JO. BAPTISTÆ
MORGAGNI
P. P. P. P.
DE SEDIBUS ET CAUSIS
MORBORUM
PER ANATOMEN INDAGATIS
LIBRI QUINQUE.

26 September 2022 - Topic 1: Evidence Synthesis and Causal Inference in Epidemiology
Moderator: **Annibale Biggeri** – Professor of Medical Statistics – University of Padova, IT
Speakers: **Francesco Forastiere**, Imperial College London, UK and CNR, IT
Neil Pearce, LSHTM, UK
Alessandra Mattei, University of Firenze, IT
Fabrizia Mealli, University of Firenze, IT

27 September 2022 - Topic 2: Biomarkers and Genetic Epidemiology
Moderator: **Cristina Canova** - Professor of Medical Statistics – University of Padova, IT
Topic Introduction: **Luca Vedovelli** – Post-Doc Fellow in Biostatistics, University of Padova, IT
Speakers: **Paul Brennan**, IARC, FR
Cristian Pattaro, EURAC Research, IT
Gianluca Severi, University of Firenze, IT
Frank B Hu, Harvard University, USA

28 September 2022 - Topic 3: Citizen Science
Moderator: **Matteo Martinato** – Post-Doc Fellow in Medical Statistics – University of Firenze, IT
Speakers: **Cinzia Colombo**, Istituto Mario Negri, IT
Antonella Ficorilli, Sapienza University of Roma, IT
Florence Gignac, ISGlobal , SP
Frederique Floering, Utrecht University , NL

29 September 2022 - Topic 4: Geographical Epidemiology
Moderator: **Dolores Catelan** – Professor of Medical Statistics – University of Padova, IT
Speakers: **Peter Diggle**, Lancaster University, UK
Renato Assunção, Universidade Federal de Minas Gerais, Belo Horizonte, BR
Giovenale Moirano, University of Torino, IT
Konstantinoudis Garyfallos, Imperial College London, UK

30 September 2022 - Topic 5: Environmental epidemiology
Moderator: **Francesco Sera** – Research Associate in Medical Statistics – University of Firenze ,IT
Speakers: **Chava Peretz**, Tel Aviv University , IL
Antonio Gasparrini, LSHTM, UK
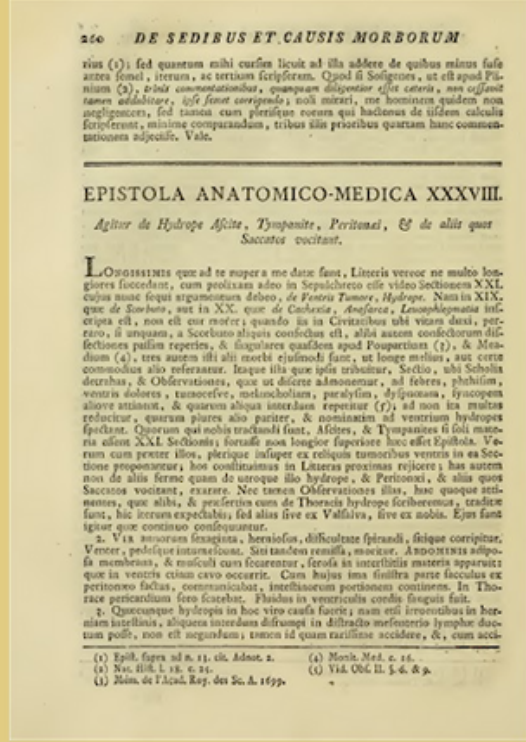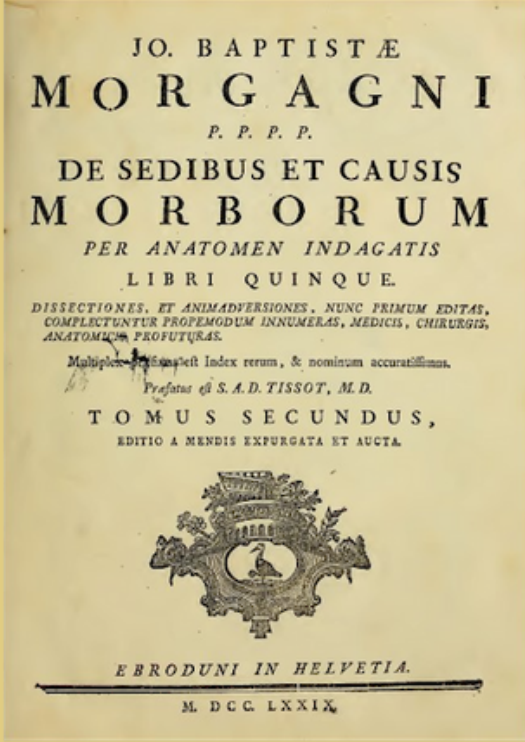**Silvia Maritano**, University of Torino, IT

PhD course Translational Specialistic Medicine 'G.B. Morgagni'

SUMMER SCHOOL 26-30 SEPTEMBER 2022
02:00-05:20 PM C.E.S.T. TIME
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"SHAPING A WORLD-CLASS UNIVERSITY - BIOSTATISTICS AND EPIDEMIOLOGICAL METHODS"

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26 September 2022
Topic 1: Evidence Synthesis and Causal Inference in Epidemiology

Moderator: *Annibale Biggeri, Professor of Medical Statistics – University of Padova – IT*

02:00–02:20 pm **Topic Introduction**

02:20–03:00 pm
Evidence Synthesis in Epidemiology
Francesco Forastiere, Imperial College London – UK, CNR Consiglio Nazionale delle Ricerche – IT

03:00–03:40 pm
Causal Inference in Epidemiology
Neil Pearce, LSHTM London School of Hygiene & Tropical Medicine – UK

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Causal Inference I
Alessandra Mattei, University of Firenze – IT

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Causal Inference II
Fabrizia Mealli, University of Firenze – IT

05:00–05:20 pm **Floor discussion**

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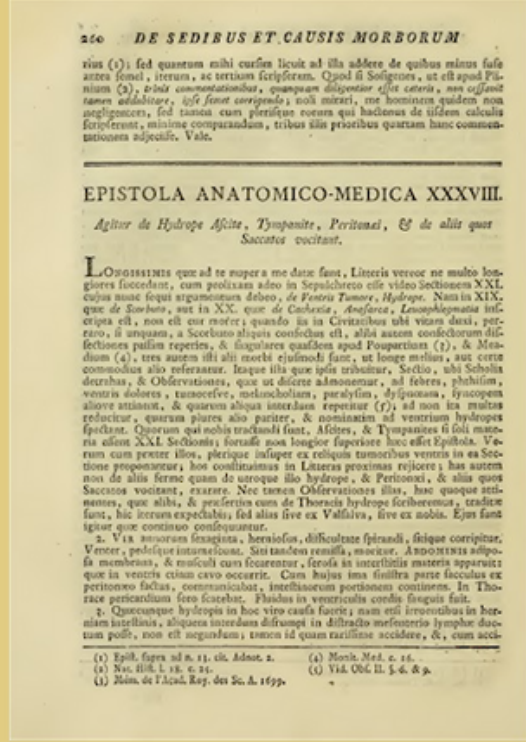https://unipd.link/phdsummer
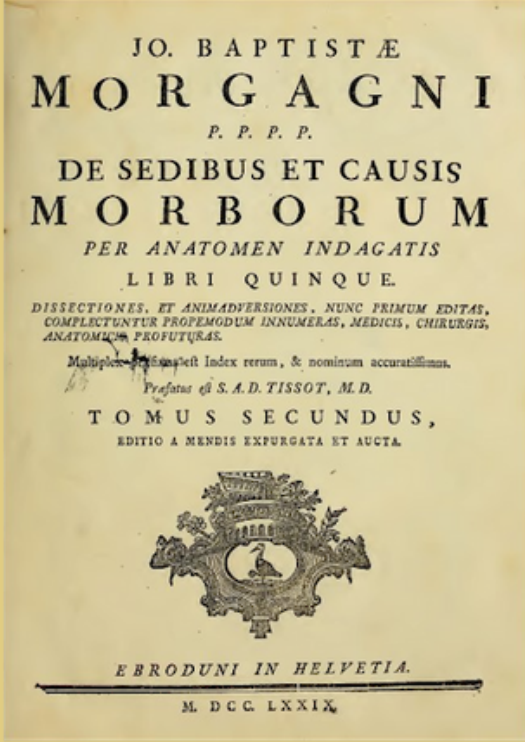
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800 ANNI

UNIVERSITÀ DEGLI STUDI DI PADOVA

Department of Cardiac, Thoracic, Vascular Sciences and Public Health

PhD course Translational Specialistic Medicine 'G.B. Morgagni'

Unit of Biostatistics, Epidemiology and Public Health

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DISSECTIONES, ET ANIMADVERSIONES, NUNC PRIMUM EDITAS,
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Præfatus est S. A. D. TISSOT, M. D.
TOMUS SECUNDUS,
EDITIO A MENDIS EXPURGATA ET AUCTA.

EBRODUNI IN HELVETIA.
M. DCC. LXXIX.

27 September 2022
Topic 2: Biomarkers and Genetic Epidemiology

Moderator: *Cristina Canova, Professor of Medical Statistics – University of Padova – IT*

02:00–02:20 pm
Topic Introduction
Luca Vedovelli, Post-Doc Fellow in Biostatistics – University of Padova – IT

02:20–03:00 pm
Using Genomics to Understand Novel Causes of Cancer
Paul Brennan, IARC International Agency for Research on Cancer – FR

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Cristian Pattaro, EURAC Research – IT

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Dna Methylation in Epidemiological Research
Gianluca Severi, University of Firenze – IT

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Metabolomics in Nutritional Epidemiology
Frank B Hu, Harvard University – USA

05:00–05:20 pm **Floor discussion**

PhD course Translational Specialistic Medicine 'G.B. Morgagni'

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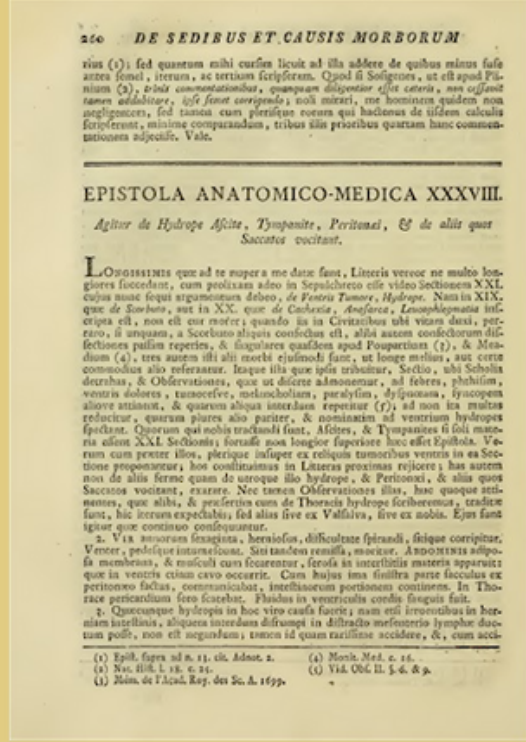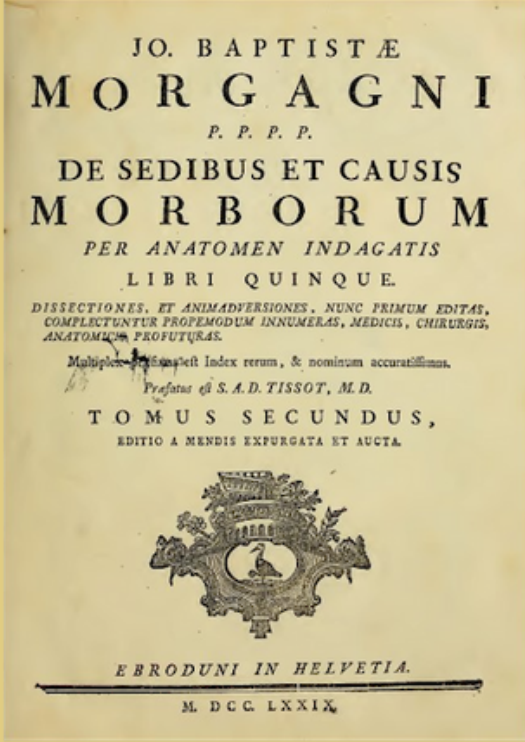**"SHAPING A WORLD–CLASS UNIVERSITY – BIOSTATISTICS AND EPIDEMIOLOGICAL METHODS"**

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Multiplex præfixus est Index rerum, & nominum accuratissimus.

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M. DCC. LXXIX.

DE SEDIBUS ET CAUSIS MORBORUM

EPISTOLA ANATOMICO-MEDICA XXXVIII.

28 September 2022
Topic 3: Citizen Science

Moderator: *Matteo Martinato, Post-Doc Fellow in Medical Statistics – University of Firenze – IT*

02:00–02:20 pm   **Topic Introduction**

02:20–03:00 pm
Citizen Science and Clinical Research
Cinzia Colombo, Istituto Mario Negri – IT

03:00–03:40 pm
Ethical aspects in Citizen Science and Environmental Epidemiology
Antonella Ficorilli, Sapienza University of Roma – IT

03:40–04:20 pm
Barcelona Citizen Science on NO2 and Cognitive Disorders
Florence Gignac, ISGlobal Barcelona Institute for Global Health – SP

04:20–05:00 pm
A Citizen Science Study on Wood Burning
Frederique Floering, Utrecht University – NL

05:00–05:20pm   **Floor discussion**

PhD course Translational Specialistic Medicine 'G.B. Morgagni'

SUMMER SCHOOL
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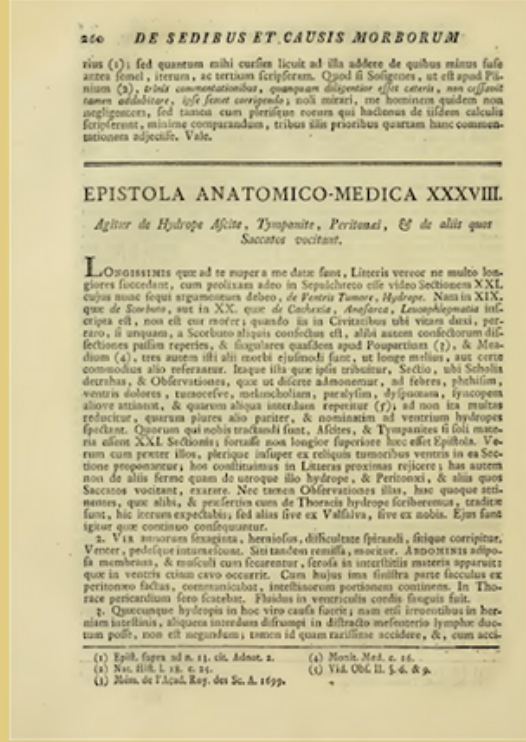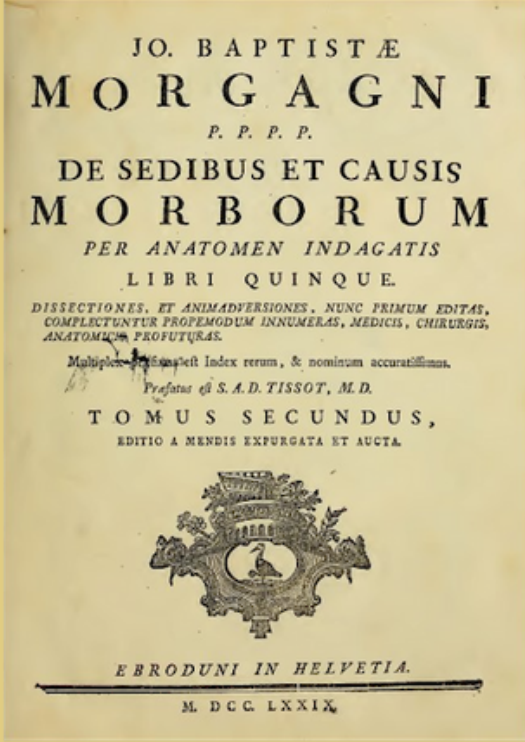
29 September 2022
Topic 4: Geographical Epidemiology

Moderator: *Dolores Catelan, Professor of Medical Statistics – University of Padova – IT*

02:00–02:20 pm   **Topic Introduction**

02:20–03:00 pm
Model-based Geostatistical Methods for Global Population Health Research: Design and Analysis of Prevalence Surveys
Peter Diggle, Lancaster University – UK

03:00–03:40 pm
Cluster and Cluster detection
Renato Assunção, University of Federal de MinasGerais, Belo Horizonte – BR

03:40–04:20 pm
Mapping Human Visceral Leishmaniasis, Canine Leishmaniasis and P.perniciosus in Piedmont
Giovenale Moirano, University of Torino – IT

04:20–05:00 pm
Spatiotemporal models in Environmental Epidemiology
Konstantinoudis Garyfallos, Imperial College London – UK

05:00–05:20 pm   **Floor discussion**

PhD course Translational Specialistic Medicine 'G.B. Morgagni'

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UNIVERSITÀ DEGLI STUDI DI PADOVA

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PhD course Translational Specialistic Medicine 'G.B. Morgagni'

UBEP — Unit of Biostatistics, Epidemiology and Public Health

30 September 2022
Topic 5: Environmental Epidemiology

Moderator: *Francesco Sera, Research Associate in Medical Statistics – University of Firenze – IT*

02:00–02:20 pm   **Topic Introduction**

02:20–03:00 pm
Climate Change and Environmental Epidemiology
Chava Peretz, Tel Aviv University – IL

03:00–04:00 pm
Novel time series methods in epidemiology and public health
Antonio Gasparrini, LSHTM London School of Hygiene & Tropical Medicine – UK

04:00–05:00 pm
Health co-benefits of low environmental impact diet
Silvia Maritano, University of Torino – IT

05:00–05:20 pm   **Floor discussion**

PhD course Translational Specialistic Medicine 'G.B. Morgagni'

SUMMER SCHOOL
26–30 SEPTEMBER 2022
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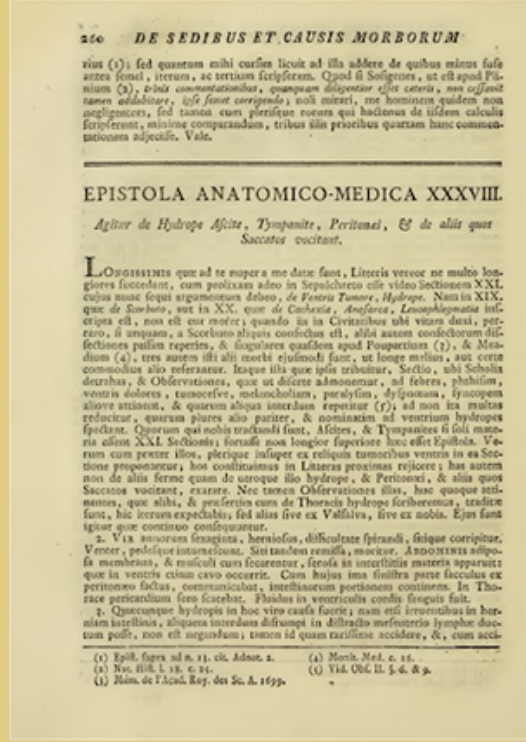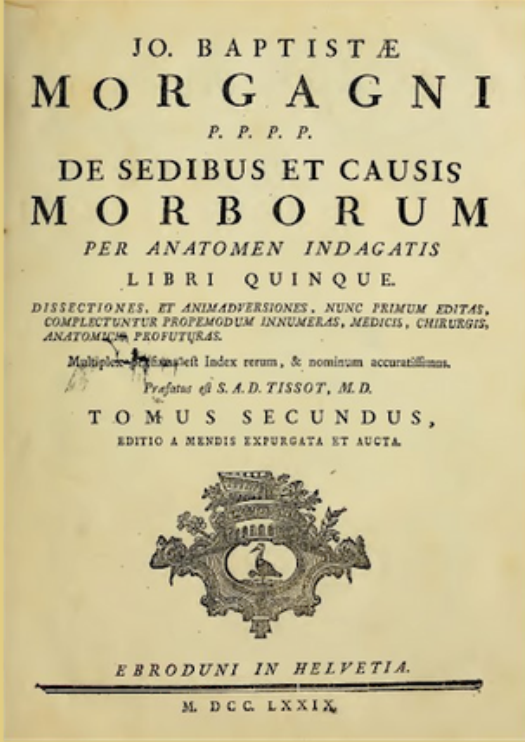https://unipd.link/phdsummer

PhD course in Translational Specialistic Medicine 'G.B. Morgagni'

"Shaping a World-Class University
BIOSTATISTICS AND EPIDEMIOLOGICAL METHODS"
26-30 September 2022

September 26, 2022 – 02:00-05:20 pm C.E.S.T. Time

Topic 1: *"Evidence Synthesis and Causal Inference in Epidemiology"*

Moderator: **Annibale Biggeri**, Professor of Medical Statistics - University of Padova - IT

02:00–02:20 pm	Topic Introduction
02:20–03:00 pm	"Evidence Synthesis in Epidemiology" **Francesco Forastiere,** Imperial College London UK and CNR Consiglio Nazionale delle Ricerche - IT
03:00–03:40 pm	"Causal Inference in Epidemiology" **Neil Pearce**, LSHTM London School of Hygiene & Tropical Medicine - UK
03:40–04:20 pm	"Causal Inference I" **Alessandra Mattei**, University of Firenze - IT
04:20–05:00 pm	"Causal Inference II" **Fabrizia Mealli**, University of Firenze - IT
05:00–05:20 pm	Floor discussion

September 27, 2022 – 02:00-05:00 pm C.E.S.T. Time
Topic 2: *"Biomarkers and Genetic Epidemiology"*

Moderator: **Cristina Canova**, Professor of Medical Statistics - University of Padova - IT

02:00–02:20 pm	Topic Introduction **Luca Vedovelli**, Post-Doc Fellow in Biostatistics- University of Padova - IT
02:20–03:00 pm	"Using Genomics to Understand Novel Causes of Cancer" **Paul Brennan**, IARC International Agency for Research on Cancer - FR
03:00–03:40 pm	"Increasing the Clinical Relevance of Observational, Population-based Studies using Genomics" **Cristian Pattaro**, EURAC Research - IT
03:40–04:20 pm	"Dna Methylation in Epidemiological Research" **Gianluca Severi**, University of Firenze - IT
04:20–05:00 pm	"Metabolomics in Nutritional Epidemiology" **Frank B Hu**, Harvard University - USA
05:00–05:20 pm	Floor discussion

September 28, 2022 – 02:00-05:20 pm C.E.S.T. Time
Topic 3: "Citizen Science"

Moderator: **Matteo Martinato**, Post-Doc Fellow in Medical Statistics - University of Firenze - IT

02:00–02:20 pm	Topic Introduction
02:20–03:00 pm	"Citizen Science and Clinical Research" **Cinzia Colombo**, Istituto Mario Negri - IT
03:00–03:40 pm	"Ethical aspects in Citizen Science and Environmental Epidemiology" **Antonella Ficorilli**, Sapienza University of Roma - IT
03:40–04:20 pm	"Barcelona Citizen Science on NO2 and Cognitive Disorders" **Florence Gignac**, ISGlobal Barcelona Institute for Global Health - SP
04:20–05:00 pm	"A Citizen Science Study on Wood Burning" **Frederique Floering**, Utrecht University - NL
05:00–05:20 pm	Floor discussion

September 29, 2022 – 02:00-05:20 pm C.E.S.T. Time
Topic 4: "Geographical Epidemiology"

Moderator: **Dolores Catelan**, Professor of Medical Statistics - University of Padova - IT

02:00–02:20 pm	Topic Introduction
02:20–03:00 pm	"Model-based Geostatistical Methods for Global Population Health Research: Design and Analysis of Prevalence Surveys" **Peter Diggle**, Lancaster University - UK
03:00–03:40v	"Cluster and Cluster detection" **Renato Assunção**, University of Federal de Minas Gerais, Belo Horizonte - BR

03:40–04:20 pm	"Mapping Human Visceral Leishmaniasis, Canine Leishmaniasis and P.perniciosus in Piedmont" **Giovenale Moirano**, University of Torino - IT

04:20–05:00 pm	"Spatiotemporal models in Environmental Epidemiology" **Konstantinoudis Garyfallos**, Imperial College London - UK

05:00–05:20 pm	Floor discussion

September 30, 2022 – 02:00-05:00 pm C.E.S.T. Time
Topic 5: "Environmental Epidemiology"

Moderator: **Francesco Sera**, Research Associate in Medical Statistics - University of Firenze - IT

02:00–02:20 pm	Topic Introduction

02:20–03:00 pm	"Climate Change and Environmental Epidemiology" **Chava Peretz**, Tel Aviv University - IL

03:00–04:00 pm	"Novel time series methods in epidemiology and public health" **Antonio Gasparrini**, LSHTM London School of Hygiene & Tropical Medicine - UK

04:00–05:00 pm	"Health co-benefits of low environmental impact diet" **Silvia Maritano**, University of Torino - IT

05:00–05:20 pm	Floor discussion

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