

## DIAGNOSTICS:

9:30

Prof. Stefano Guido - «Miniaturized device to detect viral sequences in bed-side testing»

Prof. Giovanni Paoella, Angelo Boccia - «Computational analysis of Sars-Cov-2 genome and its evolution»

DISCUSSION

## GENETICS:

10:10

Prof. Mario Capasso - «Uncovering the underlying genetic factors associated with COVID-19 host susceptibility»

Prof. Ettore Capoluongo - «Microbiome and COVID»

DISCUSSION

10:40-11:00 Coffee Break

## THERAPY:

I section 11:00

Prof. Roberto Berni Canani - «Postbiotics for COVID-19»

Prof. Claudia De Lorenzo - «Generation of human neutralizing mAbs specific for Spike-RBD of SARS-CoV-2: advantages, caveats and perspectives»

Prof. Michela Grosso - «Identification of new analogs of chloroquine and hydroxychloroquine endowed with less toxicity and enhanced therapeutic efficacy against SARS-CoV-2»

Prof. Caterina Missero, Ludovica D'Auria - «Organoids studies in alveolar lung regeneration»

DISCUSSION

II section : 12:00

Prof. Domenico Salvatore - «Role of thyroid hormone in treating lung fibrosis and pneumonia»

Prof. Massimo Zollo, Veronica Ferrucci, Pasqualino De Antonellis – «Sars-Cov-2, from basic to translation and therapy»

Prof. Francesco Broccoli - «Fourth wave: it's time for change»

DISCUSSION

Conclusions and Remarks