# NADIA MIRAGLIA, ASSOCIATE PROFESSOR SCIENTIFIC-PROFESSIONAL CURICULUM

### PERSONAL DETAILS

Name Residence Domicile Phone E-mail Nationality Date of birth

Nadia Miraglia Castelluccio Inferiore (PZ), Italy Napoli, Italy +39 (81) 5665900 nadia.miraglia@unicampania.it **ITALIAN** Dicember 12th, 1970

### **WORKING EXPERIENCE:** POSITIONS AND ASSIGNMENTS

• From Nov. 2014 to date

Associate Professor of Occupational Medicine (SSD MED44), University of Campania L. Vanvitelli (former SUN), Experimental Medicine Department-Hygiene, Occupational and Forensic Medicine Division.

From Jan. 2019 to date

I level Health Executive – Occupational Medicine Unit of the University Regional Hospital- University of Campania L. Vanvitelli - Integrated Department of Public Health and Laboratory Facility

From Nov. 2016 to Jan 2019

Contact person (I level Health Executive since August 2008) for the Chemical Risk Prevention in Workplaces Service of the University Regional Hospital-SUN, Integrated Department of Public Health and Laboratory Facility

From May 2017 to 2021

Director of Occupational Medicine Residency Program, University of Campania L. Vanvitelli

From Nov. 2016 to May 17

Coordinator of Occupational Medicine Residency Program, University of Campania L. Vanvitelli

From Dec. 2017 to 2020

From Oct. 2017 to date

Member of the Organizing Committee for the degree course in Prevention techniques in the environment and in the workplace (Vanvitelli University) Member of the Quality Group (AQ) for the degree course in Prevention techniques in the environment and in the workplace (Vanvitelli University

From 2007 to date

From 2013 to 2021

From 2007 to 2014

Board Member, Teacher and Tutor, Occupational Medicine Residency Program, University of Campania L. Vanvitelli (former SUN)

Faculty Board Member and Tutor, "Environment, design and innovation" PhD program (University of Campania L. Vanvitelli, former SUN)

Faculty Board Member and Tutor, "Occupational Medicine, Science and Technology for the Environment" PhD Program (formerly: "Risks analysis, Industrial Safety and Prevention in Workplaces")

From Jul 2011 to date

Person in Charge of Safety and Security of the Area of Occupational Medicine-Section of Hygiene, Occupational and Forensic Medicine, Department of Experimental Medicine, University of Campania L. Vanvitelli (former SUN)

From Jun 2010 to May 2013

Person in Charge of Quality for the Laboratories of the Occupational Medicine Area, and Member of the Quality Team of University Quality Center (CQA, Centro Qualità Ateneo), Second University of Naples

### **EDUCATION**

- February 11th 2014
- October 1st 2007
- March 9th 2004
- October 1996
- June 1996
- March 26th 1996
- July 1989

### SCIENTIFIC SOCIETIES

- From 2006 to date
- From 2006 to date
- From 2006 to date
- From 2012 to date
- From June 30th 2014 to date
- From September 2017-2020

## REVIEW ACTIVITY FOR PROJECTS AND SCIENTIFIC PUBLICATIONS

- May 4th, 2016
- From March 1st 2012 to date
- From 2010 to date

# **SCIENTIFIC ACTIVITY**

National Scientific Qualification as associate professor SSD Med-44/Occupational Medicine (SC 06/M2) [Award procedure 2012, DD 222/2012]

Research Associate, SSD MED44, Second University of Naples, Department of Experimental Medicine – Section of Hygiene, Occupational and Forensic Medicine

PhD in "Occupational Medicine, Environmental Hygiene and Ergonomics", XVI cycle, University of Bari. Dissertation: "Determinations of solvents in biological matrices, as occupational exposure biomarkers" Potenza Board of Chemistry enrollment

Board of Chemistry licensing

Degree in organic-biologic Chemistry (110/110), University of Naples "Federico II"

High school degree (60/60), Istituto Pontano, Naples

SIML Member, Società Italiana di Medicina del Lavoro (Occupational Medicine Italian Society), former SIMLII, Società Italiana di Medicina del Lavoro e Igiene Industriale (Industrial Hygiene and Occupational Medicine Italian Society) (national and regional sections- Italy and Campania)

ICOH Member, International Commission on Occupational Health

Scientific Committee on Rural Health: agriculture, pesticides and organic dust (ICOH) Member

AIDII Member, Italian Association of Industrial Hygienists

SIN member, Italian Society of Nanotoxicology

SIVR member (management board from 2018), of the Reference Values Italian Society

Referee for VQR 2011-14, Occupational Medicine section

Member of the Register of Reviewers of the Ministry of Education, University and Research (MIUR, Ministero dell'Istruzione, dell'Università e della Ricerca, Direzione Generale per il coordinamento e lo sviluppo della Ricerca) (REPRISE, Register of Expert Peer Reviewers for Italian Scientific Evaluation, since September 30th 2015)

Referee for Toxicology Letters, Analytical Biochemistry, Analytical Methods, Prevention & Research.

The scientific activity of Prof. Nadia Miraglia, has been conducted, before the current affiliation, first at the Department of Public Health and Social Security, University of Naples "Federico II" (currently Department of Advanced Biomedical Sciences – Forensic Medicine, Histology and Anatomy Section) and then at the International Center for Mass Spectrometry Analysis of the Italian National Research Council (Centro Internazionale di Servizi di Spettrometria di Massa del CNR di Napoli - CISESMA), until discontinuation of the service.

Prof. Nadia Miraglia scientific activity is documented by publications in national and international journals, volumes' chapters and congress proceedings, and is mainly focused on occupational toxicology and ergonomics; in particular:

- 1. study and application Biomarkers for chemical agents exposure assessment and related health effects::
- 2. study of the interactions between chemical agents in environment/workplaces and biological macromolecules;
- 3. study and application of analytical techniques (mainly based either on Mass Spectrometry or on Atomic Absorption Spectroscopy) with toxicology and occupational hygiene purposes;
- 4. ergonomics in workplaces: risk assessment and health promotion.

In further detail, Prof. Miraglia macro-areas of interest are:

- 1) Study and application of biomarkers for chemical agents exposure assessment and related health effects::
  - Gas chromatography/mass spectrometry study of volatile aldehydes (hexanal and heptanal) as potential early biomarkers of lung tumors;
  - Study of the genetic-environmental interaction between exposure to metals (either occupational or environmental) and amyotrophic lateral sclerosis;
  - Study of the exposure to Cr VI in aeronautics workers;
  - Occupational risks in agriculture, industry and hospitals. In particular, risks due to the occupational exposure to pesticides, organic solvents, epoxides, anaesthetic gases and antiblastic drugs.
- 2) Study of the interactions between the occupational/environmental exposure to chemical agents and biological macromolecules:
  - Evaluation of anthracyclines (doxorubicin, epirubicin) related cellular damage and prevention measures to be adopted in working contexts: toxicological studies on HaCat cells and permeability studies on gloves used as personal protective devices;
  - Study of interactions between nanoparticles and living organisms: action mechanisms and adverse effects;
  - Study of correlations between exposure to endocrine disruptors and pathologies of the reproductive apparatus: dosage of exposure biomarkers (lead and phthalates in blood and urines) and proteomic profiles determinations in biological fluids (peritoneal, follicular and seminal fluids);
  - -Study of the interactions between xenobiotics and cell macromolecules (hemoglobin adducts) aimed to the evaluation of the internal dose and/or the biological efficacious dose following the exposure to alkylating agents (methyl bromide, epichlorohydrin, butadiene, benzene).
- 3) Study and application of analytical techniques (mainly based either on Mass Spectrometry or on Atomic Absorption Spectroscopy) for toxicology and occupational hygiene purposes:
  - Study of Informative Reference Values of blood lead and urinary chromium and nickel within the Campania population for the evaluation of the exposure to lead, chromium and nickel;
  - Study and optimization of operational protocols for the evaluation of microclimate parameters in indoor workplaces;
  - Study and application of new analytical methodologies for the qualitative-quantitative analysis of drugs of abuse and psychotropic

2010-2014

2013-2016

From 2010 to date From 2005 to date

2010-2014

From 2010 to date

1999-2014

From 2010 to date

From 2014 to date

2011-2015

substances (alcohol, amphetamines, cannabinoids, opiates, cocaine, methadone, buprenorphine) in biological matrices (urine, hair) both by imunoenzymatic methods and by chromatography/mass spectrometry;

From 1997 to date

- Analytical techniques for environmental and biological monitoring purposes. In particular, quantitative determination of: benzene, toluene and their urinary metabolites (mercapturic acids); antiblastic drugs (cyclophosphamide, ifosphamide, 5-fluorouracil, doxorubicin, epirubicin) in environmental and urinary matrices; metals (lead, copper, chromium etc.) in blood and urine; Volatile Organic Compounds and Polycyclic Aromatic Hydrocarbons in the environment; anaesthetic gases (nitrogen protoxide, sevorane, desfluorane) in environmental and biological matrices.

Ergonomics in workplaces:

From 2014 to date

- Inertial sensors and surface electromyography: risk assessment of biomechanical overload related to driving posture.

### RESEARCH PROJECTS

Date

Sep-Dec 2021

Project

**Research project Occupational Medicine Residency** 

Title

Risk from solar ultraviolet radiation in outdoor workers: prevention profiles

and health protection policies (thesis topic)

Role

Member of the research unit (Resident tutor)

Collaborators

INAIL, Health Superintendency Campania Region (Co-tutor, dott. Angelo

Lauro, dott. Roberto Ucciero )

Date

May 2021-2022

Project *Title* 

**Preventative project INAIL - Regional Section Campania** (sponsored)

Questionnaire and informative reference values of urinary cadmium in the general population of Campania, as tools for the interpretation of

monitoring data

Role

Principal Investigator (scientific contact person)

Collaborators

Inail- Regional Section Campania

Date

April 2021-2022

Proiect

**Preventative project INAIL - Regional Section Campania (sponsored)** 

Title

Occupational risks in analysis and research laboratories: training and

information for workers

Role

Principal Investigator (scientific contact person)

Collaborators

Inail- Regional Section Campania

Date

June 2019-December 2020

Proiect

**Preventative project INAIL - Regional Section Campania** (sponsored)

Title Risk assessment and prevention of occupational diseases from exposure to polycyclic aromatic hydrocarbons

Role

Principal Investigator (scientific contact person)

Collaborators

Inail- Regional Section Campania

Date

Nov 2018-2019

Project

**Research project Occupational Medicine Residency** 

Title

Silica: the risk for workers in the third millennium (thesis topic)

Role

Member of the research unit (Resident tutor)

Collaborators

INAIL, Central Health Superintendency (Rome), III Sector: Prevention and Safety in the workplace, Research (Co-tutor, dott. Pasquale Di Palma)

Date

Nov 2018-2019

Project

Research project Occupational Medicine Residency

Title

Asbestos: a risk of the past? (thesis topic)

Role

Member of the research unit (Resident tutor)

Collaborators

INAIL, Central Health Superintendency (Rome), III Sector: Prevention and Safety in the workplace, Research (Co-tutor, dott. Pasquale Di Palma)

Date

May 2018-2019

Project Title Agreement Vanvitelly University, Experimental Medicine Department and Leonardo S.p.A. Divisione aerostrutture 21

Evaluation of exposure to carcinogens (strontium chromate) through an occupational epidemiological study among workers of aircraft assembly units

Role

Principal Investigator

**Collaborators** 

Leonardo S.p.A., Plant in Pomigliano d'Arco NA, Italy

Date

March 2018-2019

Project | Research Proje

Research Project - National Operating Program-PON Research and Innovation 2014-2020 – Industrial PhD program 2017 "Environment, design and innovation" PhD program, XXXIII cicle

Title

Anthropometric variability and biomechanical overload: innovative methods for risk assessment in the automotive industry Coordinator of the Research Unit (tutor)

Role

Collaborators

- -Department of engineering -Laboratory for machinery design and construction, prof. F. Caputo (Co-tutor)
- -Istituto Pedro Nunes- Associação para a Innovação e Desenvolvimento em Ciência e Tecnologia (Coimbra, Portogallo), prof. Antonio Lindo da Cunha (foreign tutor)
- Istituto nazionale Assicurazione Infortuni sul Lavoro-INAIL (National Institute for Insurance against Accidents at Work) –Department of Medicine, Epidemiology, Occupational and Environmental Hygiene Laboratory of Phisiology, Ergonomy, Posture and Movement (Monte Porzio Catone -RM-) dott. F. Draicchio (Co-tutor)

Date

2014-2018

Project

**Research project** –Occupational medicine, "Environment, design and innovation" PhD program, XXX cicle

Title

Ergonomics in workplaces. Inertial sensors and surface electromyography: risk assessment of biomechanical overload related to incongruous posture. Coordinator of the Research Unit (tutor)

Role Collaborators

- -Department of industrial engineering and information-Laboratory for machinery design and construction.
- Istituto nazionale Assicurazione Infortuni sul Lavoro-INAIL (National Institute for Insurance against Accidents at Work) –Department of Medicine, Epidemiology, Occupational and Environmental Hygiene Laboratory of Phisiology, Ergonomy, Posture and Movement (Monte Porzio Catone -RM-)
- -FCA Italy SpA Ergonomy Laboratory "ErgoLab" (TO)

Date June 2017-2018

Project Departmental research project for Associate Professors- 2017

(sponsored)

Title | Evaluation of the prevalence of "borderline" latent tubercolosis infection in

a sample of medicine students

Role | Co-principal investigator (Principal investigators: Nadia Miraglia, MED44;

Gabriella Di Giuseppe, MED43)

Collaborators | Collaboration among different SSD within the Department of Experimental

Medicine: MED 43, MED 44, MED 07

Date | April 2017-2018

Project | Research project INAIL - Regional Section Campania (sponsored)

Title | Work related pathologies in ceramic industry: information on chemical and

cancerogenic risk and prevention promotion

Role | Principal Investigator (scientific contact person)

Collaborators | Inail- Regional Section Campania

Date | June 2014-2017

Project | Research project INAIL - Regional Section Campania (sponsored)

Title | Study of the exposure to solvents in rubber and plastic industry, through

environmental and biological investigations

Role | Principal Investigator (scientific contact person)

Collaborators | Inail- Regional Section Campania

Date | 2014-2017 (to date)

Project | Research project – Occupational medicine

Title | Evaluation and application of analitic techniques for environmental and

biologic monitoring: focus on exposure to Cr VI in aeronautics workers.

*Role* | Coordinator of the Research Unit

Collaborators | Fondazione Maugeri, Pavia

Date | 2013-2015

Project | Research project – Occupational medicine

Title | Study of the genetic-environmental interaction between (occupational and

environmental) exposure to metals and amyotrophic lateral sclerosis.

*Role* | Principal Investigator (scientific contact person)

Collaborators | Department of Medicine, Surgery, Neurology, Metabolic Diseases and

Aging, SUN

Date | 2014-2015

Project | National Operating Program-PON01 01585 (sponsored)

Title Innovative products for environmental monitoring and

decontamination/detoxification of nervine and explosive agents and for

emergencies management

Role | Member of the Research Unit

Date | 2014-2015

Project | National Operating Program-PON01 01226 (sponsored)

Title | From nutraceutical to drug: NUTRAFAST integrated strategies

Role | Member of the Research Unit

Date | 2012-2014

Project | Research project INAIL - Regional Section Campania (sponsored)

Title

Definition of reference values for urinary chromium and nickel and blood lead within the Campania population as a necessary tool for the evaluation of the occupational exposure to chromium, nickel and lead

Role

Principal Investigator (scientific contact person)

Collaborators

Inail- Regional Section Campania

Date

2010-2015

Project

Research project -Occupational medicine

*Title* 

Relationship between exposure to endocrine disruptors and reproductive system pathologies (endometriosis): quantification of exposure biomarkers (urinary and blood lead and phthalates) and determination of peritoneal fluid peptidomic profile with mass spectrometry MALDI-TOF for endometriosis biomarkers identification.

Role

Member of the Research Unit

Collaborators

- Department of woman, child and general-specialistic surgery (ex Department of Obstetrics and Gynaecology)
- Nutrition Science Institute (ISA), C.N.R. Avellino.
- Department of Advanced Biomedical Sciences Forensic Medicine, Histology and Anatomy Section – University of Naples "Federico II"

Date

2010-2013

Project

Research project INAIL – Main Section (sponsored)

Title

Healthcare of the working-woman: identification of exposure and effect biomarkers aimed to the evaluation of the sterility risk from chemical agents

Role

Member of the Research Unit

Date

2008-2010

Proiect

Research project INAIL - Regional Section Campania (sponsored)

Title

Optimization and validation of innovative techniques for the environmental and biological monitoring of the exposure to organic solvents in workplaces

Role

Member of the Research Unit Inail- Regional Section Campania

Collaborators

Date 2007-2008

Project

Project ISPESL- Istituto Superiore per la Prevenzione e la Sicurezza del Lavoro (Institute for Prevention and Safety in Workplaces) B1-2/DIL/05 (sponsored)

Title

Nanoparticles from combustion: chemical characterization and genotoxicity evaluation

Role

Member of the Research Unit

Date | 2003-2005

Project

PRIN prot. 2003063319 004 -Unità di Ricerca UO5

*Title* 

Interaction between benzene and biological macromolecules: molecular dosimetry studies and exposure evaluation

Role

Member of the Research Unit

Date

2003-2005

Project

Project ISPESL B71/DIL/03

*Title* 

Evaluation of risks due to the occupational exposure to acrilamide monomer through the determination of the biological efficacious dose- ISPESL Grant for Research Activity 2003, Thematic Area n.8: Identification,

measurement and evaluation of risks from chemical, physical and biological agents

Role

Member of the Research Unit

Date

2002-2005

Project

Research Project Health Ministry – Main Division for Health Reasearch - art.12 bis Decreto Legislativo 229/99

Title

Optimization of analytical methodologies for the environmental and biological monitoring" (code PMS/17/001/UO3)- project "Risk assessment during antiblastic drugs handling in health facilities"

Role

Member of the Research Unit

### **HEALTHCARE ACTIVITY**

- Jan 2018 to date
- Nov 2016-Jan 2018
- From August 2008 to November 2016

I level Health Executive – Occupational Medicine Unit of the University Regional Hospital- University of Campania L. Vanvitelli – Integrated Department of Public Health and Laboratory Facility. As part of the activities of the UOS of Occupational Medicine, Prof. Miraglia collaborates in the organization of training/information programs and participates in the assessment of difficult fitness for work.

Referent of the Activity of Chemical Risk Prevention in Workplaces of the University Regional Hospital-Second University of Naples-Integrated Department of Public Health and Laboratory Facility

I level Health Executive - Facility for Chemical Risk Prevention in Workplaces of the University Regional Hospital-Second University of Naples – Integrated Care Department of Internal and Specialistic Medicine, Historical Center Section.

Prof. Nadia Miraglia organized and coordinated the optimization and the execution of occupational toxicology investigations such as, in particular, environmental monitoring investigations in workplaces of the University Regional Hospital and biological monitoring investigations carried out on workers and patients followed at the Second University of Naples, the University Regional Hospital or other Regional Healthcare Facilities. As a result of her healthcare activity, Prof. Miraglia has redacted Guidelines and Operative Manual for University Hospital workers exposed to antiblastic drugs.

### TEACHING ACTIVITY

Prof. Nadia Miraglia teaches in degree courses, PhD programs, residency programs, masters and specialization courses since 2000.

• AA 22-23

Course Institution/Location Teaching

### **Study Course in Nursing**

University of Campania L. Vanvitelli Occupational Medicine (II year, 1CFU, 25h) Course

**Forensic Medicine Residency** 

Institution/Location

University of Campania L. Vanvitelli

Occupational Medicine (II year, 1CFU, 25h) Teaching

Course

Degree Course: Medicine and Surgery

Institution/Location

University of Campania L. Vanvitelli, Locations Caserta, Napoli

Occupational Medicine [in Italian] (within the Integrated Course: Teaching Occupational and Legal Medicine)

Course

Study course in Medicine and Surgery

Institution/Location

University of Campania L. Vanvitelli

Occupational Medicine [in English] (within the Integrated Course:

Teaching Occupational and Legal Medicine)

Course

Degree Course: Prevention techniques in the environment and in the workplace

Institution/Location

University of Campania L. Vanvitelli

Teaching

-Prevention of injuries and occupational diseases (IC of Prevention sciences in the workplace-II year)

-Occupational Toxicology (IC of Toxicology in Environment and

Workplace—III year)

Course

Degree Course: Medical radiology techniques for images and radiotherapy

Institution/Location

University of Campania L. Vanvitelli. Locations: Vanvitelli, AORN

Cardarelli

**Teaching** 

Occupational Medicine (IC of Fundamentals of Organization of Health

Services)

Course

Degree Course in **Obstetrics** 

Institution/Location

University of Campania L. Vanvitelli

Teaching

Occupational medicine (IC: Prevention in gynecology and obstetrics)

Course

Degree in **Nursing** 

Institution/Location

University of Campania L. Vanvitelli

Teaching

Occupational medicine [Italian] (IC: Preventive and community nursing)

Course

**Occupational Medicine Residency** 

Institution/Location **Teaching**  University of Campania L. Vanvitelli

-Occupational Medicine and the occupational risks (I year)

-Occupational Toxicology and Industrial Hygiene (I year)

-Chemical risk agents (II year)

-Occupational risks assessment and management (II year)

- Physical agents: noise, vibrations, electromagnetic fields, artificial optical radiations

- Occupational Safety Management Systems (IV year)

AA 21-22

**Forensic Medicine Residency** 

Course Institution/Location

University of Campania L. Vanvitelli

Teaching

Occupational Medicine (II year, 1CFU, 25h)

Course

Degree Course: Medicine and Surgery

Institution/Location

University of Campania L. Vanvitelli, Locations Caserta, Napoli

Teaching

Occupational Medicine [in Italian] (within the Integrated Course:

Occupational and Legal Medicine)

Course

**Study course in Medicine and Surgery** 

Institution/Location

University of Campania L. Vanvitelli

Occupational Medicine [in English] (within the Integrated Course:

Teaching

Occupational and Legal Medicine)

Course

Degree Course: Prevention techniques in the environment and in the workplace

Institution/Location

University of Campania L. Vanvitelli

Teaching

-Prevention of injuries and occupational diseases (IC of Prevention sciences in the workplace-II year)

-Occupational Toxicology (IC of Toxicology in Environment and Workplace—III year)

Course

Degree Course: Medical radiology techniques for images and radiotherapy

Institution/Location

University of Campania L. Vanvitelli. Locations: Vanvitelli, ASL-NA1, AORN Cardarelli

Teaching

Occupational Medicine (IC of Fundamentals of Organization of Health Services)

Course

Degree Course in **Obstetrics** 

Institution/Location

University of Campania L. Vanvitelli

**Teaching** 

Occupational medicine (IC: Prevention in gynecology and obstetrics)

Course

Degree in **Nursing** 

Institution/Location

University of Campania L. Vanvitelli

Teaching

Occupational medicine (IC: Preventive and community nursing)

Course

**Occupational Medicine Residency** 

Institution/Location Teaching

University of Campania L. Vanvitelli

-Occupational Medicine and the occupational risks (I year)

-Industrial Hygiene (I year)

Course

Teaching

-Occupational Toxicology (I year)

Institution/Location

-Chemical risk agents (II year)

-Indoor and outdoor pollution (II year)

-Occupational risks assessment and management (II year)

- Physical agents: noise, vibrations, electromagnetic fields, artificial optical radiations

- Occupational Safety Management Systems(IV year)

AA 20-21

Course

**Forensic Medicine Residency** 

Institution/Location Teaching

University of Campania L. Vanvitelli

Occupational Medicine (II year, 1CFU, 25h)

Course

Degree Course: Medicine and Surgery

Institution/Location Teaching

University of Campania L. Vanvitelli, Locations Caserta, Napoli

Occupational Medicine [in Italian] (within the Integrated Course: Occupational and Legal Medicine)

Course

Optional Teaching Activity, Attività Didattica Elettiva, ADE (Degree **Course Medicine and Surgery**)

*Institution/Location* Teaching University of Campania L. Vanvitelli, Locations Caserta, Napoli

Assessment and management of health risks due to the occupational exposure to chemical agents

Course

**Study course in Medicine and Surgery** 

Institution/Location

University of Campania L. Vanvitelli

Teaching

Occupational Medicine [in English] (within the Integrated Course: Occupational and Legal Medicine)

Course

Degree Course: Prevention techniques in the environment and in the workplace

Institution/Location

University of Campania L. Vanvitelli

Teaching

-Prevention of injuries and occupational diseases (IC of Prevention sciences in the workplace-II year)

-Occupational Toxicology (IC of Toxicology in Environment and Workplace—III year)

Course

Optional Teaching Activity, Attività Didattica Elettiva, ADE (Degree Course Prevention techniques in the environment and in the workplace) University of Campania L. Vanvitelli

Institution/Location

Teaching

Environmental and biological monitoring for the assessment and management of health risks due the occupational exposure to carcinogens

Course

Degree Course: Medical radiology techniques for images and radiotherapy

Institution/Location

University of Campania L. Vanvitelli. Locations: Vanvitelli, ASL-NA1, AORN Cardarelli

Teaching

Occupational Medicine (IC of Fundamentals of Organization of Health Services)

Course

Degree Course in **Obstetrics** 

Institution/Location

University of Campania L. Vanvitelli

Teaching

Occupational medicine (IC: Prevention in gynecology and obstetrics)

Course

Degree in **Nursing** 

Institution/Location

University of Campania L. Vanvitelli

Teaching

Occupational medicine (IC: Preventive and community nursing)

Course

**Occupational Medicine Residency** 

Institution/Location Teaching University of Campania L. Vanvitelli

-Occupational Medicine and the occupational risks (I year)

-Industrial Hygiene (I year)

-Occupational Toxicology (I year)

-Chemical risk agents (II year)

-Indoor and outdoor pollution (II year)

-Occupational risks assessment and management (II year)

- Physical agents: noise, vibrations, electromagnetic fields, artificial optical radiations

- Occupational Safety Management Systems(IV year)

AA 19-20

Course **Forensic Medicine Residency** 

Institution/Location | University of Campania L. Vanvitelli

Teaching Occupational Medicine (II year, 1CFU, 25h)

Course Degree Course: Medicine and Surgery

University of Campania L. Vanvitelli, Locations Caserta, Napoli Institution/Location

Occupational Medicine [in Italian] (within the Integrated Course:

Occupational and Legal Medicine)

Course Optional Teaching Activity, Attività Didattica Elettiva, ADE (Degree Course Medicine and Surgery)

University of Campania L. Vanvitelli, Locations Caserta, Napoli Institution/Location

Assessment and management of health risks due to the occupational exposure to chemical agents

Course **Study course in Medicine and Surgery** 

University of Campania L. Vanvitelli Institution/Location

Teaching Occupational Medicine [in English] (within the Integrated Course: Occupational and Legal Medicine)

Degree Course: Prevention techniques in the environment and in the Course workplace

University of Campania L. Vanvitelli Teaching

-Prevention of injuries and occupational diseases (IC of Prevention sciences in the workplace-II year)

-Occupational Toxicology (IC of Toxicology in Environment and Workplace—III year)

Optional Teaching Activity, Attività Didattica Elettiva, ADE (Degree Course Prevention techniques in the environment and in the workplace)

University of Campania L. Vanvitelli

Environmental and biological monitoring for the assessment and management of health risks due the occupational exposure to carcinogens

Degree Course: Medical radiology techniques for images and radiotherapy

University of Campania L. Vanvitelli. Locations: Vanvitelli, ASL-NA1, AORN Cardarelli

Occupational Medicine (IC of Fundamentals of Organization of Health Services)

Degree Course in **Obstetrics** 

University of Campania L. Vanvitelli

Occupational medicine (IC: Prevention in gynecology and obstetrics) Teaching

Degree in Nursing

University of Campania L. Vanvitelli

Occupational medicine (IC: Preventive and community nursing)

**Occupational Medicine Residency** University of Campania L. Vanvitelli

-Occupational Medicine and the occupational risks (I year)

-Industrial Hygiene (I year)

-Occupational Toxicology (I year)

-Chemical risk agents (II year)

-Indoor and outdoor pollution (II year)

-Occupational risks assessment and management (II year)

Teaching

Teaching

Institution/Location

Course

Institution/Location Teaching

Course

Institution/Location

Teaching

Course

*Institution/Location* 

Course

Teaching

Institution/Location Teaching

Course Institution/Location

- Physical agents: noise, vibrations, electromagnetic fields, artificial optical radiations
- Occupational Safety Management Systems(IV year)

### AA 18-19

Course

Degree Course: Medicine and Surgery

Institution/Location Teaching University of Campania L. Vanvitelli, Locations Caserta, Napoli

Occupational Medicine (within the Integrated Course: Occupational and Legal Medicine)

Course

Optional Teaching Activity, Attività Didattica Elettiva, ADE (Degree Course **Medicine and Surgery**)

Institution/Location Teaching University of Campania L. Vanvitelli, Locations Caserta, Napoli

Assessment and management of health risks due to the occupational exposure to chemical agents

Course

Degree Course: Prevention techniques in the environment and in the workplace

Institution/Location

University of Campania L. Vanvitelli

Teaching

Prevention of injuries and occupational diseases (IC of Prevention sciences

in the workplace)

Course

Optional Teaching Activity, Attività Didattica Elettiva, ADE (Degree Course Prevention techniques in the environment and in the workplace) University of Campania L. Vanvitelli

Institution/Location

Teaching

Environmental and biological monitoring for the assessment and

management of health risks due the occupational exposure to carcinogens

Course

Degree Course: Medical radiology techniques for images and radiotherapy

Institution/Location

University of Campania L. Vanvitelli. Locations: Vanvitelli, ASL-NA1, AORN Cardarelli

Teaching

Occupational Medicine (IC of Fundamentals of Organization of Health Services)

Degree Course in **Obstetrics** Course

Institution/Location

University of Campania L. Vanvitelli

Teaching

Occupational medicine (IC: Prevention in gynecology and obstetrics)

Course

Degree in **Nursing** 

Institution/Location **Teaching**  University of Campania L. Vanvitelli

Occupational medicine (IC: Preventive and community nursing)

Course Institution/Location

**Occupational Medicine Residency** 

University of Campania L. Vanvitelli

-Occupational Medicine and the occupational risks (I year)

- -Industrial Hygiene (I year)
- -Occupational Toxicology (I year)
- -Chemical risk agents (II year)
- -Indoor and outdoor pollution (II year)
- -Occupational risks assessment and management (II year)
- Physical agents: noise, vibrations, electromagnetic fields, artificial optical radiations
- Occupational Safety Management Systems(IV year)

Teachings