



Matteo Fracella


Nationality: Italian

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Date of birth: 20/04/1997

Gender: Male

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WORK EXPERIENCE

PhD in "Medicina Sperimentale"

Department of Molecular Medicine, Sapienza University of Rome, Italy. [01/11/2021 – Current]

City: Rome

Country: Italy

Laboratory training

Sapienza University of Rome, Italy [2020 – 2021]

City: Roma

Country: Italy

Training for experimental Master's Degree thesis at Department of Molecular Medicine, Laboratory of Virology, SAPIENZA, Rome. Title of thesis: " Infezione di MmuPV1 su cheratinociti di topo come modello per lo studio di geni associati all'Interferon nel controllo della replicazione del papillomavirus ".

Laboratory training

Università del Salento, Italy [2016 – 2016]

City: Lecce

Country: Italy

Training for experimental Bachelor's Degree thesis at Anatomia Comparata e Citologia, Università del Salento, Lecce. Title of thesis: "Vescicole extracellulari: attività immuno-modulatoria dei macrofagi in condizioni di stress iperglicemia"

EDUCATION AND TRAINING

Master's Degree - "Genetica e Biologia Molecolare" (110/110 e lode)

Sapienza University of Rome, Italy [2021]

Address: (Italy)

Bachelor's Degree - "Scienze Biologiche" (108/110)

Università del Salento, Italy [2019]

Address: Lecce (Italy)

High School Diploma (100/100)

Liceo Scientifico Galileo Galilei, Nardò (LE) [2016]

Address: Nardò (Italy)

LANGUAGE SKILLS

Mother tongue(s): **Italian**

Other language(s):

inglese

LISTENING B2 READING B2 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

DIGITAL SKILLS

Microsoft Word / Microsoft Excel / Google Drive / Microsoft Powerpoint

COMMUNICATION AND INTERPERSONAL SKILLS

Interpersonal skills

Good interpersonal skills acquired during laboratory training and as a PhD student during teaching activities to Master's Degree students

MAIN RESEARCH TOPICS

Scientific topics

Host-virus interaction; antiviral immunity with focused attention to IFN pathways and cell-mediate responses in acute and chronic viral infection; principal viruses investigated: human papillomavirus (HPV); respiratory viruses [e.g. respiratory syncytial virus (RSV), rhinovirus (HRV) and coronaviruses, including SARS-CoV-2].

PUBLICATIONS

1. Sorrentino L, Silvestri V, Oliveto G, Scordio M, Frasca F, Fracella M, Bitossi C, D'Auria A, Santinelli L, Gabriele L, Pierangeli A, Mastroianni CM, d'Ettorre G, Antonelli G, Caruz A, Ottini L, Scagnolari C. Distribution of Interferon Lambda 4 Single Nucleotide Polymorphism rs11322783 Genotypes in Patients with COVID-19. *Microorganisms*. 2022 Feb 4;10(2):363. doi:10.3390/microorganisms10020363. PMID: 35208821; PMCID:PMC8876137.

[2022]

CONFERENCES AND SEMINARS

(Poster) 32° European Congress of Clinical Microbiology and Infectious Diseases (2022): How bacterial vaginosis influence the innate immune response to HPV in cervical cells.

Matteo Fracella, Mirko Scordio, Leonardo Sorrentino, Federica Frasca, Giuseppe Oliveto, Agnese Viscido, Federica Di Lella, Massimo Gentile, Carolina Scagnolari, Valeria Pietropaolo, Nadia Recine, Guido Antonelli, Alessandra Pierangeli.

Role: presenting author

(Oral Poster) XLIX CONGRESSO NAZIONALE AMCLI (2022): Dysregulation of IFN pathways in anal cells from HIV-1 men during HPV infection.

Matteo Fracella, Mirko Scordio, Leonardo Sorrentino, Federica Frasca, Giuseppe Oliveto, Agnese Viscido, Letizia Santinelli, Eugenio Nelson Cavallari, Gabriella D'Ettoire, Paolo Gozzo, Guido Antonelli, Carolina Scagnolari, Alessandra Pierangeli.

Role: presenting author