UNIVERSITÀ DI PARMA

ACADEMIC YEAR 2021/2022

II LEVEL MASTER
IN PRECLINICAL AND CLINICAL RESEARCH

COORDINATOR

Susanna Esposito

Full Professor

Department of Medicine and Surgery

University of Parma, Parma (Italy)

PROFESSORS AND TEACHERS

UNIPR
University of Parma, Parma

Alberto Argentiero
Research Fellow UNIPR

Antonio D'Aloia
Full Professor of Administrative Law

Daniele Del Rio
Associate Professor of Human Nutrition

Rossana Cecchi
Full Professor of Legal Medicine

Gabriele Costantino
Full Professor of Pharmaceutical Chemistry

Susanna Esposito
Full Professor of Pediatrics

Leonardo Fogassi
Full Professor of Physiology

Matteo Goldoni
Associate Professor of Medical Statistics

Marcello Giuseppe Maggio
Full Professor of Geriatrics

Giovanni Roti
Researcher in Hematology

Francesca Scazzina
Associate Professor of Human Nutrition

Nicola Sverzellati
Associate Professor of Radiology

Marcello Tiseo
Associate Professor of Oncology

O.U. FORMAZIONE POST-LAUREAM

University of Parma, Parma

Caterina Mantovani
Giovanna Corazza

O.U. DEPARTMENTAL ADMINISTRATION

University of Parma, Parma

Giorgetta Leporati

PARMA HOSPITAL

Caterina Caminiti
Research and Innovation Unit, Director

Corrado Confalonieri
Ethics Committee Secretariat

Chiara Lamesta
Hospital Pharmacy Director

Giuseppe Maglietta
Research and Innovation Unit, Biostatistician

EXTERNAL TEACHERS

Stefania Ballarini
Vifor Pharma, Geneve, Switzerland

Silvia Belotti
Lead Formulation Scientist, Chiesi, Parma

Grazia Caivano
Technical Leader, Chiesi, Parma

Maria Lisa Calzetti
Associazione per l'Aiuto ai Giovani con Diabete (AGD) Parma, Parma

Nella Capretti
Associazione Noi per Loro, Parma

Giovanni Checcucci Lisi
Medical Director Sanofi, Rome

Andrea Esposito
Radiology Unit, IRCCS Policlinico Hospital, Milan

Laura Fabbri
Head of Neonatology Clinical Unit, Chiesi, Parma

Stefano Lagravinese
ClinOpsHub srls, Brindisi

Cinzia Marano
Medical Director, GSK Vaccines, Verona

Stefania Mirandola,
Clinical Data Manager, Chiesi, Parma

Luigi Notarangelo
National Institute of Allergy and Infectious Diseases, NIH, Washington DC, USA

Anna Odone
Full Professor of General and Applied Hygiene, University of Pavia, Pavia

Ilaria Panni
Clinical Project Manager, Chiesi, Parma

Palmina Perri
Lega Italiana Fibrosi Cistica (LIFC) Emilia, Parma

Prisco Piscitelli
Euro-Mediterranean Biomedical Scientific Institute, ISBEM, Brindisi

Gian Marco Prandi
Assoc. Dir. Medical Affairs Vaccines, MSD Italia, Roma

Stefano Valente
Medical Affairs Vaccines, Director MSD Italy, Roma

CALL FOR APPLICATIONS
6TH SEPTEMBER 2021

CALL DEADLINE
22ND OCTOBER 2021

MODULE 1

DECEMBER

WEEK 1 ▶ DECEMBER 3rd, 2021

S. Esposito
Wellcome to the course

S. Esposito
Introduce yourself

S. Esposito
Why bother with doing clinical research?

S. Esposito
Short survey on your expectations from this course

L. Fogassi
From the animal model to the clinical practice

G. Roti
The phases of preclinical research

WEEK 2 ▶ DECEMBER 10th, 2021

G. Costantino
Pharmacokinetics, pharmacogenetics and pharmacogenomics

WEEK 3 ▶ DECEMBER 17th, 2021

A. D'Aloia
Ethics of preclinical research

ACADEMIC YEAR 2021-2022

II LEVEL MASTER
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JANUARY

WEEK 4 ▶ JANUARY 7th, 2022

G. Roti
Drug discovery in oncology

S. Belotti, G. Calvano
Development of new pharmaceutical formulations

WEEK 5 ▶ JANUARY 14th, 2022

P. Piscitelli
From genetics to epigenetics

WEEK 6 ▶ JANUARY 21st, 2022

C. Lamesta
Equivalent drugs and biosimilars

FEBRUARY

WEEK 7 ▶ FEBRUARY 4th, 2022

A. Argentiero
Methodology and phases of clinical research

M. Tiseo
Special focus on phase 1

WEEK 8 ▶ FEBRUARY 11th, 2022

S. Esposito
How to set up a non-profit clinical trial

G. Maglietta
The importance of study design

M. Tiseo
The importance of networks in clinical research

WEEK 9 ▶ FEBRUARY 18th, 2022

S. Lagravinese
Good Clinical Practice

WEEK 10 ▶ FEBRUARY 25th, 2022

I. Panni
Monitoring in clinical trials

S. Mirandola
Collection, management and data quality

R. Cecchi
Informed consent and legislative criticalities in clinical research

MODULE 2

MARCH

WEEK 11 ▶ MARCH 4th, 2022

S. Ballarini
Drug development for registration purposes and IMP management

WEEK 12 ▶ MARCH 11th, 2022

C. Confalonieri
The Ethics Committees: role and function

WEEK 13 ▶ MARCH 18th, 2022

C. Caminiti
How to draw up a protocol

G. Maglietta
Special focus on sample size

WEEK 14 ▶ MARCH 25th, 2022

A. D'Aloia
Principles of bioethics in human studies

ACADEMIC YEAR 2021-2022

II LEVEL MASTER
IN PRECLINICAL AND CLINIC RESEARCH

APRIL

WEEK 15 ▶ APRIL 1st, 2022

C. Caminiti
The role of professional figures and health structures

WEEK 16 ▶ APRIL 8th, 2022

G.M. Prandi
Investigator initiated study and company sponsored study: role of the CRO and of the pharmaceutical company in the management of adverse events

S. Valente
Development cycle of vaccines and other drugs: from medical needs to implementation of marketed product

WEEK 17 ▶ APRIL 15th, 2022

L.D. Notarangelo
Inborn errors of immunity: advances in treatment

G. Checcucci Lisi
Signal detection and management in pharmaco-vigilance: from theory to practice

WEEK 18 ▶ APRIL 22nd, 2022

A. Odone
Health Technology Assessment

D. Del Rio
Food and health: from laboratory research to the consumer

WEEK 19 ▶ APRIL 29th, 2022

C. Marano
Value of vaccination and communication against vaccine hesitancy

C. Marano
Therapeutic innovation and post-marketing surveillance

MAY

WEEK 20 ▶ MAY 6th, 2022

S. Esposito
Artificial intelligence and telemedicine in pediatrics

WEEK 21 ▶ MAY 13th, 2022

F. Scazzina
Food, health and sustainable development

WEEK 22 ▶ MAY 20th, 2022

A. Esposito, N. Sverzellati
Application of artificial intelligence in radiology: comparison between Centers

MODULE 2

OCTOBER

WEEK 23 ▶ OCTOBER 7th, 2022

L. Fabbri
Clinical trials in neonatology

WEEK 24 ▶ OCTOBER 14th, 2022

S. Esposito
Child is not a small adult

WEEK 25 ▶ OCTOBER 21st, 2022

M. Maggio
Clinical trials in the elderly

G. Checcucci Lisi
Vaccine development in high risk patients

M.L. Calzetti, N. Capretti, P. Perri
The role of patients and their associations

WEEK 26 ▶ OCTOBER 28th, 2022

M. Goldoni
Bibliographic research, systematic review and meta-analysis

M. Goldoni
Basics of biostatistics

S. Esposito
From the protocol to the publication of a scientific article

ACADEMIC YEAR 2021-2022

II LEVEL MASTER
IN PRECLINICAL AND CLINIC RESEARCH

CERTIFICATION ISSUED: Certificate

PROPOSING STRUCTURE: Department of Medicine and Surgery

DURATION: 12 months

TEACHING PROVISION: E-learning

COST: 2.000,00 euro

COST FOR LISTENERS: 500,00 euro

ATTENDACE % REQUIRED: 75

STAGE: 500 hours

FURTHER INFORMATION:
ctu.pediatriaparma@gmail.com

ACCESS TITLES:
Master's degree in Biotechnology (LM-07/LM-08/LM-09), Biological Sciences (LM-06), Chemical Sciences (LM-54), Physics (LM-17), Sciences and Technologies Agricultural (LM-69), Computer Science (LM-18), Mathematics (LM-40), Engineering (LM-21/LM-22), Food Science and Technology (LM-70), Economics- Corporate (LM-77), Jurisprudence (LMG-01).

Holders of the following specialist degree classes can access the course: Medicine and Surgery (46/S), Odontology (LM/46), Nursing and Midwifery science (LM/SNT1), Veterinary Medicine (47/S), Pharmacy and industrial pharmacy (14/S), Agricultural Biotechnology (7/S), Industrial Biotechnology (8/S), Medical, Veterinary and Pharmaceutical Biotechnology (9/S), Industrial Biotechnology (8/S), Medical, Veterinary and Pharmaceutical Biotechnology (9/S) Biology (6/S), Human Nutrition Sciences (69/S), Chemical sciences (62/S), Physics (20/S), Agricultural sciences and technologies (77/S), Agri-food sciences and technologies (78/S), Computer science (23/S), Mathematics (45/S), Biomedical Engineering (26/S), Economics Sciences (64/S), Economics-Business Sciences (84/S), Law (22/S).

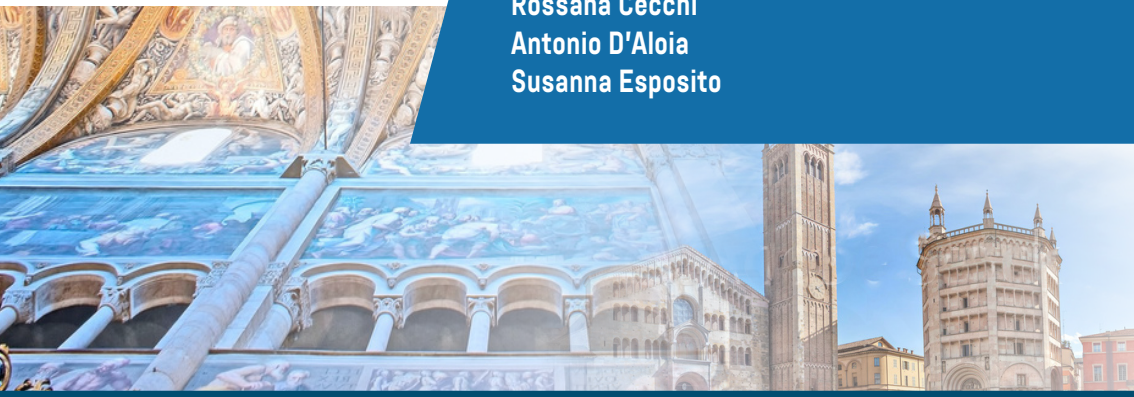
Degrees of the old system equivalent to those mentioned above.

Further qualifications may be assessed by the Executive Committee on the basis of scientific-cultural affinity with the subjects proposed in the Master, also taking into consideration the CV presented by the candidate.
Registration is available at the following link:
https://www.unipr.it/bandi/didattica/ricerca-preclinica-e-clinica-20202021

DEADLINE FOR REGISTRATION: OCTOBER 23rd

EXECUTIVE COMMITTEE

Alberto Argentiero
Caterina Caminiti
Rossana Cecchi
Antonio D'Aloia
Susanna Esposito



WITH INTERVENTIONS OF SPEAKERS FROM:

Fondazione Penta

INCiPIT network

Istituto Superiore di Sanità