

● WORK EXPERIENCE

04/01/2018 – 30/06/2019 – Atlanta, United States

VISITING RESEARCH SCHOLAR – EMORY UNIVERSITY, YERKES NATIONAL PRIMATE RESEARCH CENTER

HIV/AIDS research at Prof. Silvestri's Lab, Microbiology and Immunology Department.

Atlanta, Georgia

● EDUCATION AND TRAINING

09/2014 – 10/2016 – Rome

MASTER'S DEGREE IN GENETICS AND MOLECULAR BIOLOGY FOR BASIC AND BIOMEDICAL RESEARCH WITH 110/110 CUM LAUDE – "Sapienza" University of Rome

09/2009 – 07/2014 – Rome

DEGREE IN BIOLOGY WITH 104/110 – University "Sapienza"

09/2004 – 07/2009 – Rome

HIGH SCHOOL DIPLOMA IN CLASSICS WITH 100/100 – High school "Benedetto da Norcia, Via Saracinesco 18"

11/2016 – 31/10/2019 – Rome, Italy

PHD IN INFECTIOUS DISEASES – Department of Infectious Diseases, Sapienza University of Rome

02/03/2020 – 28/02/2021 – Rome, Italy

POST DOCTORAL FELLOWSHIP – Department of Infectious Diseases, Sapienza University of Rome, Policlinico Umberto I

02/01/2021 – CURRENT

POSTGRADUATE SPECIALIZATION IN MICROBIOLOGY AND VIROLOGY – Sapienza University of Rome

● LANGUAGE SKILLS

Mother tongue(s): ITALIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● COMMUNICATION AND INTERPERSONAL SKILLS

Communication skills

Team spirit and skills in teamwork and management in the perception of individual needs.

● ORGANISATIONAL SKILLS

Organisational skills

- Sense of organization (experience in logistics); ■ Good experience in project or team management.

● JOB RELATED SKILLS

Job-related skills

Basic lab skills: Preparation and processing of laboratory buffers, solutions, growth media; pipetting, titrations, microscopy.

Cell Biology skills: Transfection, reporter assay, cell counting, cell proliferation assay, cell culture, Isolation of T cell subsets, Isolation of PBMCs. Isolation of LPLs from GALT biopsies.

Virology skills: Multi-parametric Flow cytometry, infectivity assay and generation of pseudo-typed virus.

Immunology skills: ELISA assay, Western Blot

Molecular Biology skills: Transformation, Genomic DNA extraction, total RNA extraction, RT-PCR, PCR, Restriction digestion, agarose and polyacrylamide gel electrophoresis.

Microbial techniques: Techniques for establishment and maintenance of culture, isolation and identification of antibiotic sensitive bacteria, maintenance of microbiological strains, plasmid isolation from microbial cells, cloning and transformation (BSL2 grade). Viral Infection (BSL3 grade Laboratory)

Bioinformatics skills: Knowledge of computational and statistical analysis of biological systems by using softwares:SPSS-17 and GraphPad Prism 7; MS Office (Word, Excel, and PowerPoint).

● PUBLICATIONS

Challenges in the Management of SARS-CoV2 Infection: The Role of Oral Bacteriotherapy as Complementary Therapeutic Strategy to Avoid the Progression of COVID-19.

d'Ettorre G, Ceccarelli G, Marazzato M, Campagna G, **Pinacchio C**, Alessandri F, Ruberto F, Rossi G, Celani L, Scagnolari C, Mastropietro C, Trinchieri V, Recchia GE, Mauro V, Antonelli G, Pugliese F, Mastroianni CM. Front Med (Lausanne). 2020 Jul Impact Factor 3.9

Challenges in the management of HIV infection: update on the role of probiotic supplementation as a possible complementary therapeutic strategy for cART treated people living with HIV/AIDS.

Ceccarelli G, Statzu M, Santinelli L, **Pinacchio C**, Bitossi C, Cavallari EN, Vullo V, Scagnolari C, d'Ettorre G. Expert Opin Biol Ther. 2019 Sep. Impact Factor 3.974

Increased SAMHD1 transcript expression correlates with interferon-related genes in HIV-1-infected patients.

Statzu M, Santinelli L, Viscido A, **Pinacchio C**, Ceccarelli G, Rotondo C, Corano Scheri G, Mezzaroma I, Turriziani O, Antonelli G, d'Ettorre G, Scagnolari C. Med Microbiol Immunol. 2018 Dec 18. Impact Factor 3.202

Cognitive impairment and CSF proteome modification after oral bacteriotherapy in HIV patients.

Landi C, Santinelli L, Bianchi L, Shaba E, Ceccarelli G, Cavallari EN, Borrazzo C, **Pinacchio C**, Scagnolari C, Vullo V, Bini L, d'Ettorre G. J Neurovirol. 2020 Feb Impact Factor 2.354

Diagnostic Issues of Asymptomatic Neurosyphilis in HIV-Positive Patients: A Retrospective Study.

Ceccarelli G, Borrazzo C, Lazzaro A, Innocenti GP, Celani L, Cavallari EN, **Pinacchio C**, Santinelli L, Mastroianni CM, d'Ettorre G. Brain Sci. 2019 Oct Impact Factor 3.332

Systemic adipokines, hepatokines and interleukin-6 in HCV-monoinfected and HCV/HIV coinfecting patients treated with direct antiviral agents (DAAs).

Pavone P, Alfieri G, Corano-Scheri G, **Pinacchio C**, Fard SN, Mascia C, Tieghi T, Lichtner M, d'Ettorre G, Vullo V, Mastroianni CM. Clin Res Hepatol Gastroenterol. 2018 Jun. Impact Factor 2.623

Increased IL-17 and/or IFN- γ -producing T-cell subsets in gut mucosa of long-term-treated HIV-1-infected women.

d'Ettorre G, Borrazzo C, **Pinacchio C**, Santinelli L, Cavallari EN, Statzu M, Fanello G, Ceccarelli G, Antonelli G, Vullo V, Mastroianni CM, Scagnolari C. AIDS. 2019 Mar 15. Impact Factor 4.499

Increased expression of IL-32 correlates with IFN- γ , Th1 and Tc1 in virologically suppressed HIV-1-infected patients.

Santinelli L, Statzu M, Pierangeli A, Frasca F, Bressan A, **Pinacchio C**, Nonne C, Turriziani O, Antonelli G, d'Ettorre G, Scagnolari C. Cytokine. 2019 Aug; Epub 2019 Mar 23. Impact Factor 3.488

Type I/II Interferon in HIV-1-Infected Patients: Expression in Gut Mucosa and in Peripheral Blood Mononuclear Cells and Its Modification upon Probiotic Supplementation.

Pinacchio C, Scheri GC, Statzu M, Santinelli L, Ceccarelli G, Innocenti GP, Vullo V, Antonelli G, Brenchley JM, d'Ettorre G, Scagnolari C. J Immunol Res. 2018 Aug 12. Impact Factor 3.298

Modulation of Tryptophan/Serotonin Pathway by Probiotic Supplementation in Human Immunodeficiency Virus-Positive Patients: Preliminary Results of a New Study Approach

Scheri GC, Fard SN, Schietroma I, Mastrangelo A, **Pinacchio C**, Giustini N, Serafino S, De Girolamo G, Cavallari EN, Statzu M, Laghi L, Vullo A, Ceccarelli G, Vullo V, d'Ettorre G. Int J Tryptophan Res. 2017 May 30. Impact Factor 1.546

Impact of High-Dose Multi-Strain Probiotic Supplementation on Neurocognitive Performance and Central Nervous System Immune Activation of HIV-1 Infected Individuals.

Ceccarelli G, Brenchley JM, Cavallari EN, Scheri GC, Fratino M, **Pinacchio C**, Schietroma I, Fard SN, Scagnolari C, Mezzaroma I, Vullo V, d'Ettorre G. Nutrients. 2017 Nov 21. Impact Factor 4.196

Direct-acting antiviral therapy enhances total CD4+ and CD8+ T-cells responses, but does not alter T-cells activation among HCV mono-infected, and HCV/HIV-1 co-infected patients.

Najafi Fard S, Schietroma I, Corano Scheri G, Giustini N, Serafino S, Cavallari EN, **Pinacchio C**, De Girolamo G, Ceccarelli G, Scagnolari C, Vullo V, d'Ettorre G. Clin Res Hepatol Gastroenterol. 2018 Sep. Impact Factor 2.623

Probiotics Differently Affect Gut-Associated Lymphoid Tissue Indolamine-2,3-Dioxygenase mRNA and Cerebrospinal Fluid Neopterin Levels in Antiretroviral-Treated HIV-1 Infected Patients: A Pilot Study.

Scagnolari C, Corano Scheri G, Selvaggi C, Schietroma I, Najafi Fard S, Mastrangelo A, Giustini N, Serafino S, **Pinacchio C**, Pavone P, Fanello G, Ceccarelli G, Vullo V, d'Ettorre G. Int J Mol Sci. 2016 Sep 27;17(10). Impact Factor 3.226

Preventing influenza and influenza like illness during Covid-19 pandemic: A call for action.

d'Ettorre G, Ceccarelli G, **Pinacchio C**, Ciccozzi M, d'Ettorre G. Early Hum Dev. 2020 Aug Impact Factor 2.169

Ozone as adjuvant support in the treatment of COVID-19: A preliminary report of probiozovid trial.

Araimo F, Imperiale C, Tordiglione P, Ceccarelli G, Borrazzo C, Alessandri F, Santinelli L, Innocenti GP, **Pinacchio C**, Mauro V, Recchia GE, Zanca S, Calò A, Poscia R, Ruberto F, d'Ettorre G, Bilotta F, Mastroianni C, Pugliese F. J Med Virol. 2020 Oct Impact Factor 2.049

Analysis of type I IFN response and T cell activation in severe COVID-19/HIV-1 coinfection: A case report.

d'Ettorre G, Recchia G, Ridolfi M, Siccardi G, **Pinacchio C**, Innocenti GP, Santinelli L, Frasca F, Bitossi C, Ceccarelli G, Borrazzo C, Antonelli G, Scagnolari C, Mastroianni CM. Medicine (Baltimore). 2020 Sep Impact Factor 2.133

Physical Activity and HIV: Effects on Fitness Status, Metabolism, Inflammation and Immune-Activation

Ceccarelli G, **Pinacchio C**, Santinelli L, Adami PE, Borrazzo C, Cavallari EN, Vullo A, Innocenti GP, Mezzaroma I, Mastroianni CM, d'Ettorre G. AIDS Behav. 2019 Apr 23. Impact Factor 3.312

Preliminary Attempt to Predict Risk of Invasive Pulmonary Aspergillosis in Patients with Influenza: Decision Trees May Help?

Bellelli V, Siccardi G, Conte L, Celani L, Congeduti E, Borrazzo C, Santinelli L, Innocenti GP, **Pinacchio C**, Ceccarelli G, Venditti M, d'Ettorre G. Antibiotics (Basel). 2020 Sep 26 Impact Factor 2.921

High abundance of genus Prevotella is associated with dysregulation of IFN-I and T cell response in HIV-1-infected patients.

Pinacchio C, Scagnolari C, Iebba V, Santinelli L, Innocenti GP, Frasca F, Bitossi C, Scordio M, Oliveto G, Ceccarelli G, Antonelli G, Mastroianni CM, d'Ettorre G. AIDS. 2020 Aug Impact Factor 4.511

Innate, non-cytolytic CD8+ T cell-mediated suppression of HIV replication by MHC-independent inhibition of virus transcription.

Zanoni M, Palesch D, **Pinacchio C**, Statzu M, Tharp GK, Paiardini M, Chahroudi A, Bosinger SE, Yoon J, Cox B, Silvestri G, Kulpa DA. PLOS Pathog. 2020 Sep Impact Factor 6.218

Modulation of Phenylalanine and Tyrosine Metabolism in HIV-1 Infected Patients with Neurocognitive Impairment: Results from a Clinical Trial.

Innocenti GP, Santinelli L, Laghi L, Borrazzo C, **Pinacchio C**, Fratino M, Celani L, Cavallari EN, Scagnolari C, Frasca F, Antonelli G, Mastroianni CM, d'Ettorre G, Ceccarelli G. Metabolites 2020 Impact Factor 3.303

Oral Bacteriotherapy in Patients With COVID-19: A Retrospective Cohort Study.

2021

Ceccarelli G, Borrazzo C, Pinacchio C, Santinelli L, Innocenti GP, Cavallari EN, Celani L, Marazzato M, Alessandri F, Ruberto F, Pugliese F, Venditti M, Mastroianni CM, d'Ettorre G. Front Nutr. 2021 Impact Factor 3.365

Hepatitis C Virus and Hepatocellular Carcinoma: Pathogenetic Mechanisms and Impact of Direct-Acting Antivirals

Ivan Schietroma, Giuseppe Corano Scheri , Claudia Pinacchio , Maura Statzu , Arnolfo Petruzzello , Vincenzo Vullo. Open Virol J. 2018.

● CONFERENCES AND SEMINARS

Conferences:

- 7th BeMM Symposium Biology and Molecular Medicine PhD Schools , University "sapienza", Rome, Italy, November 18 2016
- 3rd Annual Conference on the Selected Hot Topics of CROI Bologna, Royal Hotel Carlton, March 1-2, 2017
- 9th edition of the ICAR Conference, Siena June 12-14, 2017.
- Conference on Retroviruses and Opportunistic Infections (CROI), Seattle, WA, March 4-7 2019

● BOOK CHAPTERS

Book Chapters

Ceccarelli G, Ascoli Bartoli T, Corano Scheri G, De Girolamo G, **Pinacchio C**, Cavallari EN, Vullo A, Scagnolari C, d'Ettore G Probiotics in HIV infection. 2018pp. 186-193. In: Trends in Probiotic Applications. Hary Razafindralambo. Studium Press LLC, USA

● ABSTRACT AND POSTERS

Abstracts and Posters

- Pinacchio C*, Scheri Corano G, Cavallari EN, Santinelli L, Giuseppe P. Innocenti GP, Stazu M, Scagnolari C, d'Ettore G, Vullo V. "Toll like receptors, type I/III interferon and retroviral restriction factors in HIV-1 infected patients: expression in gut mucosa and in peripheral blood mononuclear cells and their modification upon probiotics supplementation" Italian Conference on AIDS and Retroviruses (ICAR), Siena, Italy, 2017 (Oral Communication)
- Zanoni M*, Palesch D, Pinacchio C, Kulpa DA, Silvestri G "TCR-Activated CD8+ T cells Reduce HIV Production by Autologous Infected CD4+ T Cells and Facilitate Transition to Latent Infection" Conference on Retroviruses and Opportunistic Infections (CROI), Seattle, WA, 2019 (Poster)
- Pinacchio C*, Laghi L, Rossi G, Cavallari EN, Santinelli L, Giuseppe P. Innocenti GP, Vassalini P, Ceccarelli G, Scagnolari C, d'Ettore G, Vullo V. "Modulation of gut microbiota improves mucosal permeability in HIV+ patients" Conference on Retroviruses and Opportunistic Infections (CROI), Seattle, WA, 2019 (Poster)

● DICHIARAZIONE DEL CONSENSO AL TRATTAMENTO DEI DATI

Consenso

Roma, 16/02/2021

Autorizzo il trattamento dei miei dati personali ai sensi e per gli effetti del "Regolamento Generale sulla Protezione dei Dati" (GDPR) n. 2016/679 UE e per la parte applicabile al Codice Privacy D. Lgs. n. 196 del 30 giugno 2003.

"Ai fini della pubblicazione in ottemperanza del D.Lgs. 33/2013"