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# **BASIC SCIENCES SEMINARS Program**

**PhD Courses of the School of Medicine, Cycle 36°**

**Padua, May 12, 2021**

Topic **“Big data and artificial intelligence in COVID-19 research”**

**14:00 Welcome and General introduction**

*Annalisa Angelini*

CHAIRPERSONS:

Cristina Canova, Dolores Catelan, Dario Gregori

**14:10 “Predictive modelling of clinical outcome in  
COVID-19 patients”**

*Giulia Lorenzoni*

*Unit of Biostatistics, Epidemiology and Public  
Health, University of Padova*

**14:50 “Use of health claims in evaluating safety of  
SARS-COV-2 vaccines”**

*Ileana Baldi*

*Unit of Biostatistics, Epidemiology and Public  
Health, University of Padova*

**15:30 “Short-terms forecasting COVID-19 Intensive  
Care Units Occupancy Rates via ETS  
models”**

*Danila Azzolina*

*Department of Medical Science, University of  
Ferrara*

**16:10 “Predicting COVID-19 epidemic behavior via  
Deep Learning approaches”**

*Paola Berchiolla*

*Department of Biological and Clinical Science,  
University of Torino*

**16:50 Discussion and closing remarks**



<https://unipd.zoom.us/j/83041490709?pwd=MWZ4OFpKdXZsR3Vib2dadGlzcU5ndz09>

Meeting ID: 830 4149 0709, Passcode: 102742