The Agreement aims to strengthen interdisciplinary dialogue between the Italian UNESCO Chairs and UNITWIN through the establishment of a permanent network of dialogue as a forum for listening, discussion, exchange of good practices, research and project development, which can contribute to the growth of the country and the lines of action indicated by the Organization. The Network constitutes a community capable of developing, disseminating, transferring, and adapting national and international best practices and of adequately representing the members of ReCUI at national and international levels, with particular attention to sustainability dimensions and the achievement of the Sustainable Development Goals. The UNESCO</p>



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	<p>Chair at the University of Brescia signed the agreement and became an active member of ReCUI on October 14, 2022.</p> <p>The ReCUI continued its activities in an organized and continuous manner, holding monthly plenary video conferences. Additionally, the UNIBS Chair is integrated into the Office of the Spokesperson, Professor Patrizio Bianchi, in order to maintain fruitful management and synergistic collaboration of the various activities. In order to be more efficient in its various activities, the ReCUI has divided into several working groups. UNIBS, in addition to the Office of the Spokesperson, is an active part of the working group on Migrations and has collaborated productively throughout 2023 with the Institutional Relations group.</p>
<p>ReCUI Work Group on “Migration “</p>	<p>Throughout 2023, the ReCUI group on migrations, of which UNIBS is a part, worked synergistically on a statement by Italian UNESCO Chairs on the theme of migration. The statement emerged as a result of a need for transdisciplinary discussion highlighted during the event organized and hosted at UNIBS, titled "Brescia: A Harbor for Worlds." Indeed, during 2023, the working group convened monthly to discuss various migration-related topics, such as access to education, access to health services, social integration, community, and citizenship. Group discussions were moderated by Raimondo Cagiano de Azevedo and Catherine Wihtol de Wenden.</p> <p>The outcome was a shared statement that can be seen as a roadmap intending to affirm the direction of ReCUI's actions. The statement was presented on the occasion of the International Migrants Day. In 2024, a survey was conducted in order to collect all the activities and proposals that various universities are doing on migration and what they have accomplished over the past five years.</p>
<p>ReCUI Work Group on “Empowering Higher Education in Africa: Italy and the UNESCO Chair Network”</p>	<p>A select group of UNESCO Chairs (UNIFI; POLIMI MN; UNIBS; UNIFE; UNIBO) worked throughout 2023 on the research and publication of the book "Empowering Higher Education in Africa: Italy and the UNESCO Chair Network," published by Pacini Editore. (E-Book available at: https://www.pacineditore.it/prodotto/empowering-higher-education-africa/)</p> <p>This publication is situated within a context of increasing awareness regarding the challenges and opportunities associated with higher education in Africa, a continent rich in potential yet still marked by significant disparities in access and quality of education. As underscored by UNESCO, education and research play pivotal roles in the equitable and sustainable development of the continent, particularly given its youthful population.</p> <p>In alignment with UNESCO's Medium-Term Strategy 2022-2029, which prioritizes actions in Africa, educational initiatives like</p>

	<p>Campus Africa strive to strengthen higher education through collaboration and support for African institutions and communities. UNESCO Chairs and UNITWIN Networks, operating across various thematic areas, serve as important platforms for addressing critical challenges such as sustainable development, human rights, and the promotion of a culture of peace. This work aims to contribute to this vision by documenting initiatives of Italian UNESCO Chairs in Africa, with the goal of fostering cooperation and implementing multilateral strategies. The authors initially mapped African UNESCO Chairs and analyzed the university educational offerings in each African country, including doctoral programs, to enhance understanding of potentials and challenges. Subsequently, they mapped Italian UNESCO Chairs with programs, interventions, and activities in Africa, analyzing the nature of these actions for each country, providing an overview of investment directions, and highlighting the importance of North-South and South-South synergies.</p> <p>This volume does not aim to be a scholarly treatise but rather seeks to serve as a concise and accessible orientation tool to support those engaged in education and sustainable development efforts in Africa. Grounded in the belief that progress towards addressing the significant global challenges faced by current and future generations can only be achieved through collaboration, knowledge and skill sharing, and active support for research, innovation, education, and scientific diplomacy.</p> <p>The publication received full support from the Italian National Commission for UNESCO, which presented the work during the meeting of National Commissions at the UNESCO Executive Board. The publication holds particular significance within the framework of the "Africa global priority" within the Organization's medium-term strategy. In 2024 and early 2025, institutional presentations of the publication took place. On the 23th January 2023 in Rome the event "EMPOWERING HIGHER EDUCATION IN AFRICA: Italy and the UNESCO Chair Network took place, where the publication was presented.</p>
<p>First Regional meeting UNESCO Chairs & Centers for South East Europe and the Mediterranean", UNESCO Regional Bureau for Science and Culture in Europe, Venice, Italy, 26-28 October 2022</p>	<p>The meeting sought to bring their in-depth expertise and knowledge to confront the most pressing sciencelated and environmental issues for the region. It brought together chair holders and centre directors from 9 different countries to strengthen the UNESCO science networks in the region. During the meeting, participants had the occasion to discuss with other experts from their action area, to reflect on intersectoral and interdisciplinary approaches for Chairs and Centres, and to discuss together how to tackle challenges at a national, regional, and international level. All the recommendations of the Science-</p>



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related UNESCO Chairs and Centres of SouthEast Europe and the Mediterranean were summarized in a Declaration at the end of the meeting. (Link available: [First Regional Meeting of Science-related UNESCO Centres and Chairs for South-East Europe and the Mediterranean | UNESCO](#))

f. Other (any other activities to report)

- **Collaboration with the WHO CC, University of Brescia**
The Brescia UNESCO Chair actively interacted with the WHO Collaborating Centre (WHO-CC) on “TB/HIV joint activities and TB elimination strategy” (headed by Prof. Alberto Matteelli) which is hosted by the same Department at the University of Brescia.
- **The Fast-Track Cities initiative**
The Fast-Track Cities initiative was launched in 2014 and is a partnership between over 400 cities and municipalities around the world and four main partners, which include the International Association of Providers of AIDS Care (IAPAC), the Joint United Nations Programme on HIV/AIDS (UNAIDS), the United Nations Human Settlements Programme (UN-Habitat), and the city of Paris. To become a Fast-Track City, mayors or designated officials sign the Paris Declaration, which outlines a series of commitments to effectively combat the HIV, HBV, and HCV epidemics, as well as tuberculosis. In 2020, Brescia also joined the Fast-Track Cities network, with Mayor Emilio del Bono signing the treaty along with Bertrand Audoin, Vice President of the International Association of Providers of AIDS Care (IAPAC), and Francesco Castelli, Director of the Department of Infectious and Tropical Diseases at the University of Brescia - Spedali Civili and Chairholder of the UNESCO Chair at the University of Brescia.
In December 2021, 2022, 2023, 2024 and 2025 as well as during the "European Testing Week" in May 2022, the Municipality of Brescia, in collaboration with the Infectious Diseases Department of the Spedali Civili di Brescia, organized an event to promote HIV and HCV screening for the community. Healthcare staff, along with representatives of local organizations (NGOs), provided information on infection prevention and offered free, anonymous rapid testing for HIV and HCV on a mobile unit. The initiative proved highly popular, with over 500 people participating in rapid testing and seeking information from healthcare personnel. The screening proposal attracted people from different age groups and vulnerable populations, including sex workers and victims of trafficking. (Link available: [Brescia per le Fast-Track Cities | UNIBS](#); [Fast-track City | Comune di brescia](#)) During the activity, the UNESCO Chair at UNIBS conducted a research project with a community survey on the knowledge of the population regarding HIV and HCV. (Viola, F.; Formenti, B.; Arsuffi, S.; Polesini, I.; Focà, E.; Castelli, F.; Quiros-Roldan, E. Knowledge and Attitudes towards HIV and HCV among the Population Attending the Fast-Track Cities Mobile Unit in Brescia, Italy. Int. J. Environ. Res. Public Health 2023, <https://doi.org/10.3390/ijerph20196878>)
- **Collaboration with the Italian NGO Medicus Mundi Italy**
Since 2014, the UNESCO Chair has been collaborating with the Italian NGO Medicus Mundi Italy, both at the local level through activities aimed at disseminating and promoting healthcare cooperation projects and providing information on global health issues, and at the international level, particularly in rural Mozambique, through capacity building projects and operational research in the field of infectious diseases.



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- **Collaboration with the Fondazione Museke Onlus**

Professor Francesco Castelli, the holder of the Chair at the University of Brescia, has been serving as a General Advisor on the Board of the MUSEKE Foundation ONLUS since 2009. The Chair is collaborating with the MUSEKE Foundation in raising awareness, promoting, and educating on Cooperation approaches, both at the local and international level. Of particular mention is the recent project "A Student for his Community", which is taking place in Mozambique in collaboration with MUSEKE, Medicus Mundi Italia, and the local University SAVE. The project aims to train health students in the principles of rural community health.

1. Future Plans and Development Prospects

(Outline of actions plan for the next biennium and short/medium and long-term development prospects. Please do not hesitate to refer to difficulties that the Chair has experienced - not exceeding 300 words)

The detailed proposed plan of action of the UNESCO Chair “Training and empowering human resources for health development in resource-limited countries” for 2026-2030, as for Article 2 of the Chair Agreement

a) Objectives and proposed activities

To provide training on global health, environment and poverty-related obstacles to wellbeing at all levels to students, health professionals and representatives of relevant stakeholders

- To run the yearly Core Course of the TropEd European Master of International Health, addressed to health operators of Italian and non- Italian NGOs ;
- To run periodic courses on migration health, in collaboration with relevant national and international stakeholders and scientific societies. The Courses will be addressed to students in health sciences and to health personnel involved in care to migrants in Europe ;
- To collaborate with “G. Tovini” Foundation in organizing the Summer School on “International Cooperation for Development” on a biannual basis ;
- To collaborate with Medicus Mundi Italy in the organization of the yearly Course on Tropical Medicine and Global Health
- To organize yearly the Summer School on “Appropriate technologies for Environment, with focus on WASH, in low income countries” ;
- To organize yearly the international conference on “Appropriate technologies for sustainability in the global perspective of international development cooperation” ;
- To promote international seminars on Environment & WASH, including Health related issues, addressed to PhD students enrolled in the PhD Programme “Appropriate methodologies and techniques in international development cooperation” ;

	<p>- To promote technical training on Environment & WASH issues in international cooperation projects in collaboration with NGOs, addressed to local professors, technicians and other stakeholders</p>
<p>To develop and expand collaborations in the field of global health, environment and poverty-related obstacles to wellbeing with higher education institutions from resource-limited countries</p>	<p>The following collaboration activities are ongoing and growing in scale and perspective:</p> <p>Kwame N’Krumah University of Science and Technology (KNUST) (Kumasi, Ghana)</p> <p>A solid partnership has been established between the Chair at UNIBS and KNUST, leading to exchange of students and teachers in the frame of the ERASMUS project. This partnership is expected to expand leading to the permanent rotation presence medical residents in infectious diseases in Kumasi for mutual teaching and research activities (also in collaboration with the HopeXchange Medical Center). Moreover, future efforts will be addressed to identify possible interconnections in the educational programs in the environmental engineering and WASH sector.</p> <p>SAVE University (Chai Chai, Mozambique)</p> <p>The partnership Between SAVE and the Chair at UNIBS has been evolving during time, with joint research projects and teaching/seminars. The link will expand in the future with the support by the Chair to the new teaching projects at SAVE, in particular the Bachelor and Master Degrees in Public Health, to be launched in 2026 with the technical support of the Chair.</p> <p>Makerere University, Kampala (Uganda)</p> <p>The University of Brescia will continue offering medical students a 1-month summer elective at Makerere University on a voluntary basis, supporting the administrative costs of tutoring and the Chair assures the technical recognition of the credits earned.</p>

Université Cheikh Anta Diop de Dakar (UCAD, Senegal)

The partnership between UNIBS and UCAD is long-standing. It has seen exchanges of students, doctoral students, and professors for training and research projects on the environment and WASH. The activity will continue offering to Master and PhD students to change to joint mobility programs for thesis abroad and research.

Ruaha Catholic University (RUCU, Tanzania)

The partnership Between UNIBS and RUCU has been evolving during time, with joint research projects and teaching/seminars. In the next future the efforts will be addressed to strengthen synergies and teaching/research collaborations in the field of nursing & midwifery and in environmental health.

Migration and Displacement Action Plan for Sub-Saharan Africa (MAPS) (Developing Policy-Oriented Research on Migration and Displacement in the Sub-Saharan Region)

Coordinated by the UNESCO Chair in Population, Migration and Development at Sapienza University of Rome together with other 5 Italian UNESCO Chairs (including Brescia) and European (Barcelona) and African (Tanzania, Uganda, Kenya) partners, the project aims to understand the migration landscape in Sub-Saharan Africa, with particular attention to the effects of environmental, socio-economic, and political crises affecting the region. MAPS is a research project co-financed by the European Union (DG-INTPA) designed to inform and support local governments' responses to the challenges posed by migration.

40 young Africa researchers (tutored by senior staff at the UNESCO Chairs) will receive fellowships to investigate different aspect of migrations related to the 2030 Agenda (Population-People),

	<p>(Environment-Planet), (Economic and Social Sustainability-Prosperity), (Human Rights (Peace))</p> <p>UNITAfrica Network</p> <p>The University of Brescia is the leading institution of a large network of Universities (21 in Italy and 78 in Africa), funded by the Italian Ministry of University and Research and aiming at promoting didactic activities and students, teaching, administrative staff mobility. The ministerial funding will expire in 2026, but the network is aiming at finding alternative source of funds to continue its activities, very appreciated by our African partners. The PIT (Platform for innovative teaching), activated in the project as a tool for virtual teaching among the partners, will be kept in operation even after the project.</p> <p>Additional students and teaching staff mobilities with KNUST, UCAD and RUCU will be promoted until early 2027 Under the Erasmus ICM program in the field of Medical Science and Engineering.</p>
<p>To promote, jointly with partners, operational research on poverty-related and neglected diseases, both communicable and non-communicable, promoting appropriate technologies and solutions for environment & WASH, both in highly endemic countries and in Europe</p>	<p>The following research streams are actively pursued at the Chair:</p> <ul style="list-style-type: none"> • <u>Communicable Diseases</u> <ul style="list-style-type: none"> • Antiretroviral and anti- tubercular therapy in remote communities in rural Africa • HIV mother to child transmission preventive measures in rural Africa • Etiology of fevers in rural Africa • <u>Poverty-related diseases</u> <ul style="list-style-type: none"> • Social determinants of health in rural Africa (Community health) • <u>Migrants' Health</u> <ul style="list-style-type: none"> • Health profile of migrants in Europe

	<ul style="list-style-type: none"> • Access to care of migrants in Italy • <u>Water, Sanitation and Hygiene (WASH)</u> <ul style="list-style-type: none"> ➔ Safe access to drinking water in rural and peri urban areas in Africa, Asia and Latin America ➔ Safe and sustainable sanitation solutions ➔ Appropriate technologies for WASH, including solid waste management ➔ Strategies and solutions for climate resilient WASH systems <p>Strategies and solutions for WASH systems in emergency</p>
<p>To foster networking, capacity development and the sharing of knowledge and of good practices in the fields of focus, notably through the organization of meetings and workshops</p>	<ul style="list-style-type: none"> - The Chair will organize the Conference of the Italian Society of Migration Medicine (SIMM) on 20-23rd May 2026 in Brescia; - The Chairholder has included in his teaching at the University of Brescia specific session on tropical and poverty-related diseases, addressed to medical students and residents in infectious diseases; - The Chairholder, also in his capacity of Rector of the University of Brescia, will promote the possible continuity of the UNITAFRICA project at the ministerial level; - The Chair has already contributed a well-attended seminar in the context of the MAPS project and will continue to do so; - The Chairholder is a prominent authority in the field of tropical medicine and migration health in Italy, often invited to national and international conferences on poverty-related diseases and tropical medicine; - An international conference is yearly organized in December on “Appropriate technologies for sustainability in the global perspective of international development cooperation”;



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Chair



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	<ul style="list-style-type: none"> - On line meeting and webinars will be promoted under the UNITAFRICA Alliance, even after the project.
<p>To cooperate closely with UNESCO on relevant programmes and activities</p>	<ul style="list-style-type: none"> - As previously outlined, the Chair is an active member of ReCUI (Rete delle Cattedre UNESCO italiane), thus contributing to all its activities; - The Chairholder and co-chair will continue to support the UNESCO Schools educational project.

1. Human resources during the reporting period

The activities planned in this proposal will be implemented according to a financial plan to cover expenses and to assure self-sustainability. The human resources of the Chair will devote their time free of charge to the activities of the Chair itself:

- Prof. **Francesco Castelli**, professor of infectious diseases, Chairholder, Rector of the University of Brescia
- Prof. **Sabrina Sorlini**, professor of sanitary engineering, University of Brescia, proposed Co-Chair
- Prof. **Roberto Ranzi**, professor of hydraulics and Vice Rector for International Affairs, University of Brescia
- Prof. **Alberto Matteelli**, professor of infectious diseases and Director, WHO collaborating Centre on “TB/HIV joint activities and TB elimination strategies”, University of Brescia
- Prof. **Eugenia Quiros Roldan**, associate professor of infectious diseases, University of Brescia
- Prof. **Emanuele Focà**, associate professor of infectious diseases, University of Brescia
- Dr **Lina R. Tomasoni**, MD unit for tropical diseases, ASST Spedali Civili General Hospital, Brescia
- Dr **Silvia Odolini**, MD unit for tropical diseases, ASST Spedali Civili General Hospital, Brescia
- Dr **Benedetta Rossi**, MD unit for tropical diseases, ASST Spedali Civili General Hospital, Brescia
- Ms. **Cecilia Romano**, administrative Secretary, University of Brescia
- Ms **Claudia Binetti**, administrative Secretary, University of Brescia

The following health professionals are external resources contributing to the aims of the Chair:

- Dr **Beatrice Formenti**, former scholarship holder of the Chair
- Dr **Susanna Capone**, MD unit of infectious diseases, Spedali Civili general hospital, Brescia
- Dr **Silvio Caligaris**, MD, Vice President, Medicus Mundi Italia

2. Financial Resources during the reporting period

- HOST INSTITUTION**

Although the University of Brescia could not provide direct financial support to the Chair, it has always made freely available physical resources to allocate those workshops and seminars listed in this Report. Furthermore, the my person/months has also been provided by the University of Brescia as well as for the Chair staff

- NON GOVERNMENTAL ORGANIZATIONS**

The Chair at the University of Brescia has intensively interacted with the following NGOs: Medicus Mundi Italy, G. Tovini Foundation and Museke Foundation, all of them headquartered in Brescia. Those NGOs have provided direct financial support to the collaborative projects carried out jointly with the Chair

- OTHER PRIVATE**

The following private Actors have directly provided donations to the Chair during the reporting period (2022-25):

As at December 2021 the positive balance of the Chair was € 68.037,22

Donor	Date (year)	Amount donated
<i>Fondazione della Comunità Bresciana</i>	<i>2023</i>	<i>€ 43,800.00</i>
<i>Fondazione della Comunità Bresciana</i>	<i>2024</i>	<i>€ 7,300.00</i>
<i>IRCCS Ospedale Sacro Cuore Don Calabria - Negrar</i>	<i>2025</i>	<i>€ 50,000.00</i>
TOTAL INCOME		€ 101,100.00

During the reporting period the following expenses have been done:

Cause of the expense	Date (year)	Amount spent
<i>Scholarship</i>	<i>2022</i>	<i>€ 30,000.00</i>
<i>Missions</i>	<i>2022</i>	<i>€ 3,930.44</i>
<i>Laboratory equipment</i>	<i>2022</i>	<i>€ 999.18</i>
<i>Scholarship</i>	<i>2023</i>	<i>€ 26,318.00</i>
<i>Missions</i>	<i>2023</i>	<i>€ 208.88</i>
<i>Scholarship</i>	<i>2024</i>	<i>€ 4,000.00</i>
<i>Missions</i>	<i>2024</i>	<i>€ 103.80</i>
<i>Missions</i>	<i>2025</i>	<i>€ 310.60</i>
TOTAL OUTPUT		€ 65,870.90

As at November 2025 the positive balance of the Chair is € 103.266,32

Annex 1: List conference presentations held by the Chairholder

Lecturer	Title (in the language the lecture has been delivered)	Congress/Conference	Venue, date
Castelli F.	Le grandi pandemie della storia: dalla peste antonina al COVID-19 (The Great Pandemics in History: From the Antonine Plague to COVID-19)	Prima, durante e dopo il Covid: tra infezione e infiammazione (Before, during, and after Covid: between infection and inflammation)	Brescia, 11 February 2022
Castelli F.	Rifugiati e salute. Al di là dei luoghi comuni” (Refugees and Health: Beyond Commonplaces)	Evento finale progetto START 2.0 (Final meeting START 2.0)	Brescia, 16 March 2022
Castelli F.	Il vaccino RTS,S/AS01 contro la malaria (Vaccine RTS,S/AS01 against malaria)	XI Congresso Nazionale della Società Italiana di Medicina Tropicale e Salute Globale (XI National Congress of the Italian Society of Tropical Medicine and Global Health)	Firenze, 7-8 April 2022
Castelli F.	Perché le persone migrano? I determinanti delle migrazioni (Why do people migrate? Drivers of migration)	Diritto di (non) emigrare (The right to (not) emigrate)	13 April 2022
Castelli F.	Dalla eradicazione della poliomielite alle malattie infettive già conosciute ed emergenti (From Polio Eradication to Known and Emerging Infectious Diseases)	UnivaxDay 2022	Brescia, 29th April 2022
Castelli F.	Infectious diseases and ageing population in the new millennium	Geriatric HIV conference	Brescia, 9 May 2022
Castelli F.	Vaccinazione anti-Covid-19 nei Paesi in via di sviluppo (Covid-19 vaccines in LMICs) “	Un vaccino per tutti” Saúde para Todos! (A vaccine for everyone – health for all)	Brescia, 12 May 2022
Castelli F.	New Frontiers in HIV Therapeutics	6 th National Conference of the Italian Society for Virology	Naples, 3-5 June 2022
Castelli F.	Visiting Friends and Relatives (VFRs): the needs to be addressed	8 th North European Conference on Travel Medicine	Rotterdam, 9 June 2022 (online)
Castelli F.	One Health e Infezioni: un panorama in evoluzione (One	FESTIVAL DELLA SALUTE L’approccio “One Health”	Pavia, 24 June 2022 (online)

	Health and infections, an evolving panorama)	per un benessere a 360°(Health Festival – the One Health approach for a complete health)	
Castelli F.	Medicina ed elementi di salute globale (Medicine and fundamentals of global health)	Corso di “Formazione alla cooperazione internazionale” V edizione, Tovini (International Cooperation)	Brescia, 5 - 9 September 2022
Castelli F.	Contemporary migration to Europe: determinants and health needs	ESCMID Postgraduate Education Course Migration and Health: a world on the move	Montisola (Brescia), 26-30 September 2022
Castelli F.	Migration and Health. A world on the move	. Meeting of the European University Alliance UNITA	25th October 2022
Castelli F.	Training and empowering human resources for health development in resource-limited countries	Epilepsy and the WHO Intersectoral Global Action Plan Focus on sub-Saharan Africa	Milan, 8th November 2022 (online)
Castelli F.	L'epidemiologia infettivologica nell'era della globalizzazione (Infectious Epidemiology in the Era of Globalization)	Donazione senza frontiere: medio oriente e asia (Donation without frontiers: Middle East and Asia)	Brescia, 26 November 2022
Castelli F.	Ostacoli nel raggiungimento degli obiettivi di salute a livello globale (Barriers to Achieving Global Health Goals)	Emerging issues in infectious diseases	Bari, 29 November 2022
Castelli F.	Antimicrobial resistance and migration	Annual EPI-Net project meeting “Initiatives, dissemination and sustainability”	Verona, 1st - 2nd December, 2022
Castelli F.	Imparare la lezione: Salute Globale, Salute per Tutti (Learning the Lesson: Global Health, Health for All)	Medicus Mundi, None Out, AICS	Brescia, 12th October 2022
Castelli F.	Antibiotics resistance and infection control. Sepsis and the septicemia process. COVID-19 related therapeutics and vaccines	HopeXChange Medical Center – continuing medical education	Kumasi, Ghana, 2 May 2022
Castelli F.	“A New Social Contract for Education: why do we need it?”	A New Social Contract for Education, ReCUI	Rome, January 18, 2023
Castelli F.	“Migration as a determinant of health”	Brescia Porto di Mondi	Brescia, February 23, 2023

Castelli F.	"Close to the last" Medicine and Society,	• Ordine dei Medici di Brescia	Brescia, March 25, 2023
Castelli F.	Environmental changes and ecosystems impairment: a global health perspective	Exposome	Brescia, April 30, 2023
Castelli F.	A world on the move: Migration Health	9° Congress of Travel Medicine and Migration	May 11-12, 2023
Castelli F.	La Cattedra UNESCO dell'Università degli Studi di Brescia	La Scuola: chiave del futuro, seme di pace.	Lanciano, May 18, 2023
Castelli F.	Migration as a Social Determinants of Health in time of COVID-19"	CISTM18	Basel, May 23, 2023
Castelli F.	Global Health and its determinants. The role of culture	Culturiamoci event	Brescia, June 30, 2023
Castelli F.	Antimicrobial Resistance: Overview in the World		Mantova, October 6, 2023
Castelli F.	Inequity in Health" Poverty and Health,	Ordine dei Medici di Brescia	Brescia, October 21, 2023
Castelli F.	The right to health (... also in Africa?) What new cooperation?"	Istituto Lombardo di Arte, Scienze e Lettere	Milan, November 23, 2023
Castelli F.	The roadmap of anti-malaria vaccine	25° SIMVIM Congress	Bologna, November 11, 2023
Castelli F.	The impact of colonial medicine in the infectious disease field	XXII SIMIT National Congress	Florence, December 4, 2023
Castelli F.	Anti-Malaria vaccine	Corso Di Formazione E Aggiornamento Professionale Ex Lege 135/1990	Torino, 1 Dicembre 2023
Castelli. F	Chi ha dato la Pinta alla Santa Maria?	Italian National Day for Universities ("Le Università svelate")	Brescia, 20 th March 2024
Castelli. F	Scienza e fede. Il mito di Prometeo	Scienza e fede	Brescia, 19 th April 2024
Castelli. F	The role of universities in responding to emerging societal challenges in Europe (panellist)	Times Higher Education Summit	Bremen (D), 24 th April 2024
Castelli. F	Malaria. Focus sui vaccini e sulle terapie	8th Edition Infectivology Today	Paestum, 5 th May 2024

Castelli. F	La Méditerranée. Porte de l'espoir vers l'Europe	Congrès de la Société Francophone de Médecine Tropicale et Santé Internationale	Saint Raphael (France), 18 th May 2024
Castelli. F	Il professionista sanitario del futuro in ottica «One Health»	La progettazione dei corsi di studio. Partiamo dai bisogni del territorio	Brescia, 7 th June 2024
Castelli. F	Health literacy and communication with migrants' populations. The case of Covid-19	The COMET international Conference	Brescia, 26 th June 2024
Castelli. F	Global Health	Summer School on International Cooperation	Brescia, 10 th September 2024
Castelli F.	Mother and child health in Developing Countries	ESCMID Postgraduate Education Course in «Infectious Diseases in Pregnant Women, Fetuses and Newborns»	Bertinoro, 23 th September 2024
Castelli F.	Le sfide della cooperazione	Meeting on International Cooperation for development	Brescia, 11 th October 2024
Castelli F.	Migration and health. A world on the move	Sacco Hospital refreshment course on migration	Milan, 11 th November 2024
Castelli F.	La comunità medico-scientifica al servizio della collettività (e della pace...)	Ambulatorio delle Arti	Brescia, 20 th November 2024
Castelli F.	Vecchie e nuove malattie infettive. Una vera emergenza?	Forum Risk management in Sanità	Arezzo, 26 th November 2024
Castelli F.	Clinical management of severe malaria in adults	X National Conference of the Italian Society of Tropical Medicine and Global Health	Rome, 4 th December 2024
Castelli F.	Travel-related infections among VFRs	FESTMIH webinars	Online, 19 th February 2025



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Castelli F.	I determinanti delle migrazioni (Le migrazioni come determinante di salute)	La medicina della persona anziana nelle migrazioni	Cremona, 21th March, 2025
Castelli F.	Management of non-malaria fever episodes in Inhambane Province, Mozambique	Italian Conference on AIDS and Retroviruses (ICAR)	Padova, 23rd May, 2025
Castelli F.	Appropriate technologies & digital solutions to create resilient communities to face environmental and health challenges	UNITAfrica kick-off meeting	Dakar, 30th June 2025
Castelli F.	La Salute Globale. No one left behind. Lo stato di avanzamento dell'obiettivo 3 in vista del 2030	Scuola estiva UNESCO. La pratica filosofica per lo sviluppo sostenibile. <i>One Health, per un approccio integrato a salute e benessere</i>	Online, 15th July 2025
Castelli F.	Drivers of migration. Why do people move?	The MAPS project seminars	Online, 10th October, 2025
Castelli F.	Oltre i confini: La salute globale in un mondo diseguale	Festival della Pace 2025	Brescia, 14th November 2025

Annex 2a – International peer-reviewed publications authored by the Chairholder in the period 2022-25

Year	#	Authors, title, journal	I.F.
2022	1	Gardini G., Gregori N., Matteelli A., Castelli F. Mycobacterial skin infection <i>Current Opinion in Infectious Diseases</i> , 2022 Jan 19. doi: 10.1097/QCO.0000000000000820. Online ahead of print	4,915
2022	2	Fumarola B., Calza S., Renzetti S., El Hamad I., Pezzoli M.C., Izzo I., Degli Antoni M., Chiesa A., De Francesco M., Quiros-Roldan E., Caruso A., Castelli F., Focà E. Immunological Evolution of a Cohort of HIV-2 Infected Patients: Peculiarities of an Underestimated Infection. <i>Mediterr J Hematol Infect Dis</i> . 2022 Mar 1;14(1):e2022016. doi: 10.4084/mjhid.2022.016. eCollection 2022	2,576
2022	3	Botta A., Comelli A, Vellere I, Chechi F., Bianchi L., Gardini G., Tomasoni L., Spinicci M., Galli L., Castelli F., Bartoloni A., Zammarchi L. Artesunate monotherapy versus artesunate and quinine combination therapy for parenteral treatment of severe imported malaria: a TropNet retrospective comparative study <i>Infection</i> , 2022 https://doi.org/10.1007/s15010-022-01771-5	3,553
2022	4	Tiecco G., Storti S., Degli Antoni M., Focà E., Castelli F., Quiros-Roldan E. Omicron genetic and clinical peculiarities that may overturn SARS-CoV-2 pandemic: a literature review <i>International Journal of Molecular Sciences</i> , 2022 Feb 11;23(4):1987. doi: 10.3390/ijms23041987.	4,556
2022	5	Focà E., Fornari C., Arsuffi S., Vetrano M.C., Calza S., Renzetti S., Copeta S., Berruti A., Castelli F., Compostella S., Quiros-Roldan E. Psychological and emotional impact of COVID-19 pandemic on people living with chronic disease: HIV and cancer <i>AIDS and Behavior</i> , https://doi.org/10.1007/s10461-022-03638-0 , published online 6 March 2022	3,063
2022	6	Formenti B., Gregori N., Crosato V., Marchese V., Tomasoni L.R., Castelli F. The impact of Covid-19 on communicable and non-communicable diseases in Africa: a narrative review <i>Infez Med</i> . 2022 Mar 1;30(1):30-40. doi: 10.53854/liim-3001-4. eCollection 2022. PMID: 35350264	1,08

2022	7	<p>Armocida B., Valente M., Formenti B., Barigazzi S., Ussai S., Monasta L., Castelli F., Missoni E.</p> <p>Vaccines Hesitancy in Africa: how COVID-19 pandemic may affect malaria vaccination campaigns</p> <p><i>Journal of Preventive Medicine and Hygiene</i>, 2022 Apr 26; 63(1): E1-E3. doi: 10.15167/2421-4248/jpmh2022.63.1.2420..</p>	2,023
2022	8	<p>Posen H.J., Wong W., Farrar D.S., Campigotto A., Chan T., Barker K.R., Hagmann S.H.F., Ryan E.T., LaRocque R.C., Earl A.M., Worby C.J., Castelli F., Fumadó Pérez V., Britton P.N., Libman M., Hamer D.H., Morris S.K.</p> <p>Travel associated extensively drug resistant typhoid fever: a case series to inform management in non-endemic regions</p> <p><i>Journal of Travel Medicine</i>, 2022 Jul 29; taac086. doi: 10.1093/jtm/taac086.</p>	39,194
2022	9	<p>Marchese V., Formenti B., Cocco N., Russo G., Testa J, Castelli F., Mazzetti M.</p> <p>Examining the pre-war health burden of Ukraine for prioritisation by European countries receiving Ukranian refugees</p> <p><i>The Lancet Regional Health – Europe</i> 2022; 00: 100369 https://doi.org/10.1016/j.lanepe.2022.100369</p>	Non ancor a assegnato.
2022	10	<p>Marchese V, Formenti B, Marchese L, Gregori N, Gardini G, Russo G, Bona F, Di Rosario G, Gulletta M, Tomasoni LR, Castelli F, Matteelli A.</p> <p>COVID-19 effect on TB presentation and outcome.</p> <p><i>Int J Tuberc Lung Dis.</i> 2022 Apr 1;26(4):375-377. doi: 10.5588/ijtld.22.0036</p>	2,4
2022	11	<p>Malagola M., Turra A., Signorini L., Corbellini S., Polverelli N., Masina L., Del Fabro G., Lorenzotti S, Fumarola B., Farina M., Morello E., Bernardi S., Re F., Caruso A., Castelli F., Russo D.</p> <p>Results of an innovative program for surveillance, prophylaxis and treatment of infective complications following allogeneic stem cell transplantation in haematological malignancies (BATMO protocol)</p> <p><i>Frontiers in Oncology</i>, 17 June 2022 https://doi.org/10.3389/fonc.2022.874117</p>	6,244

2022	12	<p>Marchese V., Zanotti P., Cimaglia C., Rossi B., Formenti B., Magro P., Gulletta M., Stancanelli G., El-Hamad I., Girardi E., Cirillo D.M., Castelli F., Matteelli A.</p> <p>Fragmentation of Healthcare Services as a Possible Determinant of the Low Completion Ratio for the Tuberculosis Cascade of Prevention among Asylum Seekers: Results from a Prospective Study with Historical Comparison.</p> <p><i>Pathogens</i>. 2022 May 24;11(6):613. doi: 10.3390/pathogens11060613</p>	3,405
2022	13	<p>Castelli F., Tomasoni L.R.</p> <p>New insights on malaria</p> <p><i>New Microbiologica</i>, 2022; 45 (2): 83-98</p>	1,953
2022	14	<p>Caccuri F., Messali S., Zani A., Campisi G., Giovanetti M., Zanussi S., Vaccher E., Fabris S., Bugatti A., Focà E., Castelli F., Ciccozzi M., Dolcetti R., Gallo R.C., Caruso A.</p> <p>HIV-1 mutants expressing B cell clonogenic matrix protein p17 variants are increasing their prevalence worldwide</p> <p><i>Proc Natl Acad Sci U S A</i>. 2022 Jul 5;119(27):e2122050119. doi: 10.1073/pnas.2122050119. Epub 2022 Jun 28.</p>	12,291
2022	15	<p>Mazzitelli M., Degli Antoni M., Castelli F., Ripamonti D., Zuglian G., Lapadula G., Fabbiani M., Ferraresi A., Putaggio C., Cattelan A.M., Quiros-Roldan E.</p> <p>Real-life use of Doravirine in treatment-experienced people living with HIV: a multicentre Italian study</p> <p><i>Medicine (Baltimore)</i>. 2022 Jul 29;101(30):e29855. doi: 10.1097/MD.00000000000029855.</p>	1,889
2022	16	<p>Zanella I, Degli Antoni M, Marchese V, Castelli F, Quiros-Roldan E.</p> <p><i>Non-neutralizing antibodies: deleterious or propitious during SARS-CoV-2 infection?</i></p> <p><i>Int Immunopharmacol.</i> 2022 Sep;110:108943. doi: 10.1016/j.intimp.2022.108943. Epub 2022 Jun 13</p>	4,932
2022	17	<p>Ussai S., Mariani I., Missoni E., Formenti B., Armocida B., Pedrazzi T. Castelli F., Monasta L., Lauria B, Pistis M.</p> <p>“Immuni” and the National Health System: lessons learnt from the COVID-19 digital contact tracing in Italy</p> <p><i>International Journal of Environmental Research and Public Health</i>, 2022 Jun 20;19(12):7529. doi: 10.3390/ijerph19127529</p>	3,390

2022	18	De Francesco M.A., Tiecco G., Corbellini S., Scaltriti E., Piccinelli G. Gurrieri F., Crosato V., Moiola G., Marchese V., Focà E., Bertelli D., Castelli F., Cruso A. First Italian report of a liver abscess and metastatic endogenous endophthalmitis caused by ST-23 hypervirulent <i>Klebsiella pneumoniae</i> in an immunocompetent individual <i>Infection</i> , 2022 Jul 8. doi: 10.1007/s15010-022-01879-8. Online ahead of print.	3,553
2022	19	Del Fabro G., Mileto P., Castelli F., Quiros-Roldan E. Two cases of drug-induced hypersensitivity to dolutegravir-rilpivirine single-tablets <i>The International Journal of Risk and Safety in Medicine</i> , 2022 Sep 26. doi: 10.3233/JRS-220022.	1,538
2022	20	Tiecco G., Storti S., Arsuffi S., Degli Antoni M., Focà E., Castelli F, Quiros-Roldan E. Omicron BA.2 Lineage, the “Stealth” Variant: Is It Truly a Silent Epidemic? A Literature Review <i>International Journal of Molecular Sciences</i> , 2022, 23; 7315. https://doi.org/10.3390/ijms23137315	4,556
2022	21	Maifredi G., Izzo I., Gasparotti C., Sileo C.V.; HIV-CoV Group; Castelli F., Quiros Roldan E. SARS-CoV-2 Infection and Vaccination Coverage among Fragile Populations in a Local Health Area of Northern Italy <i>Life</i> 2022, 12, 1009. https://doi.org/10.3390/life12071009	2,991
2022	22	Degli Antoni M., Giagulli C., Messali S., Amadasi S, Caccuri F., Castelli F., Caruso A., Quiros-Roldan, E. Potential Benefit of Early Treatment with Sotrovimab in Patients With High Risk for Severe COVID-19 Carrying BA.2 <i>Infection. Preprints</i> 2022, 2022070223 (doi: 10.20944/preprints202207.0223.v1).	7,455
2022	23	Comelli A., Genovese C., Lombardi C., Bobbio C., Scudeller L., Restelli U., Muscatello A., Antinori S., Bonfanti P., Bruno R., Casari S., Castagna A., Castelli F., d’Arminio Monforte A., Franzetti F., Grossi P., Morelli P., Pan A., Piconi S., Regazzetti A., Rizzi M., Rusconi S., Puoti M., Pusterla L., Gori A., Bandera A. on behalf of ASP Lomb Study Group What is the Impact of SARS-CoV-2 Pandemic on Antimicrobial Stewardship Programs? The results of a survey among a Regional Network of Infectious Disease Centres in Northern Italy <i>Antimicrob Resist Infect Control</i> . 2022 Aug 29;11(1):108. doi: 10.1186/s13756-022-01152-5.	4,887

2022	24	Tiecco G., Degli Antoni M., Storti S, Tomasoni L.R., Castelli F., Quiros-Roldan E. Monkeypox, a literature review: what is new and where does this concerning virus come from? <i>Viruses</i> , 2022 Aug 27;14(9):1894. doi: 10.3390/v14091894	5,818
2022	25	De Francesco MA, Gargiulo F, Zaltron S, Spinetti A, Castelli F, Caruso A. DAA treatment failure in a HIV/HBV/HCV co-infected patient carrying a chimeric HCV genotype 4/1b <i>IJERPH</i> , 2022, 19, 11655. https://doi.org/10.3390/ijerph191811655	4,614
2022	26	Zanella I., Zizioli D., Ferretti S., Mignani L., Castelli F., Tiecco G., Quiros Roldan E. Developmental safety of nirmatrelvir in zebrafish (<i>Danio rerio</i>) embryos <i>Birth Defects Res.</i> 2022 Nov 14. doi: 10.1002/bdr2.2128. Online ahead of print.	2,344
2022	27	Crosato V, Degli Antoni M, Izzo I, Cerini C, Pennati F, Gulletta M, Odolini S, Tomasoni LR, Matteelli A, Castelli F. Atypical monkeypox presentation in a previously vaccinated MSM HIV-positive adult <i>Infection</i> . 2023 Jan 13. doi: 10.1007/s15010-022-01967-9	7,455
2022	28	Marchese V., Tiecco G., Storti S., Degli Antoni M., Calza S., Gulletta M., Viola F., Focà E., Matteelli A., Castelli F., Quiros-Roldan E. Syphilis infections, reinfections and serological response to treatment in a large Italian sexually transmitted diseases centre: a monocentric retrospective study <i>J Clin Med</i> . 2022 Dec 18;11(24):7499. doi: 10.3390/jcm11247499.	4,964
2023	29	Samaras C., Kyriazopoulou E., Poulakou G., Reiner E., Kosmidou M., Karanika I., Petrakis V., Adamis G., Gatselis N.K., Fagkou A., Rapti A., Taddei E., Kalomenidis I., Chrysos G., Bertoli G., Kainis I., Alexiou Z., Castelli F., Saverio F., Serino F.S., Bakakos P., Nicastrì E., Tzavara V., Kostis E., Dagna L., Koukidou S., Tzatzagou G., Chini M., Bassetti M., Trakatelli C., Tsoukalas G., Selmi C., Samarkos M., Pyrpassopoulou A., Masgala A., Antonakis E., Argyraki A., Akinosoglou K., Sympardi S., Panagopoulos P., Milionis H., Metallidis S., Syrigos K.N., Angel A., Dalekos G.N., Netea M.G., Giamarellos-Bourboulis E. Interferon gamma-induced protein 10 (IP-10) for the early prognosis of the risk for severe respiratory failure and death in COVID-19 pneumonia <i>Cytokine</i> , 2023: 162; 156111	2,952

2023	30	Magro P., Degli Antoni M., Formenti B., Viola F., Castelli F., Amadasi P., Quiros Roldan E. Characteristics of the population with mild Covid-19 symptoms eligible for early treatment attended in a single centre in Northern Italy <i>Journal of Infection and Public Health</i> , 2023; 16: 104-106	3,718
2023	31	Tiecco G., Laurenda D., Mulè A., Arsuffi S., Storti S., Migliorati M., Boldini A., Signorini L., Castelli F., Quiros-Roldan E. Gram-negative endogenous endophthalmitis: a systematic review <i>Microrganisms</i> , 2023, 11, 80, https://doi.org/10.3390/microorganisms11010080	4,782
2023	32	Mazzitelli M., Focà E., Prosperi M., cauda R., Farinacci D., Iannone V., Castelli F., Pan A., Saracino A. Torti C., Quiros-Roldan E. Liver fibrosis may lower PSA levels: a further reason to be wary in prostate Cancer Screening in men with HIV? <i>HIV Med.</i> 2023 Jan 2. doi: 10.1111/hiv.13456	3,094
2023	33	Akinosoglou K, Kotsaki A, Gounaridi IM, Christaki E, Metallidis S, Adamis G, Fragkou A, Fantoni M, Rapti A, Kalomenidis I, Chrysos G, Boni G, Kainis I, Alexiou Z, Castelli F, Serino FS, Bakakos P, Nicastrì E, Tzavara V, Safarika A, Ioannou S, Dagna L, Dimakou K, Tzatzagou G, Chini M, Bassetti M, Kotsis V, Angheben A, Tsoukalas G, Selmi C, Spiropoulou OM, Samarkos M, Doumas M, Damoraki G, Masgala A, Papanikolaou I, Argyraki A, Negri M, Leventogiannis K, Sympardi S, Gatselis NK, Petrakis V, Netea MG, Panagopoulos P, Sakka V, Milionis H, Dalekos GN, Giamarellos-Bourboulis EJ Efficacy and safety of early soluble urokinase plasminogen receptor plasma-guided anakinra treatment of COVID-19 pneumonia: A subgroup analysis of the SAVE-MORE randomised trial. <i>EClinicalMedicine</i> . 2023 Feb;56:101785. doi: 10.1016/j.eclinm.2022.101785. Epub 2022 Dec 26	17,033
2023	34	Zizioli D, Zanella I, Mignani L, Degli Antoni M, Castelli F, Quiros-Roldan E. Cabotegravir exposure of zebrafish (<i>Danio rerio</i>) embryos impacts on neurodevelopment and behavior <i>Int J Mol Sci</i> . 2023 Jan 19;24(3):1994. doi: 10.3390/ijms24031994	4,556
2023	35	Pennati F., Calza S., Di Biagio A., Mussini C., Rusconi S., Bonora S., Borghetti A., Quiros-Roldan E., Sarteschi G., Menozzi M., Ferrara M., Celotti A., Ciccullo A., Giacomet V., Izzo I., Dotta L., Badolato R., Castelli F., Focà E. Reduced probability of improving viro-immunological state in subjects with vertical transmission of HIV reaching adult age: a multicenter retrospective cohort study <i>Immunity Inflammation and Disease</i> , First published: 09 February 2023. https://doi.org/10.1002/iid3.778	2,274

2023	36	De Francesco M., Bertelli A., Corbellini S., Scaltriti E., Risso F., Allegri R., Tiecco G., Castelli F., Caruso A. Emergence of pandemic clonal lineages ST-131 and ST-69 of extraintestinal uropathogenic <i>Escherichia coli</i> as cause of meningitis: is time to revise molecular assays? <i>Microbiol Spectr.</i> 2023 Feb 14;11(2):e0327422. doi: 10.1128/spectrum.03274-22.	9,043
2023	37	Serraino R, Owachi D, Byekwaso SN, Namara CM, Naigambi K, Castelli F, Torti C. From the Global North to the Global South: preparing students for away rotations. <i>BMC Med Educ.</i> 2023 Feb 9;23(1):102. doi: 10.1186/s12909-023-04085-8	3,263
2023	38	Gregori N., Renzetti S., Izzo I., Faletti G., Fumarola B., Degli Antoni M., Arsuffi S., Storti S., Tiecco G., Calza S., Caruso A., Castelli F., Quiros-Roldan E., Focà E. Does the rapid initiation of antiretroviral therapy at HIV diagnosis impact virological response in a real-life setting? A single-centre experience in Northern Italy <i>AIDS Care</i> , https://doi.org/10.1080/09540121.2023.2176425	2,379
2023	39	Arsuffi S., Sansone E., Focà E., Storti S., Diaferia T., Bonfanti C., Terlenghi L., Caruso A., Sala E., Castelli F., De Palma G., Quiros-Roldan E. Timing and implications for immune response to vaccine in SARS-CoV-2 breakthrough infections <i>iScience.</i> 2023 May 19;26(5):106716. doi: 10.1016/j.isci.2023.106716. Epub 2023 Apr 23.	6,107
2023	40	Bertuccio P, Degli Antoni M, Minisci D, Amadasi S, Castelli F, Odone A, Quiros-Roldan E. The impact of early therapies for COVID-19 on death, hospitalization and persisting symptoms: a retrospective study <i>Infection.</i> 2023 Apr 6:1-12. doi: 10.1007/s15010-023-02028-	5,284

2023	41	Zaltron S., Cambianica A., Di Gregorio M., Colangelo C., Storti S., Tiecco G., Castelli F., Quiros-Roldan E. Case Report: an occult hepatitis B virus infection reactivation in an HIV/HCV coinfecting patient during an immune reconstitution inflammatory syndrome <i>Frontiers in Cellular and Infection Microbiology</i> , 2023, 14 april 2023, doi: 10.3389/fcimb.2023.1143346	6,073
2023	42	Rossi L., Tiecco G., Venturini M., Castelli F., Quiros-Roldan E. Human Orf and its immune-mediated reactions: a systematic review <i>Microorganisms</i> , 2023 Apr 27;11(5):1138. doi: 10.3390/microorganisms11051138.	4,926
2023	43	Degli Antoni M., Crosato V. *, Pennati F., Borghesi A., Cristini G., Allegri R., Capone S., Bergamasco A., Soresina A., Badolato R., Maroldi R, Quiros-Roldan A., Matteelli A., Castelli F., Focà E. COVID-19 pneumonia with migratory pattern in agammaglobulinemic patients: a report of two cases and review of literature-19 pneumonia with migratory pattern in agammaglobulinemic patients: a report of two cases and review of literature <i>Tomography</i> . 2023 Apr 23;9(3):894-900. doi: 10.3390/tomography9030073.	1,308
2023	44	De Francesco M., Signorini L., Piva S., Pelliz S., Fumarola B., Corbellini S., Piccinelli G., Simonetti F., Carta V., Mangeri L., Padovani M., Vecchiati D., Latronico N., Castelli F., Caruso A. Bacterial and fungal superinfections are detected at higher frequency in critically ill patients affected by SARS CoV-2 infection than negative patients and are associated to a worse outcome <i>J Med Virol</i> . 2023 Jul;95(7):e28892. doi: 10.1002/jmv.28892.	20,693
2023	45	Gardini G., Froeschl G., Gurrieri F., De Francesco M., Cattaneo C., Marchese V., Piccinelli G., Corbellini S., Pagani C., Santagiuliana M., Fumarola B., Gulletta M., Perandin F., Castelli F., Matteelli A. <i>Strongyloides stercoralis</i> infection: an underlying cause of invasive bacterial infections of enteric origin: Results from a prospective cross-sectional study of a northern Italian tertiary hospital <i>Infection</i> . 2023 Jul 18. doi: 10.1007/s15010-023-02072-1.	7,5
2023	46	Mulé A., Rossini F., Sollima A., Lenzi A., Fumarola B., Amadasi S., Chiari E., Lorenzotti S., Sacconi B., Van Hauwermeiren E., Lanza P., Matteelli A., Castelli F., Signorini L. Trichosporon asahii infective endocarditis of prosthetic valve: a case report and literature review <i>Antibiotics (Basel)</i> . 2023 Jul 13;12(7):1181. doi: 10.3390/antibiotics12071181.	5,222

2023	47	Zizioli D., Ferretti S., Tiecco G., Mignani L., Monti E., Castelli F., Quiros-Roldan E, Zanella I. Comparison of efavirenz and doravirine developmental toxicity in an embryo animal model <i>Int J Mol Sci.</i> 2023 Jul 19;24(14):11664. doi: 10.3390/ijms241411664.	6,208
2023	48	Lovatti S., Tiecco G., Mulé A., Rossi L., Sforza A., Salvi M., Signorini L., Castelli F., Quiros Roldan E. Dalbavancin in bone and joint infections: a systematic review <i>Pharmaceuticals (Basel).</i> 2023 Jul 15;16(7):1005. doi: 10.3390/ph16071005.	5,215
2023	49	Zammarchi L, Tomasoni LR, Liuzzi G, Simonazzi G, Dionisi C, Mazzarelli LL, Seidenari A, Maruotti GM, Ornaghi S, Castelli F, Abbate I, Bordi L, Mazzotti S, Fusco P, Torti C, Carducci FIC, Baccini M, Modi G, Galli L, Lilleri D, Furione M, Zavattoni M, Ricciardi A, Arossa A, Vimercati A, Lovatti S, Salomè S, Raimondi F, Sarno L, Sforza A, Fichera A, Caforio L, Trotta M, Lazzarotto T; MEGAL-ITALI working group. Treatment with valacyclovir during pregnancy for prevention of congenital cytomegalovirus infection: real-life data from Italy (MEGAL-ITALI study). <i>Am J Obstet Gynecol MFM.</i> 2023 Jul 27:101101. doi: 10.1016/j.ajogmf.2023.101101. Online ahead of print	10,693
2023	50	Colangelo C., Tiecco G., Di Gregorio M., Capone S., Allegri R., De Francesco M., Caccuri F., Caruso A., Castelli F., Focà E. A rare case of multidrug-resistant <i>Leclercia adadecarboxylata</i> catheter-related bloodstream infection and a brief updated literature review <i>Mediterranean Journal of hematology and infectious diseases</i> , 2023 Sep 1;15(1):e2023052. doi: 10.4084/MJHID.2023.052. eCollection 2023.	3,122
2023	51	Viola F., Formenti B., Arsuffi S., Polesini I., Focà E., Castelli F., Quiros-Roldan E. Knowledge and attitudes towards HIV and HCV among the general population in Brescia, Italy <i>Int J Environ Res Public Health.</i> 2023 Oct 3;20(19):6878. doi: 10.3390/ijerph2019687	4,614
2023	52	Barnett ED, Wheelock A, Kuhn S, McCarthy A, Walker PF, Coyle C, Greenaway CA, Castelli F, Lopez-velez R, Gobbi F, Trigo-Esteban E, Grobusch MP, Gautret P, Hamer D, Macleod WB, Stauffer WS for the Geosentinel Network Infections with long latency in international migrants seen at Geosentinel Clinics: screening should be tailored to migration route and geographic exposure <i>Travel Med Infect Dis.</i> 2023 Oct 16:102653. doi: 10.1016/j.tmaid.2023.102653	12,000

2023	53	<p>Imberti L., Magro P., Sottini A., Quaresima V., Castelli F., Quiros Roldan E. High frequency of type I Interferon auto-antibodies in a group of middle-aged HIV-infected patients. A cross-sectional exploratory study <i>Immunity, Inflammation and Disease</i>, 2023;11:e1056. https://doi.org/10.1002/iid3.1056</p>	3,200
2023	54	<p>De Francesco M.A., Piva S., Pellizzeri S., Signorini L., Fumarola B., Corbellini S., Piccinelli G., Simonetti F., Carta V., Mangeri L., Padovani M., Vecchiati D., Latronico N., Castelli F., Caruso A.</p> <p>Response to the Letter to the Editor on "Bacterial and fungal superinfections are detected at higher frequency in critically ill patients affected by SARS-CoV-2 infection than negative patients and are associated to a worse outcome"</p> <p><i>J Med Virol.</i> 2023 Oct;95(10):e29192. doi:10.1002/jmv.29192.</p>	12,7
2023	55	<p>Troeman DPR, Hazard D, Timbermont L, Malhotra-Kumar S, van Werkhoven CH, Wolkewitz M, Ruzin A, Goossens H, Bonten MJM, Harbarth S, Sifakis F, Kluytmans JAJW; ASPIRE-SSI Study Team; Vlaeminck J, Vilken T, Xavier BB, Lammens C, van Esschoten M, Paling FP, Recanatini C, Coenjaerts F, Sellman B, Tkaczyk C, Weber S, Ekkelenkamp MB, van der Laan L, Vierhout BP, Couvé-Deacon E, David M, Chadwick D, Llewelyn MJ, Ustianowski A, Bateman A, Mawer D, Carevic B, Konstantinovic S, Djordjevic Z, Del Toro-López MD, Gallego JPH, Escudero D, Rojo MP, Torre-Cisneros J, Castelli F, Nardi G, Barbadoro P, Altmets M, Mitt P, Todor A, Bubenek-Turconi SI, Corneci D, Sandesc D, Gheorghita V, Brat R, Hanke I, Neumann J, Tomáš T, Laffut W, Van den Abeele AM</p> <p>Postoperative Staphylococcus aureus Infections in Patients With and Without Preoperative Colonization. <i>JAMA Netw Open.</i> 2023 Oct 2;6(10):e2339793. doi: 10.1001/jamanetworkopen.2023.39793</p>	13,8
2023	56	<p>Ranzani A., Castelli F., Di Biagio A., D'Arminio Monforte A., Davolio A., Soria A.G., Bai F., Focà E., Taramasso L., Calcagno A., Bresciani E., Bonfanti P., Lapadula G.</p> <p>Efavirenz and 8-hydroxy-efavirenz plasma levels influence on cognition and central nervous system side-effects <i>HIV Medicine</i>, 2023 Dec 17. doi: 10.1111/hiv.13600.</p>	3,094

2024	57	<p>Delmonte O.M., Oguz C., Dobbs K., Myint-Hpu K., Palterer B., Abers M.S., Draper D., Truong M., Kaplan I.M., Gittelman R.M., Zhang Y., Rosen L.B., Snow A.L., Dalgard C.L., Burbelo P.D., Imberti L., Sottini A., Quiros-Roldan E., Castelli F., Rossi C., Brugnoli D., Biondi A., Bettini L.R., D'Angio' M., Bonfanti P., Anderson M.V., Saracino A., Chironna M., Di Stefano M., Fiore M.J., Santantonio T., Castagnoli R., Marseglia G.L., Magliocco M., Bosticardo M., Pala F., Shaw E., Matthews H., Weber S.E., Xirasagar S., Barnett J., Oler A.J., Dimitrova D., Bergerson J.R.E., McDermott D.H., Rao V.K., Murphy P.M., Holland S.M., Lisco A., Su H.C., Lionakis M.S., Cohen J.I., Freeman A.F., Snyder T.M., Lack J., Notarangelo L.D.</p> <p>Perturbations of the T-cell receptor repertoire in response to SARS-CoV-2 in immunocompetent and immunocompromised individuals</p> <p><i>J Allergy Clin Immunol.</i> 2023 Dec 26:S0091-6749(23)02544-7. doi: 10.1016/j.jaci.2023.12.011. Online ahead of print.</p>	14,2
2024	58	<p>Crosato V., Formenti B., Matteelli A., Gulletta M., Odolini S., Compostella S., Tomasoni L., Castelli F.</p> <p>Perception and Awareness about Monkeypox and vaccination acceptance in an At-risk Population in Brescia, Italy: an Investigative Survey</p> <p><i>AIDS and Behaviour</i>, AIDS Behav. 2024 Jan 19. doi: 10.1007/s10461-024-04271-9</p>	4,4
2024	59	<p>Salvi M, Tiecco G, Rossi L, Venturini M, Battocchio S, Castelli F, Quiros-Roldan E.</p> <p>Finger Nodules with a Papulovesicular Hands and Feet Eruption: A Complicated Human Orf Virus Infection</p> <p><i>BMC Infect Dis.</i> 2024 Jan 17;24(1):95. doi: 10.1186/s12879-024-08998-7</p>	3,7
2024	60	<p>Cambianica A., Marchese V., Pennati F., Faustinelli A., Migliorati M., Roda F., Spinetti A., Zaltron S., Fiorentini S., Caruso A., Quiros-Roldan E., Castelli F., Focà E.</p> <p>Chronic Hepatitis C cascade of care in prisoners. Is there still some work to do? Analysis of two large penitentiaries in Northern Italy.</p> <p><i>Int J Environ Res Public Health.</i> 2024 Jan 17;21(1):104. doi: 10.3390/ijerph21010104. PMID: 38248566</p>	4,614
2024	61	<p>Rossi B., Forment B., Cerin C., Tique N., Da Celma Cossa R., Boniotti F., Comini B., Tomasoni L.R., Castelli F.</p> <p>Addressing Health Care Disruption in Rural Mozambique Due to Extreme Climate Events: Mobile Units Tackling Cyclones, Vaccine-Preventable Diseases, and Beyond</p> <p><i>Frontiers in Tropical Diseases - Disease Prevention and Control Policy</i>, 2024; Volume 5, doi: 10.3389/fitd.2024.1328926</p>	Non IF

2024	62	<p>Donato F., Pilotto A., Focà E., Tresoldi M., Tonoli A., Perani C., Minisci D., Salvetti M., Filippini M., Bezzi M., Boari G.E.M., Gipponi S., Stegher C., Nardin M., Caruso A., Metra M., Padovani A., Rossi C., and Castelli F. ; for the COVID-19 Vaccine Brescia Study Group</p> <p>The impact of time since SARS-Cov-2 vaccination, age, sex and comorbidities on COVID-19 outcome in hospitalized patients with SARS-Cov-2 infection</p> <p><i>Vaccine</i>, 2024 Feb 13;S0264-410X(24)00147-6. doi: 10.1016/j.vaccine.2024.02.003.</p>	7,8
2024	63	<p>Mulè A., Crosato V., Kuhns D.B., Lorenzi L., Chirico C., Maifredi G., Notarangelo L.D., Castelli F., Tomasoni L.R.</p> <p>Visceral leishmaniasis in immunocompetent hosts in Brescia: a case series and analysis of cytokines' cascade</p> <p><i>Microorganisms</i>, 2024, 12, 394.</p> <p>https://doi.org/10.3390/microorganisms12020394</p>	4,926
2024	64	<p>Pavesi A., Tiecco G., Rossi L., Sforza A., Ciccarone A., Compostella F., Lovatti S., Tomasoni L.R., Castelli F., Quiros-Roldan E.</p> <p>Inflammatory response associated with West Nile neuroinvasive disease: a systematic review</p> <p><i>Viruses</i>, 2024 Feb 29;16(3):383. doi: 10.3390/v16030383.</p>	4,7
2024	65	<p>Kyriazopoulou E, Hasin-Brumshtein Y, Midic U, Poulakou G, Milionis H, Metallidis S, Astriti M, Fragkou A, Rapti A, Taddei E, Kalomenidis I, Chrysos G, Angheben A, Kainis I, Alexiou Z, Castelli F, Serino FS, Bakakos P, Nicastrì E, Tzavara V, Ioannou S, Dagna L, Dimakou K, Tzatzagou G, Chini M, Bassetti M, Kotsis V, Tsoukalas DG, Selmi C, Konstantinou A, Samarkos M, Doumas M, Masgala A, Pagkratis K, Argyraki A, Akinosoglou K, Symbardi S, Netea MG, Panagopoulos P, Dalekos GN, Liesenfeld O, Sweeney TE, Khatri P, Giamarellos-Bourboulis EJ.</p> <p>Transitions of blood immune endotypes and improved outcome by anakinra in COVID-19 pneumonia: an analysis of the SAVE-MORE randomized controlled trial.</p> <p><i>Crit Care</i>. 2024 Mar 12;28(1):73. doi: 10.1186/s13054-024-04852-z.</p>	9,097
2024	66	<p>Zizioli D., Quiros-Roldan E., Ferretti S., Mignani L., Tiecco G, Monti E., Castelli F., Zanella I.</p> <p>Dolutegravir and folic acid interaction during neural system development in zebrafish embryo</p> <p><i>Int J Mol Sci</i>. 2024 Apr 24;25(9):4640. doi: 10.3390/ijms25094640.</p>	5,600

2024	67	<p>Moschese D, Raccagni AR, Giacomelli A, Piralla A, Rossotti R, Raimondi A, Tesoro D, Vezzosi L, Gulletta M, Clementi N, Venturelli S, Benardon S, Ricaboni D, Bernacchia D, Mancon A, Rovida F, Attanasi F, Cereda D, Gismondo MR, Gori A, Rizzardini G, Antinori S, Baldanti F, Marzano AV, Marchetti G, Castelli F, Castagna A, Nozza S, Mileto D; Mpx Lombardy study group</p> <p>Surge of Mpx cases in Lombardy region, Italy, October 2023 - January 2024.</p> <p><i>Clin Infect Dis.</i> 2024 Apr 4:ciae184. doi: 10.1093/cid/ciae184. Online ahead of print.</p>	11,8
2024	68	<p>Degli Antoni M, Maifredi G, Storti S, Tiecco G, Di Gregorio M, Rossi B, Gasparotti C, Focà E, Castelli F, Quiros-Roldan E.</p> <p>Long-term symptoms after SARS-CoV-2 infection in a cohort of people living with HIV.</p> <p><i>Infection.</i> 2024 May 3. doi: 10.1007/s15010-024-02288-9.</p>	7,5
2024	69	<p>Sollima A., Rossini F., Lanza P., Pallotto C., Meschiari M., Gentile I., Stellini R., Lenzi A., Mulé A., Castagna F., Lorenzotti S., Amadasi S., Van Hauwermeiren E., Sacconi B., Fumarola B., Signorini L., Castelli F., Matteelli A.</p> <p>Role of cefiderocol in multi-drug resistant gram-negative central nervous system infections: real life experience and state-of-the-art</p> <p><i>Antibiotics</i>, 2024, 13, 453. https://doi.org/10.3390/antibiotics13050453</p>	4,8
2024	70	<p>Soria A, Graziano F, Ghilardi G, Lapadula G, Gasperina DD, Benatti SV, Quiros-Roldan E, Milesi M, Bai F, Merli M, Minisci D, Franzetti M, Asperges E, Chiabrando F, Pocaterra D, Pandolfo A, Zanini F, Lombardi D, Cappelletti A, Rugova A, Borghesi ML, Squillace N, Pusterla L, Piconi S, Morelli P, Querini PR, Bruno R, Rusconi S, Casari S, Bandera A, Franzetti F, Travi G, D'Arminio Monforte A, Marchetti G, Pan A, Castelli F, Rizzi M, Dentali F, Mallardo M, Rossi E, Valsecchi MG, Galimberti S, Bonfanti P.</p> <p>Monoclonal antibodies against SARS-CoV-2 to prevent COVID-19 worsening in a large multicenter cohort.</p> <p><i>Heliyon.</i> 2024 Aug 13;10(16):e36102. doi: 10.1016/j.heliyon.2024.e36102. eCollection 2024 Aug 30</p>	4,0
2024	71	<p>Ogbuagu O, Molina JM, Chetchotisakd P, Ramgopal MN, Sanchez W, Brunetta J, Castelli F, Crofoot GE, Hung CC, Ronot-Bregigeon S, Margot NA, Wang H, Dvory-Sobol H, Rhee MS, Segal-Maurer S.</p> <p>Efficacy and Safety of Long-Acting Subcutaneous Lenacapavir in Heavily Treatment-Experienced People with Multi-Drug Resistant HIV-1: Week 104 Results of a Phase 2/3 Trial"</p> <p><i>J Clin Infect Dis.</i> 2024 Aug 29:ciae423. doi: 10.1093/cid/ciae423.</p>	11,8

2024	72	Tiecco G, Salvi M, Delbarba A, Di Gregorio M, Colangelo C, Castelli F, Quiros-Roldan E. Sexual dysfunction in women living with HIV: an updated narrative review. <i>Sex Med Rev.</i> 2024 Aug 25;qeae061. doi: 10.1093/sxmrev/qeae061. Online ahead of print.	3,5
2024	73	Sforza A., Bonito A., Tiecco G., Moioli G, Storti S., Lechiara M., Castelli F., Quiros-Roldan E. A rare case and literature review of pyelo-hepatic abscess in an immunocompetent patient: when effective source control and targeted antimicrobial therapy might not be enough <i>Microorganisms.</i> 2024 Sep 30;12(10):1989. doi: 10.3390/microorganisms12101989. PMID: 39458298	4,1
2024	74	Pezzaioli L.C., Porcelli T., Delbarba A., Tiecco G., Castelli F., Cappelli C., Ferlin C., Quiros-Roldan E. Effect of oral bisphosphonates on vertebral fractures in males living with HIV: a 7-years study <i>J Clin Med.</i> 2024 Oct 30;13(21):6526. doi: 10.3390/jcm13216526.PMID: 39518665	3,0
2024	75	Tiecco G, De Francesco MA, Lenzi A, Pellizzeri S, Rossini F, Sollima A, Signorini L, Castelli F, Caruso A, Quiros-Roldan E. Clostridioides difficile infections caused by hypervirulent strains: a single-centre real-life study <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2024 Nov 11. doi: 10.1007/s10096-024-04982-w.	3,7
2024	76	Comelli A, Genovese C, Renisi G, Scudeller L, Zanforlini M, Macaluso G, Mazzone A, Muscatello A, Bozzi G, Zoncada A, Pan A, Rossi M, Bonfanti P, Chiappetta S, Casari S, Ripa M, Castagna A, Signorini L, Castelli F, Chiamenti M, Marchetti GC, Castiglioni B, Franzetti F, Graziano E, Grossi P, Morelli P, Bartoletti M, Molteni C, Piconi S, Merli M, Puoti M, Ricaboni D, Pusterla L, Cerri C, Regazzetti A, Soavi L, Rizzi M, Franzetti M, Rusconi S, Asperges E, Bruno R, Schiavini M, Gori A, Schiatti S, Bandera A. Use of ICD-9-CM coding for identifying antibiotic prescriptions during hospitalization: a Delphi consensus model. <i>Infect Prev Pract.</i> 2024 Oct 28;6(4):100416. doi: 10.1016/j.infpip.2024.100416. eCollection 2024 Dec	1,8
2025	77	Formenti B., Benoni R., Testa J., Bertoli G., Stroffolini G., Pizzi M.G., Menzaghi B., Ronzoni N., Magro P., El Hamad I., Scolari C., Spinetti A., Zaltron S., Castelli F., Marchese V., Matteelli A. Navigating healthcare pathways: cascade of prevention and care for chronic viral hepatitis in asylum seekers and refugees. A multicentre analysis in northern Italy <i>J Migr Health.</i> 2025 Jan 28;11:100307. doi: 10.1016/j.jmh.2025.100307.	3,9

2025	78	Rossi B., Tiecco G., Logiudice J., Gerami R., Bertoni F., Tomasoni L.R., Castelli F., Quiros-Roldan E. Mpox in Pregnancy: Unraveling the Maternal-Fetal Risks of a Re-Emerging Disease, a narrative review <i>Journal of Infection and Public Health</i> , S1876-0341(25)00107-8 DOI: https://doi.org/10.1016/j.jiph.2025.102758	4,7
2025	79	Salvi M., Fioretti B., Alberti M., Scarvaglieri I., Arsuffi S., Tiecco G., Castelli F., Quiros-Roldan E. Understanding HIV-exposed uninfected children: a narrative review <i>Viruses</i> . 2025 Mar 19;17(3):442. doi: 10.3390/v17030442. PMID: 40143369	4,7
2025	80	Tiecco G, Delbarba A, Colangelo C, Di Gregorio M, Facondo P, Riva M, Cappelli C, Focà E, Castelli F, Quiros-Roldan E. Penile Vascular Status in Young Men Living with HIV Experiencing Erectile Dysfunction: a Comparative Cross-Sectional Pilot Study <i>Andrology</i> . 2025 Apr 23. doi: 10.1111/andr.70050. Online ahead of print. PMID: 40265974	3,2
2025	81	Imberti L., Tiecco G., Logiudice J. Castelli F., Quiros-Roldan E. Effects of Climate Change on the Immune System: A Narrative Review <i>Health Science Reports</i> , 2025; 8:e70627 1 of 12 https://doi.org/10.1002/hsr2.70627	2,1
2025	82	Salvi M., Tiecco G., Alberti M., Castelli F., Focà E., Quiros Roldan E. Female sexual dysfunction: prevalence and risk factors in a cohort of women living with HIV in Italy <i>Sex Med</i> . 2025 May 19;13(2):qfaf038. doi: 10.1093/sexmed/qfaf038. eCollection 2025 Apr.	3,3
2025	83	Ciccarone A, Lovatti S, Sollima A, Salvi M, Bonito A, Quiros-Roldan E, Castelli F, Gobbi F, Focà E. Brucellosis imported into Italy from India. <i>J. Travel Med</i> . 2025 Jun 5:taaf046. doi: 10.1093/jtm/taaf046.	9,1
2025	84	Logiudice J., Tiecco G., Pavesi A., Bertoni F., Gerami R., Zanella I., Artese A., Castelli F., SPARROW Group, Quiros-Roldan E. Novel and repurposed antiviral molecules for arbovirus infection with epidemic potential. A systematic review <i>New Microbes New Infect</i> . 2025 Jul 10;66:101614. doi: 10.1016/j.nmni.2025.101614	5,4

2025	85	<p>Arsuffi S., Mazzi C., Calza S., Colombo F.R., Minisci D., Fioretti B., Izzo I., Polesini I., Anzoni C., Castelli F., Quiros-Roldan E. & Emanuele Focà</p> <p>Acceptability of Long Acting Injectable Antiretroviral Therapy in People Living With HIV at a Large Single Centre</p> <p><i>Scientific Reports</i>, (2025) 15:28212 https://doi.org/10.1038/s41598-025-13805-7</p>	4,379
2025	86	<p>Scarvaglieri I., Cesanelli F., Tiecco G., Ghini I., Minisci D., Davoli C., Rapino S., Focà E., Alberti M., Salvi M., Castelli F., Quiros-Roldan E.</p> <p>Atypical dermatological manifestations of syphilis in advanced hiv: a case-based narrative review"</p> <p><i>Mediterr J Hematol Infect Dis</i>. 2025 Sep 1; 17(1): e2025056. doi: 10.4084/MJHID.2025.056.</p>	1,13
2025	87	<p>Arsuffi S, Rossi L, Colombo FR, Inverardi M, Mirovic E, Laurenda D, Izzo I, Rapino S, Castelli D, Gaffurini F, Polesini I, Castelli F, Calza S, Quiros-Roldan E, Focà E.</p> <p>Herpes zoster reactivation in a cohort of people living with HIV vaccinated with recombinant vaccine.</p> <p><i>Vaccine</i>. 2025 Oct 3;64:127723. doi: 10.1016/j.vaccine.2025.127723. Epub 2025 Sep 9</p>	3,4
2025	88	<p>Cerini C., Magro P., da Gloria Julio André A., Rossi B., Mandlate D., Chambule Moçambique O., Boniotti F., Gregori N., Pennati F., Crosato V., Vesperoni P., Comini B., Castelli F., Tomasoni L.R.</p> <p>"ProTeggiMI": Adherence to HIV Vertical Transmission Prevention Pathway in Remote Communities in Mozambique</p> <p><i>Open Forum Infect Dis</i>. 2025 Oct 15;12(11):ofaf647. doi: 10.1093/ofid/ofaf647. eCollection 2025 Nov.</p>	3,8

Annex 2b – Chapters of Books and Manuals

#	Authors	Title	Book/Manual	Press
1	Castelli F.	Chapter 3 - The global drivers of migration	Migration and health (Edited by Sandro Galea, Catherine K. Ettman, Muhammad H. Zaman)	Chicago University Press, 2022
2	Castelli F.	I rapporti con la sanità: gli Spedali civili di Brescia	Libro celebrativo 40 anni Università degli Studi di Brescia	Brixia University Press, 2022
3	Castelli F., Mangano V.	Cap. 24. Malaria	De Carneri. Parassitologia generale ed umana, 14° ed (a cura di Fabrizio Bruschi e Edorado Pozio)	Casa Editrice Ambrosiana 2023
4	Castelli F., Formenti B	Migrazione e salute disuguale. L'impatto delle malattie infettive sulla popolazione straniera a Brescia	MigraREport 2022. Migrazione e migranti vittime delle guerre	Vita e Pensiero, 2022
5	Caligaris S., Odolini S., Marchese V., Gardini G., Gregori N., Crosato V., Castelli F.	La profilassi delle malattie dei viaggiatori	Medicina Clinica. Basi Biologiche Diagnostica Terapia	C.G. Edizioni Medico Scientifiche, 2022
6	Castelli F., Formenti B.	International Cooperation and development	Global Health (edited by Raviglione M.)	2023
7	Castelli F., Pavli A., Valdoeiros S., Poliak M	Southern Europe	Geographical Medicine (edited by E. Petersen, P. Schlagenhauf, Chen L.), 3rd edition	Wiley-Blackwell 2023
8	Castelli F., Formenti B.	Human resources for health in low- and middle-income countries: current challenges to achieve the universal health coverage	Knowledge models and dissemination for sustainable development. Italian UNESCO Chairs on the 2030 agenda for SDGs	Springer, 2024

9	Castelli F.	Health Inequalities in the Maternity Pathway: Disparities Between Italian and Migrant Mothers"	Migrareport 2024	Centre for Initiatives and Research on Migration (CIRMiB), 2024
10	Castelli F.	Inter-University Collaboration for equitable knowledge and dialogue societies	Empowering higher education in Africa: Italy and the UNESCO Chair Network	Pacini Editore, 2024
11	Castelli F., Rossi B.	Cap. 17 - Infezioni del fegato e delle vie biliari. Infezioni delle ghiandole salivari	Malattie Infettive, 9° ed (Edited by Antinori S.)	Masson, 2025 in press
12	Castelli F., Odolini S.	Cap. 34 - Rischio infettivo per i viaggiatori	Malattie Infettive, 9° ed (Edited by Antinori S.)	Masson, 2025 in press