

LABORATORI UBICATI in SANTA ANDEA DELLE DAME

-Sezione di Farmacologia "L. Donatelli"

L4- responsabili prof. Maria Gabriella Matera, dott.ssa Barbara Rinaldi

L5 - Responsabili: Proff. Francesco Rossi, Liberato Berrino

gruppo di FARMACOLOGIA CARDIOVASCOLARE - CARDIOVASCULAR PHARMACOLOGY

ISI WEB: Pharmacology & pharmacy, cardiac & cardiovascular system, medicine general & internal, cell biology, science, pathology

ERC: LS4_1, LS4_7, LS3_2, LS3_4, LS3_12, LS4_5

SSD: BIO/14

Key words: colture cellulari, infarto del miocardio, cardiotossicità, stenosi carotidea, diabete, sindrome metabolica, cellule staminali, esercizio fisico, scompenso cardiaco.

L 10 - gruppo di NEUROPSICOFARMACOLOGIA - NEUROPSYCHOPHARMACOLOGY

(Responsabile: Prof. Sabatino Maione)

ISI WEB: : Behavioural Sciences, multidisciplinary sciences, Pharmacology and Pharmacy, Anesthesiology

ERC: LS5_5, LS5_1, LS5_8, LS5_2, LS5_3, LS5_12, LS4_4

SSD: BIO/14

Key words: Dolore neuropatico, neuro infiammazione, glia , neurofarmacologia, glia, microglia, cannabinoidi, vanilloidi, purine.

**CENTRO DI FARMACOVIGILANZA E FARMACOEPIDEMIOLOGIA DI RILEVANZA REGIONALE
REGIONAL CENTER OF PHARMACOVIGILANCE AND PHARMACO-EPIDEMIOLOGY**

(Responsabile: Prof. Francesco ROSSI)

ISI WEB: Pharmacology Pharmacy, Health care sciences Services, Endocrinology metabolism, Psychiatry, Toxicology

ERC: LS7_3, LS7_9, LS7_10

SSD: BIO/14

Key words: Pharmacovigilance, Adverse drug reaction (ADRs), risk/benefit ratio, spontaneous reports of suspected adverse reactions, randomized clinical trials

L9 Laboratori AREA FARMACOLOGIA ONCOLOGICA CANCER PHARMACOLOGY

(Responsabile Prof. Liberato Berrino)

ISI WEB: Oncology, Pharmacology & Pharmacy

ERC: LS3_7, LS4_6, LS7_3

SSD: BIO/14

Key words: Espressione genica, Microarray, Cancro al polmone non a piccole cellule, Cancro al colon, Targeted therapy

**L7 AREA FARMACOLOGIA DEL SISTEMA RESPIRATORIO RESPIRATORY SYSTEM
PHARMACOLOGY (Responsabile: Prof. Bruno D'Agostino)**

ISI WEB: Pharmacology & pharmacy, respiratory system

ERC: LS4_1, LS7_3

SSD: BIO/14

Key words: Parole chiave: asthma, airway inflammation, airway hyperreactivity, COPD, pulmonary emphysema, stem cells

-Sezione di Fisiologia Umana e Funzioni Biologiche " F. Bottazzi"

LABORATORI UBICATI in SANTA ANDEA DELLE DAME

Laboratorio L. 13 - (Responsabile: Prof.ssa Gilda Cobellis)

ISI WEB: BIOCHEMISTRY & MOLECULAR BIOLOGY; REPRODUCTIVE BIOLOGY

ERC: LS3_5, LS4_2

SSD: BIO/13

Key words: Molecular Biology, spermatogenesis, endocrinology

Laboratorio L. 14 - (Responsabile: Prof.Varriale)

ISI WEB: BIOCHEMISTRY & MOLECULAR BIOLOGY

ERC LS3_5

SSD: BIO/13

Key words: Molecular Biology

Laboratorio L. 15 - (Responsabile: Prof.ssa d'Istria)

ISI WEB: BIOCHEMISTRY & MOLECULAR BIOLOGY; REPRODUCTIVE BIOLOGY

ERC: LS3_5, LS4_3

SSD: BIO/13

Key words: Molecular Biology, spermatogenesis, endocrinology

Laboratorio L. 16-17 - (Responsabile: dott.ssa Chianese)

ISI WEB: BIOCHEMISTRY & MOLECULAR BIOLOGY; REPRODUCTIVE BIOLOGY

ERC: LS3_5, LS4_3

SSD: BIO/13

Key words: Molecular Biology

Laboratorio L18 Stabulario Anfibi e Rettili

responsabile: prof. Silvia Fasano

in attesa di permessi

Laboratorio L. 19 - (Responsabile: Prof.Minucci)

ISI WEB: BIOCHEMISTRY & MOLECULAR BIOLOGY; MICROSCOPY

ERC: LS3_1

SSD: BIO/13

Key words: Histology, cell morphology

Laboratorio L20

Responsabile: Prof.ssa Portaccio

ISI WEB PHYSICS MULTIDISCIPLINARY

ERC PE4_11, PE4_1

SSD FIS07

Key words: Materials characterization, samples preparation

Laboratorio L21 elettrofisiologia

Responsabile: dott.Viggiano

ISI WEB Physiology

ERC LS4_1,

SSD BIO 09

Key words:

Sezione di Igiene, Medicina del Lavoro e Medicina Legale

LABORATORI DI MEDICINA DEL LAVORO

L1- Laboratorio di Biologia Molecolare (Resp.: Dott.ssa Monica LAMBERTI)

ISI WEB : Biochemistry & Molecular Biology; Toxicology

ERC : LS1_1 Molecular biology and interactions; LS7_5 Toxicology

SSD : MED/44

Key words: tossicologia (toxicology); citotossicità (cytotoxicity); cardiotossicità (cardiotoxicity); farmaci antineoplastici (antineoplastic drugs)

L2 - Laboratorio di Analisi Strumentale (Resp.: Prof. Nadia MIRAGLIA)

ISI WEB: Public, Environmental & Occupational Health; Health Care Sciences & Services

ERC: LS7_10 Environment and health risks: occupational medicine; LS7_8 Health services, health care research

SSD MED 44

Key words: monitoraggio biologico, spettrofotometria ad assorbimento atomico, metalli (biological monitoring, atomic absorption spectroscopy, metals)

L3 - Laboratorio di Igiene Industriale (Resp.: Prof. Nadia MIRAGLIA)

ISI WEB: Public, Environmental & Occupational Health; Environmental Studies; Multidisciplinary Sciences; Health Care Sciences & Services

ERC: LS7_10 Environment and health risks: occupational medicine

SSD MED 44

Key words: parametri microclimatici, inquinamento ambienti di lavoro, medicina occupazionale (microclimate parameters, workplaces pollution, occupational medicine)

L4 - Laboratorio di Tossicologia Industriale (Resp.: Prof. Nadia MIRAGLIA)

ISI WEB: Toxicology; 2) Public, Environmental & Occupational Health

ERC: LS7_5 Toxicology; LS7_8 Health services, health care research; LS7_2 Diagnostic tools (e.g. genetic, imaging)

SSD MED 44

Key words: monitoraggio ambientale e biologico, antracicline, interferenti endocrini, aldeidi volatili (environmental and biological monitoring, anthracyclines, volatile aldehydes)

L5 - Laboratorio del disagio psicologico dei lavoratori (Resp.:Dott.ssa Laura SANTALUCIA)

ISI WEB: Public, Environmental and Occupational Health; Psychology, Applied

ERC: LS7_8 Health services, health care research; LS7_10 Environment and health risks, Occupational medicine

SSD:MED/44

Key words: work related stress; occupational psychology; psychological disease

Laboratori di MEDICINA LEGALE

-Laboratorio Tossicologico di Riferimento Nazionale dal 2004 (responsabile prof.Renata Borriello).

ISI WEB Medicine, Legal; Toxicology

ERC LS7_5

SSD MED43

Key words:

-Sezione di Microbiologia

Laboratorio di BatteriologiaL5-10-11

Responsabile: Prof Giovanna Donnarumma

Preposto: dott.sse Elena Grimaldi, Brunella Perfetto

ISI WEB Biotechnology & Applied Microbiology, Cell Biology, Immunology, Infectious Diseases, Medical Laboratory Technology, Microbiology, Multidisciplinary Sciences, Nanoscience & Nanotechnology, Pharmacology & Pharmacy

ERC LS6-1,LS6-7, LS6-9, LS6-11

SSD:MED/07

Key words: INNATE IMMUNITY, ANTIMICROBIAL PEPTIDES, HOST-PARASITE INTERACTION

Laboratorio di VirologiaL2-14-15

Responsabile: Prof. Marilena Galdiero

Preposto: dott.sse Elena Grimaldi, Brunella Perfetto

ISI WEB LS6-1, LS6-7, LS6-8, LS6-11

ERC: Biotechnology & Applied Microbiology, Cell Biology, Immunology, Infectious Diseases, Medical Laboratory Technology, Microbiology, Multidisciplinary Sciences, Nanoscience& Nanotechnology, Pharmacology & Pharmacy, Virology,

SSD : MED/07

Key words: INNATE IMMUNITY, ANTIMICROBIAL PEPTIDES, HOST-PARASITE INTERACTION

Laboratorio di MicologiaL9-16

Responsabile: dott.ssa Maria Rosaria Iovene

Preposto: dott.sse Elena Grimaldi, Brunella Perfetto

ISI WEB LS6-1, LS6-7, LS6-10, LS6-11

ERCBiotechnology & Applied Microbiology, Cell Biology, Immunology, Infectious Diseases, Medical Laboratory Technology, Microbiology, Multidisciplinary Sciences, Nanoscience& Nanotechnology, Pharmacology & Pharmacy

SSD MED/07

Keywords: INNATE IMMUNITY, ANTIMICROBIAL PEPTIDES, HOST-PARASITE INTERACTION

Laboratorio di ParassitologiaL3-4-8

Responsabile: dott.ssa Antonietta Rizzo

Preposto: dott.sse Elena Grimaldi, Brunella Perfetto

ISI WEB : LS6-1, LS6-10, LS6-13

ERCBiotechnology & Applied Microbiology, Cell Biology, Immunology, Infectious Diseases, Medical Laboratory Technology, Microbiology, Multidisciplinary Sciences, Nanoscience& Nanotechnology, Pharmacology & Pharmacy

SSD MED/07

Key words: INNATE IMMUNITY, ANTIMICROBIAL PEPTIDES, HOST-PARASITE INTERACTION

Laboratorio di Microbiologia cellulareL1-12-13

Responsabile: Prof. Elisabetta Buommino

Preposto: dott.sse Elena Grimaldi, Brunella Perfetto

ISI WEB Biotechnology & Applied Microbiology, Cell Biology, Immunology, Infectious Diseases, Medical Laboratory Technology, Microbiology, Multidisciplinary Sciences, Nanoscience& Nanotechnology, Pharmacology & Pharmacy, Virology,

ERCLS6-1, LS6-2, LS6-7, LS6-8, LS6-9, LS6-10, LS6-11, LS6-13

SSD MED/07

Key words: INNATE IMMUNITY, ANTIMICROBIAL PEPTIDES, HOST-PARASITE INTERACTION

-Sezione di Biotecnologie, Istologia Medica e Biologia Molecolare "Antonino Cascino"

LABORATORI UBICATI in SANTA ANDEA DELLE DAME

Laboratorio di Analitica (resp. Prof.ssa C. Schiraldi)

Ubicato presso Livello 7, ex Farmacovigilanza.

ISI WEB Biochemistry and Molecular biology, Biotechnology and applied microbiology, Applied chemistry

ERC PE4_5

SSD BIO10, CHIM11

Key words: purification and quantification of metabolites

L1: Biochimica

UBICATO PRESSO LA SEZIONE DI BIOTECNOLOGIE E BIOLOGIA MOLECOLARE

2° PIANO

Responsabile: Dott.ssa Donatella Cimini

ISI WEB Biotechnology and Applied Microbiology, Biochemistry and Molecular biology, Microbiology

ERC LS9_1, LS 9_9

SSD CHIM11, BIO10

Key words: recombinant DNA technology, microbial cell factories, gene and protein expression, metabolic pathway design and engineering

L2 - Laboratorio Biologia Molecolare L1

(responsabile prof. Marilena Cipollaro)

ISI WEB BIOCHEMISTRY & MOLECULAR BIOLOGY

ERC LS4_7, LS1_1, LS1_3, LS1_4, LS3_3, LS3_4, LS3_12, SH6

SSD BIO 11

Key words: cardiovascular diseases, DNA synthesis, modification, repair, recombination and degradation, stem cell biology, ancient DNA

L11 Biologia molecolare

UBICATO PRESSO LA SEZIONE DI BIOTECNOLOGIE E BIOLOGIA MOLECOLARE
2° PIANO

Responsabile: Dott.ssa Donatella Cimini

ISI WEB Biotechnology and Applied Microbiology, Biochemistry and Molecular biology, Cell tissue and Engineering

ERC LS9_1, LS 9_9, LS1_2

SSD CHIM11, BIO10

Key words: recombinant DNA technology, gene expression, elisa assays, cell cultures.

Laboratorio di Biologia Molecolare L2

(responsabile dott. Giovanni Di Bernardo)

ISI WEB Biochemistry and Molecular Biology

ERC LS1_1, LS1_3, LS1_4, LS3_3, LS3_4, LS3_12

SSD BIO11

Key words: Senescence, Apoptosis, Stem cells, gene expression

Laboratorio Biologia Molecolare L3

(responsabile prof. Umberto Galderisi)

ISI WEB Biochemistry and Molecular Biology

ERC LS1_1, LS1_3, LS1_4, LS3_3, LS3_4, LS3_12

SSD BIO11

Key words: Apoptosis, Stem cells, gene expression

Laboratorio Grandi Attrezzature (ex-CGA) (responsabili proff. Mario De Rosa - Chiara Schiraldi)

Nell'area del Laboratorio Grandi Attrezzatura sono attivi i seguenti Laboratori:

-Laboratorio Spettroscopia FT-IR (referente Prof. Portaccio)

ISI WEB: SPECTROSCOPY

ERC PE4_11 Physical chemistry of biological systems PE4_1 Physical chemistry

PE4_2 Spectroscopic and spectrometric techniques

SSD FIS07 BIO10

Key words: Biomaterials characterization

-Laboratorio di Microscopia Elettronica (referente Dott.ssa Cammarota)

ISI WEB Microscopy

ERC LS3_1

SSD BIO10

Key words: ultrastructural morphology, scanning and transmission microscopy

-Laboratorio di Microscopia a Multifotoni (referente Prof. Lepore)

ISI WEB: SPECTROSCOPY

ERC PE4_11, PE4_1, PE4_2

SSD FIS07 BIO10

Key words: Biomaterials characterization

-Lab16-17 Laboratorio di chimica organica

(responsabili: Prof. Chiara Schiraldi, Dott.ssa Rosanna Filosa)

ISI WEB Chemistry, Organic, Chemistry, Medicinal

ERC: PE5_18,

SSD: CHIM-06

Key words: design synthesis and structural characterization of bioactive compounds

Area produzione e caratterizzazione di biomolecole:

(Prof. Schiraldi, referenti Dott.ssa Cimini, Dott.ssa Restaino, Dott. Alfano, Dott.ssa La Gatta)

L9-L10-Area fermentazioni e downstream

(Prof. Schiraldi, referenti Dott.ssa Cimini, Dott.ssa Restaino, Dott. Alfano)

ISI WEB Biotechnology and Applied Microbiology, Microbiology

ERC PE4_18, LS9_9

SSD BIO10, CHIM11

Key words: lab and pilot scale fermentation processes, microfermentation, membrane technology, high cell density cultivations, downstream purification of biomolecules, production of industrially relevant metabolites

L 11-Area microbiologia

ISI WEB Biotechnology and Applied Microbiology, Microbiology

ERC LS9_9

SSD BIO10, CHIM11

Key words: probiotics, yeast, recombinant microorganisms

L12- Area preparazione di soluzioni e terreni

ISI WEB Biotechnology and Applied Microbiology

ERC LS9_9, PE 8_14

SSD BIO10, CHIM11

Key words: medium optimization

L-13 Area caratterizzazione di biomolecole

ISI WEB Biotechnology and Applied Microbiology

ERC PE5_1, PE5_12, PE 8_14

SSD BIO10, CHIM11

Key words: analytical chemistry, electrophoresis, chromatography, characterization of biomacromolecules.

L16- Area purificazione e caratterizzazione di biomolecole; Sviluppo e caratterizzazione di biomateriali

Responsabile Dott.ssa Annalisa La Gatta

ISI WEB Material Sciences, Biomaterials, Applied chemistry

ERC PE5_1, PE5_7

SSD BIO 10, CHIM11

Key words: biomaterial development and characterization, polysaccharides, chromatography, pyrogen-free samples, purification of biomolecules

L14-Area colture cellulari

(Prof. Schiraldi, referenti Dott.ssa Stellavato e Dott.ssa D'Agostino)

ISI WEB Cell and tissue engineering

ERC LS3-5, LS3-7, LS3-3

SSD BIO10

Key words: Cell time lapse microscopy, cell tracker, proliferation

LABORATORI UBICATI IN SANTA PATRIZIA

Lab 1 Citofluorimetria (responsabile dott.ssa Virginia Tirino)

ISI WEB - cell biology, biochemical research methods

ERC LS 3_2; LS 3_12

SSD BIO 17

Key words: cell cycle, apoptosis, differentiation

Lab 2 Colture cellulari (responsabile dott.ssa Virginia Tirino)

ISI WEB - cell biology, cell and tissue engineering

ERC LS 3_3, LS_4

SSD BIO 17

Key words: cell culture, cell differentiation, stem cells

Lab 3 Istologia, microscopia ottica ed fluorescenza (responsabile dott. Vinzenzo Desiderio)

ISI WEB - anatomy and morphology, cell and tissue engineering

ERC - LS3_1, LS3_5

SSD BIO 17

Key words: histology, fixative, immunofluorescence

Lab.4 Criocongelamento e lavaggio (responsabile dott.ssa Giulia Ricci)

ISI WEB - cell biology

ERC - LS3_1, LS3_4

SSD BIO 17

Key words: cell cryo-preservation

Lab. 5 Biologia Molecolare (responsabile dott.ssa Francesca Paino)

ISI WEB - biotechnology and applied microbiology, biochemistry and molecular biology

ERC - LS1_4, LS3_7

SSD BIO 17

Key words: real time PCR, western blotting, RNA interference