



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

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

Shima Gholamalishahi

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

Vittorio Gatto

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

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 Polyneuropathy (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

Roberta Tittarelli

Toxicological and legal aspects on road safety

Fabio Vaiano

Thursday, October 8, 2020

8.30 Log into the platform

PRELIMINARY WELCOME

Maurizio Marceca, 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 Policlinics, 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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Sapienza University of Rome, Italy



GENERAL INFORMATION

Venue

The Seminar will take place on Google Meet online platform, at the link to the PhD Seminars' web page https://phd.uniroma1.it/web/covid-19-facing-a-multifacese-phase-pandemic_nS1940IT_IT.aspx

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, available, at the end of the Seminar, on the PhD Seminars' web page.

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.