**XI Seminar – PhD Day**

**COVID-19: Facing a multi(face)phase pandemic**

September 17 and 24,  
October 1 and 8, 2020  

Virtual Meeting  
organized by  

ISTITUTO SUPERIORE DI SANITÀ  
Training Office  

SAPIENZA UNIVERSITÀ DI ROMA  
Department of Public Health and Infectious Diseases

N° ID: 074R20

**Relevance**  
After so many editions, the PhD Day represents a traditional, successful event in the activities of the PhD in Infectious diseases, microbiology and public health. The 11th Seminar of PhD students has been delayed and will be carried out online, due to the recent COVID-19 pandemic. Indeed, this tragical event, that has dramatically affected people’s life all over the world, will be the core of the topics considered.

**Objectives**  
The event aims at encouraging sharing and spreading the PhD students’ results and research projects. Their works will be presented as either oral communications or abstracts. This will permit to a wide audience to get in touch with the most updated researches in the field.

**Structure**  
The Seminar will be held online on Google Meet platform and it will be scheduled in four days, each characterized by an in-depth analysis of topics related to the pandemic, such as the establishment of predictive models, the clinical, diagnostic and anatomopathological aspects, the effects of social distancing and the impact of the pandemic on the socially less-favoured people.
PROGRAMME

Thursday, September 17, 2020

8.30  Log into the platform

PRELIMINARY WELCOME
Alfonso Mazzaccara  
Training Office, Istituto Superiore di Sanità, Rome, Italy
Anna Rita Vestri, Paolo Villari, Stefano D’Amelio  
Department of Public Health and Infectious Diseases, Sapienza University of Rome, Rome, Italy

Session 1
EPIDEMIOLOGICAL AND MATHEMATICAL MODELLING OF SARS-CoV-2 INFECTION
Chairpersons: Arianna Di Rocco, Ilaria Bellini

9.00  Lecture
Surveillance of Covid-19 in Italy  
Patrizio Pezzotti

9.30  Lecture
Nowcasting the Italian epidemic outbreak of SARs-CoV-2  
Alessio Farcomeni

10.00  Lecture
The study of Covid-19 in small municipalities and the problem of communicating scientific results to a large audience  
Giovanna Jona Lasinio

PHD CANDIDATES’ COMMUNICATIONS (10.30-13.30)

Unexpected increase of myocardial extracellular volume fraction in low cardiovascular risk HIV patients: a new cardiovascular risk marker?  
Cristian Borrazzo

The effect of physical activity on lifestyle and quality of life in patients with Alzheimer’s disease  
Shima Gholamalishahi

Validation of a score system in the management of litigation related to healthcare-related infections. Applicability in the context of private health  
Vittorio Gatto

Patient involvement in research: the role of cystic fibrosis patient organizations across Europe  
Luigi Graziano

Neurotoxic compounds in freshwater: a new rapid toolscreen with zebrafish embryo  
Ines Lacchetti

Occurrence, distribution and ecology of Anopheles mosquitoes and risk of malaria re-emergence in Italy  
Fabrizio Montarsi
Local policies for access to healthcare of migrants in Italy. A subset of indicators monitoring regional implementation of national law
Valentina Pettinicchio

Population risk assessment to the atmospheric particulate in Terni area by high spatial resolution mapping of the sources contributions
Eva Pietrantonio

Epidemiological study of HEV prevalence in patients suffering from Amyotrophic Lateral Sclerosis (ALS) or Chronic Inflammatory Demyelinating Polynuropathy (CIDP)
Marco Rivano Capparuccia

COVID-19 control: lessons from the “Palazzo Pecile” outbreak in Rome
Annalisa Rosso

Identification of human cytochrome P450 isoforms in phosmet bioactivation and metabolic interactions with chlorpyrifos
Nicoletta Santori

E-Learning courses at Italian national Institute of Health: characteristic of dropout participants
Nordino Sulemane

Mathematical modelling of flying-mosquitoes dispersal: a PDE based approach
Chiara Virgillitto

Thursday, September 24, 2020

8.30 Log into the platform

PRELIMINARY WELCOME
Anna Teresa Palamara, Claudio Maria Mastroianni, Stefano D’Amelio
Department of Public Health and Infectious Diseases, Sapienza University of Rome, Rome, Italy

Session 2
CLINICAL AND IMMUNOLOGICAL FEATURES OF COVID-19
Chairpersons: Sara Buezo Montero, Valentina Perri

9.00 Lecture
Immune response to SARS-CoV-2: pros and cons
Andrea Cossarizza

9.30 Lecture
Phase I and entering the next phases of Covid-19: microbiological and public health aspects
Paola Stefanelli

PHD CANDIDATES’ COMMUNICATIONS (10.30-13.30)

In-vitro study of the synergistic activity of n-acetylcysteine associated with β-lactam antibiotics against New Delhi metallo-beta-lactamase producing Enterobacteriaceae
Dania Al Ismail
Validation of human IgG response to Aedes salivary proteins as a novel markers of human exposure to Aedes albopictus  
Sara Buezo Montero

Genotypic and phenotypic characterization of staphylococci from atopic dermatitis patients  
Antonietta Lucia Conte

Personalised exercise training programme for HIV-infected patients: effects on exercise tolerance and immune activation  
Marcello Di Paolo

Impact of chlamydia trachomatis on human Sertoli cells in the etiopathogenesis of male infertility  
Simone Filardo

Impact of antiretroviral therapy on gut CD4 T cells activation: differences between naïve and long-term treated HIV-1 infected patients  
Giuseppe Pietro Innocenti

Glia-neuron crosstalk during HSV-1 infection  
Olga Kolesova

Evolution of fibrosis indexes, liver function and carbohydrate and lipid metabolism in patients with chronic hepatitis C who have eradicated the infection  
Simone Lanini

Psycosexual health and systemic, mucosal immune activation in HIV-infected art suppressed and uninfected women: evaluation of biomarkers and environmental stimuli  
Parni Nijhawan

Studying of extracellular proteins of Aspergillus  
Anastasia Orekhova

Ureaplasma spp Infection in Solid Organ Transplant: Prospective Clinical Study  
Paolo Pavone

Infectious risk in Ocrelizumab-treated multiple sclerosis patients  
Valentina Perri

Limited impact of Long Lasting Insecticide Treated Nets (LLINs) on malaria transmission in a rural village of Burkina Faso: the role of mosquito behavioural plasticity  
Eleonora Perugini

First draft of a miRNA catalogue from Anisakis Pegreffii infective third-stage larvae and exosomes-enriched fraction  
Antonella Pizzarelli

Lactoferrin against inflammatory and iron disorders in different infection models  
Luigi Rosa

Gram-negative septic thrombosis in critically ill patients: a retrospective case-control study  
Martina Spaziante

The burden of infections in severely injured trauma patients admitted to the intensive care unit  
Tiziana Tieghi
Characterization of invasive Neisseria meningitidis serogroup C isolated in Italy
Paola Vacca

Thursday, October 1, 2020

8.30 Log into the platform

PRELIMINARY WELCOME
Ciro Villani
Department of Human anatomy, Histology, Forensic medicine and Orthopedics, Sapienza University of Rome, Rome, Italy
Vittorio Fineschi
Department Section of Medical Law, Sapienza University of Rome, Rome, Italy
Stefano D’Amelio
Department of Public Health and Infectious Diseases, Sapienza University of Rome, Rome, Italy

Session 3
COVID-19 LEGAL ISSUES
Chairpersons: Livia Besi, Felice Marco Damato, Roberta Tittarelli

9.00 Lecture
Science that lights up the dark: the contribution of Pope John XXIII Hospital in the battle against COVID-19
Andrea Gianatti

9.30 Lecture
Hospital emergency assistance procedures for victims of violence and abuse: the experience of Sant’Andrea Hospital before and after lockdown
Simona Abate

PHD CANDIDATES’ COMMUNICATIONS (10.00-13.00)

Caffeine consumption in professional, amateur athletes and cadaver, as representative of general population: toxicological evidences, co-use of other substances and potential mechanisms of damage
Simone Cappelletti

Effect-based methods for monitoring and assessment of aquatic ecosystems
Mario Carere

Correlations between Rorschach and WAIS-IV in subjects with intellectual disability
Felice Marco Damato

Review about application of law 24/2017 (Gelli) during the first three years since its entry in force
Umberto De Gennaro

Multiple implications of Post Mortem Computed Tomography (PMCT) in the forensic approach to charred bodies
Massimiliano Dell’Aquila
Patient safety: claims analysis and clinical risk management
Mariantonia Di Sanzo

Regulation of miRNAs as a new tool for cutaneous vitality lesions demonstration in ligature marks in deaths by hanging
Aniello Maiese

Exhumation of unidentified bodies at the cemetery of Rome: ongoing identification
Chantal Milani

Sudden Cardiac Death (SCD): looking for predictive genetic markers
Angelo Montana

Post-Mortem Cardiac-Magnetic Resonance (PMCMR): a novel diagnostic tool in Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC)
Alessandro Santurro

The fear of the unknown: the impact of COVID-19 lockdown on the use of legal and illegal psychotropic substances
Robertta Tittarelli

Toxicological and legal aspects on road safety
Fabio Vaiano

Thursday, October 8, 2020

8.30 Log into the platform

PRELIMINARY WELCOME
Maurizio Marecca, Paolo Villari, Stefano D’Amelio
Department of Public Health and Infectious Diseases, Sapienza University of Rome, Rome, Italy

Session 4
THE IMPACT OF THE COVID-19 PANDEMIC ON HUMAN RIGHTS
Chairpersons: Giulia Civitelli, Giulia Marchetti

9.00 Lecture
Diseguaglianze in salute e pandemia da Sars-Cov-2
Giuseppe Costa

9.30 Lecture
Tutela della salute dei migranti e pandemia da Sars-Cov-2
Salvatore Geraci

PHD CANDIDATES’ COMMUNICATIONS (10.00-13.00)

Gender differences and occupational factors for the risk of obesity in the Italian working population
Giovanna Adamo
Integrating climate and environment public datasets in surveillance for early warning  
Laura Amato

Global health education in Italian universities  
Giulia Civitelli

Mass spectrometric specific detection of Polycyclic Aromatic Hydrocarbons (PAH) in GC/MS-NCI without using auxiliary ionization gas. A method for the analytical determination of PAH correlated with their carcinogenicity  
Ettore Guerriero

Immunization challenges targeting newly arrived migrants  
Giulia Marchetti

National monitoring system for patient safety in Italy, consensus based approach and data sources integration  
Daniele Mipatrini

Implementing health technology assessment for genomic technologies in Italy: network, pathways and methodology  
Erica Pitini

Assessment of the social impact of subjective stress in different work populations compared  
Carmina Sacco

Determinants of adherence to ART in HIV+ women enrolled in PMTCT program in west and north regions of Cameroon  
Armand Tiotsia Tsapi

New synthetic opioids: development of analytical methods for their characterization and quantification by means of (U) HPLC-HRMS/MS  
Flaminia Vincenti

The evaluation of palliative care and the needs in primary health care in the city of Vlore  
Juljana Xhindoli

KEYNOTE SPEAKERS
Simona Abate – Emergency Unit, Sant'Andrea Polyclinics, Rome, Italy
Andrea Cossarizza - Department of Medical and Surgical Sciences, University of Modena and Reggio Emilia, Modena, Italy
Giuseppe Costa - Department of Biological and Clinical Sciences, University of Turin, Turin, Italy
Alessio Farcomeni - Department of Economy and Finance, University Tor Vergata, Rome, Italy
Salvatore Geraci - Caritas, Rome, Italy
Andrea Gianatti – Department of Anatomopathology, Papa Giovanni XXIII Hospital, Bergamo, Italy
Giovanna Jona Lasinio - Department of Statistical Sciences, Sapienza University of Rome, Rome, Italy
Patrizio Pezzotti - Department of Infectious Diseases, Italian National Institute of Health, Rome, Italy
Paola Stefanelli - Department of Infectious Diseases, Italian National Institute of Health, Rome, Italy
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Department of Anatomical, Histological, Locomotor and Legal Medicine Sciences
Sapienza University of Rome, Italy
GENERAL INFORMATION

Venue
The Seminar will take place on Google Meet online platform.

Target audience
The Seminar is addressed to National Health Service, University and Research personnel and to PhD students of the School of Molecular Biology and Medicine.

Registration
Participation is free of charge. Registration is not required. A maximum of 240 participants will be admitted.

Satisfaction questionnaire
Participants will be kindly requested to fill an online satisfaction questionnaire.

Attendance certificate
Participants willing an attendance certificate are kindly requested to apply for it to the Organizing Staff. Certifications will be provided to those who will be proved to have been logged on the platform for at least 75% of the entire duration of the Seminar.

For any further information, please contact either the Scientific Staff or the Organizing Staff.

QUESTE SONO LE INFORMAZIONI GENERALI IN ITALIANO PREVISTE PER GLI EVENTI ISS DA REMOTO

INFORMAZIONI GENERALI

Svolgimento: l’evento sarà fruibile online. I link oer il collegamento sono disponibili alla pagina web dei seminari del dottorato:
https://phd.uniroma1.it/web/covid-19-facing-a-multifacephase-pandemic_nS1940IT_IT.aspx

Destinatari dell’evento e numero massimo di partecipanti
L’evento è destinato al personale di enti ed istituzioni sanitarie e di ricerca interessato a..... Saranno ammessi un massimo di 240 partecipanti.

Modalità di iscrizione
Non è necessaria l’iscrizione.La partecipazione all’evento è gratuita.

Attestati
Al termine della manifestazione, ai partecipanti che avranno seguito l’evento per almeno il 75% della sua durata, sarà rilasciato un attestato di partecipazione.
Per ogni informazione si prega di contattare la Segreteria Scientifiche/Organizzativa ai numeri sopra indicati.
Data         Il Responsabile dell'evento          Il Direttore del Dip/Centro/Serv

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Autorizzazione del programma

Il sottoscritto Silvio Brusaferro, in qualità di Legale Rappresentante dell’Istituto Superiore di Sanità, struttura organizzatrice di eventi formativi, autorizza l’evento dal titolo:

XI Seminar – PhD Day

COVID-19: Facing a multi(face)phase pandemic

Data                                 Il Presidente dell'Istituto

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SI RICORDA DI FORNIRE I CV EUROPEI AGGIORNATI DI DOCENTI E RELATORI.