

CURRICULUM VITAE DR. ELEONORA CAVARRA

CURRENT POSITION:

Assistant Professor of General Pathology

EDUCATION:

1989 – Degree in Biological Sciences (BSc, MSc), University of Siena.

1995 – PhD in “Biology and Pathology of Extracellular Matrix”, University of Modena.

1997 – "Specialist in Biochemistry and Clinical Chemistry", Faculty of Medicine and Surgery, University of Siena

RESEARCH INTERESTS:

Pathogenic mechanisms involved in development and progression of Chronic Obstructive Pulmonary Disease (COPD).

Identification of new therapeutic targets for COPD.

Lung inflammation and vascular remodelling: pathogenic links.

Pathogenic mechanisms involved in development and progression of lung fibrotic diseases.

Identification of new therapeutic targets for Idiopathic Pulmonary Fibrosis (IPF).

INTERNATIONAL JOURNAL REVIEWER:

American Journal of Respiratory Cell and Molecular Biology

American Journal of Respiratory and Critical Care Medicine

INTERNATIONAL MEETING ORGANIZATION:

- Member of Organizing Committee of "10th International Colloquium on Lung Fibrosis" (Siena 11-14 Ottobre 1998)

- Member of Organizing and Scientific Committee of "1st International Conference on Animal Models of COPD" (Siena 30 Settembre- 2 Ottobre 2001)

- Member of Organizing and Scientific Committee of "2nd International Conference on Animal Models of COPD" (Siena 6-8 Settembre 2003)

- Member of Organizing and Scientific Committee of "3rd International Conference on Animal Models of COPD" (Siena 24-26 Settembre 2005)

RESEARCH SUPPORT:

- BIOMED 2 European Project BMH4-CT96-0152. Neutrophil mediated lung injury-genetic susceptibility and new therapeutic (Participant)

- PRIN 2015: "Ruolo della via metabolica dell'idrogeno solforato in modelli di broncopatia cronica ostruttiva e fibrosi polmonare: definizione di potenziali target terapeutici" (PROTOCOLLO 201532AHAE_002) (Participant; dal 16/07/2019 (Principal Investigator)).
- PRIN 2010-2011: Ruolo della via di trasduzione L-cisteina/H2S nelle patologie a base infiammatoria: identificazione di un nuovo bersaglio terapeutico. (PROTOCOLLO 2010Y4WMCR_003) (Participant)
- PRIN 2002: Alterazioni della matrice extracellulare in patologie connettivali. Modelli in vitro ed in vivo. (PROTOCOLLO 2002052257_002) (Principal Investigator)
- Piano di Ateneo per la Ricerca (PAR) 2006: Studio del ruolo di fattori individuali nella suscettibilità allo sviluppo del danno polmonare da fumo di sigaretta. (Principal Investigator)
- Piano di Ateneo per la Ricerca (PAR) 2004: Studio della patogenesi dell'enfisema polmonare in mutanti spontanei del topo C57 Bl/6J. (Principal Investigator)
- Piano di Ateneo per la Ricerca (PAR) 2000: Danno polmonare indotto da fumo di sigaretta: studio in modelli murini con differente protezione antiproteasica e sensibilità agli ossidanti (Principal Investigator)
- Piano di Ateneo per la Ricerca-Grandi Attrezzature (2001) (Principal Investigator)

TEACHING ACTIVITIES:

2001 - 2007 Immunology and Molecular Pathology - Biological Sciences (1st cycle degree)

2002 - 2020 Physiopathology - Health Biology (2nd cycle degree)

Member of "Comitato Ordinatore" - 2nd cycle degree in Health Biology - Siena University

Member of "Comitato per la Didattica" - 2nd cycle degree in Health Biology - Siena University

Tutor - 2nd cycle degree in Health Biology - Siena University

Responsible for Quality Assurance of the Department of Life Sciences (May 2013- September 2015).