

PERSONAL INFORMATION Ambra Barco

PRESENT POSITION **Infectious Diseases Specialist,**
Infectious Diseases Unit, Ospedale Maggiore della Carità, Novara

STUDIES APPLIED FOR **Medical Doctor (MD)**

EDUCATION AND TRAINING

- 11/2015 – 08/2020** **Resident in Infectious Diseases and Tropical Medicine**
Università degli Studi di Torino, Ospedale Amedeo di Savoia
- 09/2018 – 12/2018** **Professional Diploma in Tropical Medicine and Hygiene**
London School of Tropical Medicine and Hygiene
- 05/2017** **Advanced Training in Antiretroviral Therapy**
Università di Roma Tor Vergata, Scuola Alta formazione di Pediatria
- 09/2016** **ALS Executor**
ASL TO2
- 10/2008 – 07/2014** **Medical Degree**
School of Medicine, Università degli studi del Piemonte Orientale "A. Avogadro",
Novara, Italy
Final degree mark 110/110 cum laude
- 04/2014** **BLS and ACLS Training**
Università degli studi del Piemonte Orientale "A. Avogadro"
- 07/12/2013 – 08/12/2013** **Trauma Training Course**
Imperial College, London, UK
ICSM surgical society
- 05/2012** **Disaster Medicine Course**
Università degli studi del Piemonte Orientale "A. Avogadro"
- 09/2003 – 07/2008** **High-School Diploma in Foreign Languages**
Liceo Classico indirizzo Linguistico (progetto Brocca) "G. e Q. Sella", Biella, Italy
Final mark 100/100

PROFESSIONAL EXPERIENCE

- 09/2020 – now** **Infectious Diseases Doctor**
Ospedale Maggiore della Carità, Novara, Infectious Diseases Unit
ID doctor specialized in the treatment and management of HIV patients and TB infection. Supervision of antibiotic therapies prescriptions in surgical wards.
- 03/2020 – 09/2020** **Medical Doctor for SARS-Cov2 pandemic**
Ospedale Maggiore della Carità, Novara
Medical Doctor in charge of treating patients infected with SARS-CoV2 in a low and medium intensity

care setting

- 05/2010 – now** EMDM Full-scale disaster exercise
CRIMEDIM evaluator, translator and instructor in the real size disaster exercise which annually takes place during the European Master in Disaster Medicine in Novara.
- 01/2015-10/2015** Training disaster medicine trainers (TdmT) Organizing Committee Member
CRIMEDIM collaborator as organizing committee member for the first International training in disaster medicine for undergraduates.
- 09/2015** CRIMEDIM Lecturer
Lecturer of infectious diseases in emergency settings and constrained environment in the Disaster Medicine Summer School for the medical students of Jazan University.
- 12/2014 – 10/2015** Post-graduate Research Grant Holder
Società Italiana Malattie Infettive e Tropicali (SIMIT)
Principal investigator of the research project, based in San Paolo Hospital, Milan, at the Clinic of Infectious and Tropical Diseases, aimed to assess factors associated to HPV-related cancer development and identify effective screening strategies in a cohort of HIV-positive patients.
- 03/2015 - 06/2015** HUMANITAS University Lecturer
Lecturer of Infectious Diseases at HUMANITAS medical school in Milan. Curricular classes about: Tuberculosis, HIV and AIDS, viral hepatitis, skin and soft tissue infections, urinary tract infections, bone and joint infections, sexual transmitted infections, nervous system infections, emerging viral diseases.
- 10/2013 – 06/2014** Project Leader
Leading investigator in the research project named *Progression, persistence and regression of anal squamous intraepithelial lesions in a cohort of HIV positive males, related to HIV status and immune activation*, developed in collaboration with Università degli Studi di Milano, San Paolo Hospital, Clinic of Infectious and Tropical Diseases.
- 04/2011 – 07/2014** Member of the Students' Representative Council
Discussion of students' needs with the Dean and the other University Council members, development of proposals for the improvement of didactic methods.
- 10/2011-10/2013** Local Exchange Officer (LEO)
Segretariato Italiano Studenti di Medicina (SISM), Italian branch of International Federation of Medical Students' Associations (IFMSA). Management of International professional exchange programs promoted by IFMSA.
- 30/07/2012 – 24/08/2012** Outgoing Student in IFMSA professional exchange program
Country Mexico
Professional experience in the Internal Medicine ward of the "Adolfo López Mateos" hospital in Toluca de Lerdo, Mexico. Attendance of the ward and management of the hospitalized patients with particular attention towards infectious diseases.
- 3/12/2011 – 30/12/2011** Volunteer in NGOs Project
Country Senegal
NGO: Rainbow For Africa (R4A, <http://www.rainbow4africa.org/www/>)
Collaboration in the creation and management of a new first-aid station in a rural village, Kassack Nord. The main objective was to identify the leading causes of morbidity and, accordingly, organize a new health-care service to treat the population.

PERSONAL SKILLS

Mother tongue Italian

Other languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English	C1	C1	C1	C1	C1
French	C1	C1	C1	C1	C1
German	A2	A2	A2	A2	A2
Spanish	B1	B1	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills ▪ good communication skills gained through experiences abroad and in everyday life in hospital.

Organisational / managerial skills ▪ leadership, acquired through experience as students' representative council member.
▪ human and social skills gained through my position as local exchange officer.
▪ development of new ideas and writing them as project proposals.

Computer skills ▪ good command of Microsoft Office™ tools
▪ good command of Google tools (GDrive)
▪ good command of statistical software (Prism, SPSS)
▪ good knowledge of Social Networks (Facebook, Twitter, LinkedIn)

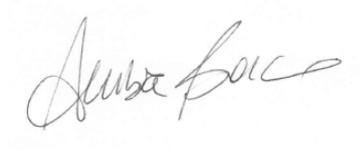
Other skills ▪ good knowledge of nonverbal communication and body language
▪ perseverance and motivation
▪ ability to work under pressure
▪ good ability in working in team
▪ good adaptability to live and work in low resources environment and multicultural context

Presentations and Publications

- Ragazzoni L, **Barco A**, Echeverri L, Conti A, Linty M, Caviglia M, Merlo F, Martini D, Pirisi A, Weinstein E, Barone-Adesi F, Della Corte F. Just-in-Time Training in a Tertiary Referral Hospital During the COVID-19 Pandemic in Italy. *Acad Med.* 2021 Mar 1;96(3):336-339. doi: 10.1097/ACM.0000000000003575. PMID: 32639262; PMCID: PMC7363358.
- De Benedetto I, **Barco A**, Rossi M, Lapadula G, Lupia T, Bonfanti P, Bonora S, Di Perri G, Calcagno A. BCGitis after Bacille Calmette-Guerin intravesical administration from two referral centers: clinical characteristics and risk factors. *Infez Med.* 2022 Jun 1;30(2):242-246. doi: 10.53854/iim-3002-9. PMID: 35693064; PMCID: PMC9177181.
- Calcagno A, **Barco A**, Trunfio M, Bonora S. CNS-Targeted Antiretroviral Strategies: When Are They Needed and What to Choose. *Curr HIV/AIDS Rep.* 2018 Feb;15(1):84-91. doi: 10.1007/s11904-018-0375-2. PMID: 29363025.
- Trentalange A, Prochet A, Imperiale D, Cusato J, Tettoni M, Nunnari G, **Barco A**, Bonora S, Di Perri G, Calcagno A. Cerebral white matter Hyperintensities in HIV-positive patients. *Brain Imaging Behav.* 2020 Feb;14(1):10-18. doi: 10.1007/s11682-018-9966-1. PMID: 30238207.
- **Barco A**, Orlando S, Stroffolini G, Pirriatore V, Lazzaro A, Vai D, Guastamacchia G, Noce G, Atzori C, Trunfio M, Bonora S, Di Perri G, Calcagno A. Correlations between cerebrospinal fluid biomarkers, neurocognitive tests, and resting-state electroencephalography (rsEEG) in patients with HIV-associated neurocognitive disorders. *J Neurovirol.* 2022 Jan 19. doi: 10.1007/s13365-021-01047-y. Epub ahead of print. PMID: 35044644.
- Ragazzoni L, **Barco A**, Echeverri L, Conti A, Linty M, Caviglia M, Merlo F, Martini D, Pirisi A, Weinstein E, Barone-Adesi F, Della Corte F. Just-in-Time Training in a Tertiary Referral Hospital During the COVID-19 Pandemic in Italy. *Acad Med.* 2021 Mar 1;96(3):336-339. doi: 10.1097/ACM.0000000000003575. PMID: 32639262; PMCID: PMC7363358.
- Trentalange A, Borgogno E, Motta I, Antonucci M, Pirriatore V, Costa C, Rossi G, **Barco A**, De Nicolò A, Piccioni P, D'Avolio A, Bonora S, Di Perri G, Calcagno A. Rifampicin and Isoniazid Maximal Concentrations are Below Efficacy-associated Thresholds in the Majority of Patients: Time to Increase the Doses? *Int J Antimicrob Agents.* 2021 Mar;57(3):106297. doi: 10.1016/j.ijantimicag.2021.106297. Epub 2021 Feb 1. PMID: 33539932.
- Trentalange A, Prochet A, Imperiale D, Cusato J, Tettoni M, Nunnari G, **Barco A**, Bonora S, Di Perri G, Calcagno A. Cerebral white matter Hyperintensities in HIV-positive patients. *Brain Imaging Behav.* 2020 Feb;14(1):10-18. doi: 10.1007/s11682-018-9966-1. PMID: 30238207.
- D. Barbanotti, L. Marinaro, **A. Barco**, M. Merli, G. Vendemiati, E. Messina, C.U. Foppa, S. Bonora, G. Di Perri, A. Lazzarin, H. Hasson. *Hepatitis C virus-RNA decay with direct acting antivirals in human immunodeficiency virus/hepatitis C virus coinfected patients.* December 2017 *Journal of Hepatology* 66(1):S305 DOI10.1016/S0168-8278(17)30927-3
- Calcagno A, **Barco A**, Trunfio M, Bonora S. CNS-Targeted Antiretroviral Strategies: When Are They Needed and What to Choose. *Curr HIV/AIDS Rep.* 2018 Feb;15(1):84-91. doi: 10.1007/s11904-018-0375-2. PMID: 29363025.
- Montrucchio C, Biagini R, Alcantarini C, Calcagno A, **Barco A**, Ferrara M, Milesi M, Costa C, Trentalange A, Trunfio M, Tettoni M, Grosso Marra W, D'Ascenzo F, Ballocca F, Lonni E, Gili S, Vai D, Imperiale D, Gaita F, Bonora S, Di Perri G. Cardiovascular risk and neurocognitive deficits in HIV-positive individuals. *Infect Dis Trop Med* 2017; 3 (1): e370
- L. Marinaro, M. Merli, **A. Barco**, C. Alcantarini, C. Montrucchio, MC. Tettoni, G. Vendemiati, G. Bocchino, A. De Nicolò, H. Hasson, A. D'Avolio, C. Uberti Foppa, G. Di Perri, S. Bonora *Directly active antivirals pharmacokinetics in HCV/HIV co-infected patients with advanced hepatic fibrosis.* EASL LiverTree™. Marinaro L. Apr 21, 2017; 167729
- **A. Barco**, L. Marinaro, M. Merli, C. Alcantarini, C. Montrucchio, G. Vendemiati, M. Milesi, F. Patti, F. Favata, A. Ariaudo, H. Hasson, A. D'Avolio, C. Uberti-Foppa, G. Di Perri, S. Bonora. *Daclatasvir (DCV) pharmacokinetics in HCV/HIV co-infected patients co-administered with rilpivirine and other antiretroviral drugs.* Poster Exhibition, P291, HIV Drug Therapy, Glasgow 2016
- Tincati C, Rainone V, Comi L, Pandolfo A, **Barco A**, Bellistri GM, Rovati M, Monforte AD, Trabattoni D, Marchetti G. *Cell-Mediated Immunity in HIV-Infected Males With Human Papillomavirus-Related Anal Dysplastic Lesions.* *Clin Infect Dis.* 2016 Nov 15;63(10):1396-1398. Epub 2016 Aug 30.
- **Barco A**, Pandolfo A, Bai F, Suardi E, Rovati M, Marchetti G, Bini T, d'Arminio Monforte A. *Association between HPV infection and related disease with other sexually transmitted infections (STIs) in a cohort of Italian male and female HIV-positive patients,* Poster Exhibition, P 46, ICAR 2015, Riccione
- Suardi E, Bai F, Comi L, Pandolfo A, Rovati M, **Barco A**, Dalzero S, Cassani B, Marchetti G, Monforte AD. *Factors associated with HPV-DNA clearance in a cohort of HIV-positive patients: role of cART and gender.* *J Int AIDS Soc.* 2014 Nov 2;17(4 Suppl 3):19717. doi: 10.7448/IAS.17.4.19717. eCollection 2014.
- Cannizzo ES, Bellistri GM, Casabianca A, Tincati C, Iannotti N, **Barco A**, Orlandi C, Monforte AD, Marchetti G. *Immunophenotype and Function of CD38-Expressing CD4+ and CD8+ T Cells in HIV-Infected Patients Undergoing Suppressive Combination Antiretroviral Therapy,* *J Infect Dis.* 2014 Nov 14. pii: jiu634

ADDITIONAL INFORMATION

Novara, 28/10/2025

A handwritten signature in black ink, reading "Ambra Barco", is centered on the page. The signature is written in a cursive, flowing style.