

CURRICULUM VITAE

Personal Information

Full Name	Ilaria Motta
Gender	F
Residency address	
E-mail	ilaria.motta@unito.it
Nationality	Italian
Date and place of birth	26/08/1982, Torino, Italy

Education and training

November 2014-May 2018	Department of Medical Sciences Doctoral School in Life and Health Sciences PhD Programme in Experimental Medicine and Therapy, XXX cycle Università degli Studi di Torino, Italy
	Research project "Individualization of antitubercular treatment: evaluation of pharmacological determinants of treatment response"
	PhD in Experimental Medicine and Therapy (with honors)
June 2009 – June 2014	Postgraduate School in Infectious Diseases, Università degli Studi di Torino, Italy
	Graduation thesis "Intracellular pharmacology of antitubercular drugs of first line in TB patients"
	Postgraduate Diploma in Infectious Diseases (70/70 with honors)
January-March 2011	LSHTM (London School of Hygiene and Tropical Medicine)
	Diploma in Tropical Medicine and Hygiene (DTMH)
2001-2007	Faculty of Medicine and Surgery, Università degli Studi di Torino, Italy
	Graduation thesis "Clinical pharmacology of atazanavir, protease inhibitor of Human Immunodeficiency Virus (HIV)"
	Master Degree in Medicine (110/110, publication honor)
2003-2004	Faculty of Medicine and Surgery, Cadiz, Spain
	Socrates-Erasmus Project
1996-2001	"Maurilio Fossati" Scientific High School, Rivoli

	(To), Italy
	Scientific diploma (87/100)

Work experiences

01/09/2018-now	Medecins Sans Frontiers (MSF), Paris, France
	Permanent member of Clinical Advisor Committee (CAC) for endTB clinical trial
09/10/2017-now	Medecins Sans Frontiers (MSF), London, UK
	Medical Monitor/Clinical Advisor PRACTECAL clinical trial
01/06/2016-8/10/2017	Unit of Infectious Diseases, Amedeo di Savoia Hospital, University of Torino, Torino, Italy
	Infectious Diseases specialist in ID ward and HIV outpatient clinic, PhD student, research activities
01/10/2015-31/05/2016	Grande Ospedale Metropolitano Niguarda, Milano, Italy, Infectious Diseases Unit
	Infectious Diseases Consultant
01/03-30/09/2015	Unit of Infectious Diseases, Amedeo di Savoia Hospital, University of Torino, Torino, Italy
	Infectious Diseases specialist, PhD student, research activities
09/12/2014-10/02/2015	Medecins sans Frontiers (OCB), Bangui, Central African Republic
	Medical Doctor in 'Mpoko refugee camp
2/07-3/08/2012	TDR, Tropical Disease Research Unit Geneva, Switzerland, WHO
	Collaboration in a systematic review on artesunate safety in the treatment for severe malaria
31/05-3/12/2011	Hospital of Kiremba, Pediatrics, Kiremba, Burundi
	Professional training in collaboration with Italian NGO ASCOM in Pediatric Service
01/09-31/10/2007	St Stephen's Centre, Chelsea and Westminster Hospital, London, UK
	Collaboration in PK clinical trials of antiretroviral drugs

Professional training

01/10-31/10/2006	Internal Medicine, Kumba, Cameroun.
	Professional training organized by IFMSA (International Federation of Medical Students' Associations) and SISM (Italian Society of Medical Students)

01/07-31/07/2006	Hospital Universitario Marques de Valdecilla, General Surgery, Santander, Spain.
	Professional training organized by IFMSA (International Federation of Medical Students' Associations) and SISM (Italian Society of Medical Students)
01/10-31/10/2005	Hospital Universitario Clinico, General Surgery, Valladolid, Spain.
	Professional training organized by IFMSA (International Federation of Medical Students' Associations) and SISM (Italian Society of Medical Students)
01/07-31/07/2005	Internal Medicine and Pediatrics, Kolkata, India.
	Professional training organized by "Project for People" in collaboration with IIMC (Indian Institute for Mother and Child) and SISM (Italian Society of Medical Students)

Publications

- The Influence of Pharmacogenetic Variants in HIV/Tuberculosis Co-infected Patients in Uganda in the SOUTH Study. *Clinical Pharmacology & Therapeutics*. 2019. Accepted, *in press*
- Ulcerative pyoderma gangrenosum in inflammatory bowel disease. **Motta I**, Perricone G *Lancet Gastro Hep*. 2019. Accepted, *in press*.
- Towards ending TB: civil community engagement in a rural area of Senegal: results, challenges and future proposal. Riccardi N, Alagna R, **Motta I**, Ferrarese M, Castellotti P, Nicolini LA, Diaw MM, Ndiaye M, Cirillo D, Codecasa L, Besozzi G. *Infectious Diseases*. 2019. Accepted, *in press*.
- Transmission of Mycobacterium tuberculosis among children and adolescents in schools and other congregate settings: systematic literature review and meta-analysis. Sane Schepisi M, **Motta I**, Dore S, Costa C, Sotgiu G, Girardi E. *New Microbiol*. 2018; 41(4):282:290.
- Pharmacokinetics and pharmacogenetics of anti-tubercular drugs: a tool for treatment optimization? **Motta I**, Bonora S, Calcagno A. *Expert Opin Drug Metabol Toxicol*. 2018 Jan;14(1):59-82.
- Undetectable antimicrobial plasma concentrations in an HIV-positive patient with protein-losing enteropathy and chylothorax during Mycobacterium genavense and Leishmania abdominal infections. **Motta I**, Trunfio M, Calcagno A, Pirriatore V, Scabini S, Palazzo A, Audagnotto S, Fatiguso G, Liberini V, Bellò M, D'Avolio A, Di Perri G, Bonora S. *J Antimicrob Chemother* 2018 Feb 1;73(2):546:548.

- "HIV/AIDS: Oxidative stress and Dietary Antioxidants" 1st Edition, November 2017. Editors: Victor R Preedy, Ronald Ross Watson, El Sevier. Chapter 4 "Ageing with HIV and oxidative stress" **Motta I**, Calcagno A. Preview available at <https://www.elsevier.com/books/hiv-aids/preedy/978-0-12-809853-0>
- Cerebrospinal fluid viral load and neopterin in HIV-positive patients with undetectable viraemia. **Motta I**, Allice T, Romito A, Ferrara M, Ecclesia S, Imperiale D, Ghisetti V, Di Perri G, Bonora S, Calcagno A. *Antivir Ther* 2017 doi: 10.3851/IMP3140, epub, ahead of print.
- Pharmacokinetics of First-Line Antitubercular Drugs in Plasma and PBMCs. **Motta I**, Calcagno A, Baietto L, Bigliano P, Costa C, Baruffi K, Fatiguso G, D'Avolio A, Di Perri G, Bonora S. *Br J Clin Pharmacol*; 2017 May;83(5):1146-1148.
- Role of Vitamin D pathway gene polymorphisms on rifampicin plasma and intracellular pharmacokinetic. Allegra S, Fatiguso G, Calcagno A, Baietto L, **Motta I**, Favata F, Cusato J, Bonora S, Di Perri G, D'Avolio A. *Pharmacogenomics*; 2017, Jun 8 doi: 10.2217/pgs-2017-0176, ahead of print.
- Elvitegravir/Cobicistat/Tenofovir/Emtricitabine Penetration in the Cerebrospinal Fluid of Three HIV-Positive Patients. Calcagno A, Simiele M, **Motta I**, Mornese Pinna S, Bertucci R, D'Avolio A, Di Perri G, Bonora S. *AIDS Res Hum Retroviruses*. 2016 Mar 14.
- Ethambutol plasma and intracellular pharmacokinetics: A pharmacogenetic study. Fatiguso G, Allegra S, Calcagno A, Baietto L, **Motta I**, Favata F, Cusato J, Bonora S, Di Perri G, D'Avolio A. *Int J Pharm*. 2016 Jan 30;497(1-2):287-92.
- Pulmonary tuberculosis sustained by *Mycobacterium bovis* in a young Italian patient. Scabini S, **Motta I**, Milano R, Audagnotto S, Turchi A, Stella ML, Ghisetti V, Bertucci R. *Infect Dis Trop Med*. 2016; 2 (2): e289.
- A UPLC-MS-MS method for the simultaneous quantification of first line antituberculars in plasma and in peripheral blood mononuclear cells. Baietto L, Calcagno A, **Motta I**, Baruffi K, Poretti V, Di Perri G, Bonora S, D'Avolio A. *J Antimicrob Chemother*; 2015 Sep;70(9):2572-5.
- HIV-1 Very Low Level Viremia Is Associated with Virological Failure in Highly Active Antiretroviral Treatment-Treated Patients. Calcagno A, **Motta I**, Ghisetti V, Lo Re S, Allice T, Marinaro L, Milia MG, Tettoni MC, Trentini L, Orofino G, Salassa B, Di Perri G, Bonora S. *AIDS Res Hum Retroviruses*. 2015 Aug 6.
- A probable drug-to-drug interaction between voriconazole and haloperidol in a slow metabolizer of CYP2C19 patient. **Motta I**, Calcagno A, Baietto L, D'Avolio A, De Rosa FG, Bonora S. *Infez Med* 2015, Dec 1;23(4):367-9.
- Risk factors for mortality in patients with staphylococcus aureus bloodstream infection. De Rosa FG, Corcione S, **Motta I**, Petrolo A, Filippini C, Pagani N, Fossati L, Cavallo R, Di Perri G. *J Chemoter* 2015 Oct 2.

- Wound botulism after traumatic open fracture in Italy. De Rosa FG, Stella ML, Astegiano S, Corcione S, **Motta I**, Decastelli L, Di Perri G. *Infez Med* 2015 Sept 1;23(3):280-2.
- Economic impact of antifungal treatment in IFD by *Candida* species: anidulafungin administration as a cost-effective alternative for critical care patients. Cattel F, Ancona F, Chiumente M, Miliacca A, **Motta I**, De Rosa FG. *Eur J Hosp Pharm*, 2014 Jun;21(3).
- Molecular epidemiology of methicillin-resistant *S. aureus* in the ICU setting. Corcione S, **Motta I**, Fossati L, Campanile F, Stefani S, Cavallo R, Di Perri G, Ranieri VM, De Rosa FG. *Intensive Care Med*. 2014 Mar 14.
- Anidulafungin versus fluconazole: clinical focus on IDSA and ESCMID guidelines. De Rosa FG, **Motta I**, Corcione S, Cattel F, Di Perri G, D'Avolio A. *Infez Med*. 2014 Jun 1;22(2):107-111.
- Effect of Single Nucleotide Polymorphisms of human ABCB1 on Daptomycin Pharmacokinetics in Caucasian Patients. Baietto L, D'Avolio A, Cusato J, Pace S, Calcagno A, **Motta I**, Corcione S, Di Perri G, De Rosa FG. *J Antimicrob Chemother*. 2014 Sept 18.
- Dried Plasma/Blood Spots for Monitoring Antiretroviral Treatment Efficacy and Pharmacokinetics: a Cross-sectional Study in Rural Burundi. Calcagno A, **Motta I**, Milia M, Rostagno R, Simiele M, Libanore V, Fontana S, D'Avolio A, Ghisetti V, Di Perri G, Bonora S. *Br J Clin Pharmacol*. 2014 Nov 6.
- Tenofovir plasma concentrations according to companion drugs: a cross-sectional study of HIV-positive patients with normal renal function. Calcagno A, Gonzalez de Requena D, Simiele M, D'Avolio A, Tettoni MC, Salassa B, Orofino G, Bramato C, Libanore V, **Motta I**, Bigliano P, Orsucci E, Di Perri G, Bonora S. *Antimicrob Agents Chemother*. 2013 Apr;57(4):1840-3.
- High Interpatient Variability of Raltegravir Cerebrospinal Fluid Concentrations in HIV-positive Patients: a Pharmacogenetic Analysis. Calcagno A, Cusato J, Simiele M, **Motta I**, Audagnotto S, Bracchi M, D'Avolio, A, Di Perri G, Bonora S. *J Antimicrob Chemother*. 2013 Aug 23.
- Epidemiology of bloodstream infections in patients with acute myeloid leukemia undergoing levofloxacin prophylaxis. De Rosa FG, **Motta I**, Audisio E, Frairia C, Busca A, Di Perri G, Marmont F. *BMC Infect Dis*. 2013 Dec 1;13(1):563.

Oral Presentations

- "What should we do about drug-resistant TB? Experience from TB-PRACTECAL trial" World TB day symposium, London School of Hygiene and Tropical Medicine, London 24/03/2018
- "Predicted HIV-1 Tropism on Plasma and Cerebrospinal Fluid is associated with Neurocognitive Disorders". Oral presentation at 9th Italian Conference on AIDS and

Antiviral Research (ICAR), Siena 12-14/06/2017.

- “HIV: an efficient prevention”. Oral presentation at 2nd Interdisciplinary Conference on HIV infection and Tuberculosis, Milan 18-19/03/2016.
- “Pharmacokinetics of First-line Antitubercular Drugs in Plasma and PBMCs and Two Week Antimicrobial Response.” Motta I, Calcagno A, Baietto L, Bigliano P, Costa C, Baruffi K, Fatiguso G, Milano R, D’Avolio A, Di Perri G, Ghisetti V, Bonora S. Poster Walk presentation at 55th ICAAC San Diego, 17-21/09/2015.
- “Clinical pharmacology of coinfection HIV/TB”. Oral presentation at 1st Interdisciplinary Conference on HIV infection and Tuberculosis, Milan 21-22/03/2014.
- “SNC involvement in HIV infection”. Oral presentation at 9th Residential Course on Clinical Pharmacology of Antiretrovirals, Turin 15-17/01/2014.
- “A district hospital in Burundi” Oral presentation at Course for Diploma in Tropical Medicine and Hygiene 2012 and 2013, London.
- “Retrospective analysis of 190 BSI from *S. aureus*”. Oral presentation at GRAM Awards, Rome 14/02/2013.
- “Epidemiology of blood stream infections in AML with levofloxacin prophylaxis”. Oral presentation at 11th IBAT, Naples 23-25/01/2013.

Workshop and conferences

- 49th Union World Conference on Lung Health, The Hague, 24-27/10/2018
- 28th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Madrid 21-24/04/2018
- World TB day symposium, London School of Hygiene and Tropical Medicine, London 24/03/2018
- International Consortium for Trails of Chemotherapeutic Agents in Tuberculosis Symposium St. George’s University of London, London 17/11/2017
- 30th Residential Summer Course in Epidemiology (EEPE), Florence 19/06-7/07/2017
- 9th Italian Conference on AIDS and Antiviral Research (ICAR), Siena 12-14/06/2017
- Tuberculosis Academy 2017 TBnet, Yerevan 14-17/05/2017
- 27th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Wien 22-25/04/2017
- Conference on Retroviruses and Opportunistic Infections (CROI) 2017, Seattle 13-16/02/2017
- 12th Residential course on clinical pharmacology of antiretrovirals, Turin January 2017
- ESCMID Postgraduate course “Difficult-To-Treat Mycobacterial Infections” Brac, 28-30/09/2016
- ESCMID Summer School Seville, 2-9/07/2016
- 26th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID),

- Amsterdam 9-12/04/2016
- 55th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), San Diego 17-21/09/2015
- EACCTB European Advanced Course in Clinical Tuberculosis 2015, Borstel 11-13/06/2015
- 11th Residential course on clinical pharmacology of antiretrovirals, Turin January 2016
- 4th European Clinical Research Course (ECReCo), EACS, Aix-en-Provence 31/08-03/09/2014
- Course on Tuberculosis for doctors operating in low/middle income countries, organized by STOP TB Italia, Djlol (Senegal) 10-14/02/2014
- 53rd Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Denver 10-13/09/2013
- Course ACLS ANMCO/AHA (Advanced cardiac life support), Refresh, Turin 28/09/2012
- Advanced course on tuberculosis: clinical, diagnostic and therapeutic aspects, Sondalo 16-21/04/2012
- Course ACLS ANMCO/AHA (Advanced cardiac life support), Turin 11-12/10/2010.
- ECDL Health Certificate, 04/06/2010
- Ultrasound training course held by Italian Society of Ultrasound in Medicine and Biology (S.I.U.M.B.), Turin, December 2009-June 2010
- Course on Public health and Health care services. Organized by CCM (Medical Collaboration Committee), Turin 08-12/05/2006

Prizes and Awards

- Winner of SITA (Italian Society of Antibiotic Therapy) fellowship in 2016-2018 for ongoing doctoral project: "Individualization of antitubercular treatment: evaluation of pharmacological determinants of treatment response"
- Winner of SIMIT (Italian Society of Infectious and Tropical Diseases) fellowship in 2015 (6 months) for research project in HIV, HCV and fungal infections
- Winner of "ASM (American Society of Microbiology) ID Fellows Program for young Scientist" at 55th ICAAC/ICC San Diego, 17-21/09/2015

Memberships

- Member of ESCMID study group on Mycobacterial Infections (ESGMYC)
- Member of SIMIT (Italian Society of Infectious and Tropical Diseases)
- Member of Directive Committee of StopTB Italia ONLUS

Personal skills and competences

ITALIAN	Mother tongue
ENGLISH	Upper intermediate level of spoken and written English (IELTS score 7.5, February 2018)
SPANISH	Excellent level of spoken and written Spanish (DELE, May 2004)
FRENCH	Good level of spoken and written French

Good competence with Windows (Word, Excel, Power Point), Macintosh, SPSS and STATA software. Personal interests: travels, learning languages, aerial circus arts and sewing.

Referees

Professor Giovanni Di Perri	Head of the Department of Infectious Diseases and of The Postgraduate School in Infectious Diseases University of Turin, Italy giovanni.diperri@unito.it
Dr Bern-Thomas Nyang'wa	Chief Investigator, TB-PRACTECAL trial, Medecins Sans Frontieres UK Bern.nyangwa@london.msf.org

Torino, 18/02/2019