

## **CURRICULUM VITAE**

**DR. ALDO MARRONE**

### **PRESENT POSITION:**

Researcher, Assistant Professor and Clinical Assistant at Division of Internal Medicine and Hepatology, University of Campania “Luigi Vanvitelli”, Naples (Italy)

### **EDUCATION:**

**1992:** Specialist in Infectious Diseases. Medical School, University of Campania “Luigi Vanvitelli”, Italy.

**1988:** Graduated with full marks at the Medical School, Federico II of Naples, Italy

### **CLINICAL EXPERIENCE:**

**2000 – to now:** Clinical Assistant, Division of Internal Medicine and Hepatology, Medical School University of Campania “Luigi Vanvitelli”

**1998 – 2000:** Clinical Assistant, Division of Infectious Diseases, Ospedale Cotugno, Naples

**1988 – 1994:** Resident at the Institute of Medical Therapy, Medical School, II University of Naples, Italy.

**1990 – 1992:** Theoretical-Practical Training in General Medicine

### **RESEARCH EXPERIENCE and FELLOWSHIPS:**

**1994 - 1997:** Fogarty Postdoctoral Fellowship, NIH Bethesda (USA)

**1993 - 1994:** National Council for Research (CNR, Italy)

**1991 – 1992:** National Council for Research (CNR, Italy)

### **TRAINING AND THEORETICAL-PRACTICAL COURSES PERFORMED AT THE NATIONAL INSTITUTE OF HEALTH (NIH), BETHESDA, USA:**

1) Polymerase Chain Reaction and molecular hybridization technology (18 theoretical hours, 30 laboratory hours)

2) Immunochemistry and Monoclonal Antibody Production (18 theoretical hours, 30 laboratory hours)

3) Recombinant DNA Methodology I (18 theoretical hours, 30 laboratory hours)

4) Recombinant DNA Methodology II (18 theoretical hours, 30 laboratory hours)

5) Core course in Clinical research (30 hours)

## **THEORETICAL-PRACTICAL LABORATORY COURSES PERFORMED IN ITALY:**

- 1) Immunofluorescence for the detection of autoantibodies in the diagnosis of autoimmune diseases.
- 2) MEIA-FPIA technologies applied to the ABBOTT IMX instrument
- 3) Diagnostics of infectious diseases (DNA probes)
- 4) DNA probes: from molecular biology to the diagnostic laboratory
- 5) The current role of the laboratory in the detection of bacteraemia.

## **TEACHING ACTIVITY**

- 2017 to date: Internal Medicine in the Master's Degree in Medicine and Surgery at the School of Medicine and Surgery, University of Campania "Luigi Vanvitelli"
- 2015 to date: "Methods in Clinics" course, Degree in Medicine and Surgery in English at the School of Medicine, University of Campania "Luigi Vanvitelli"
- 2015 to date: Internal Medicine Teaching Degree Course in Nursing Sciences at the School of Medicine and Surgery, University of Campania "Luigi Vanvitelli"
- 2009 to date: Medical Methodology in the Master's Degree in Medicine and Surgery at the School of Medicine and Surgery, University of Campania "Luigi Vanvitelli"
- 2008 - 2011: Infectious Urgency and Medical Therapy, School of Specialization in Internal Medicine, University of Campania "Luigi Vanvitelli"
- 2008 to date: Professor of the School of Specialization in Internal Medicine, University of Campania "Luigi Vanvitelli"
- 2000 to date:
  - tutor for post-graduate internship in Internal Medicine, School of Medicine, University of Campania "Luigi Vanvitelli"
  - tutor for undergraduate graduates in Medicine and Surgery and specialists in Internal Medicine at the School of Medicine, University of Campania "Luigi Vanvitelli".
- 2011 to date: Professional Training Activities (AFP) in the courses of Clinical Methodology and Medical Methodology, Master's Degree in Medicine and Surgery, at the School of Medicine and Surgery, University of Campania "Luigi Vanvitelli"
- 1999: supplementary course in Internal Medicine on "Hepatitis virus infections: pathogenic and clinical aspects", School of Medicine and Surgery of the University of Campania "Luigi Vanvitelli"
- 2005 - 2007: Medical-Surgical Emergencies at the School of Medicine and Surgery, University of Campania "Luigi Vanvitelli"

- 2005 - 2007: course of "Chronic Hepatitis from HBV: molecular diagnostics and clinical and therapeutic implications" in the field of Elective Education Activities (ADE), Degree Course in Medicine and Surgery of Naples, University of Campania "Luigi Vanvitelli "
- 2014 - 2015: course of "Clinic and treatment of hepatobiliary diseases" in the context of the Elective Didactic Activities (ADE), Degree Course in Medicine and Surgery of Naples, University of Campania "Luigi Vanvitelli"
- 2001 - 2007: Teaching Committee PhD in Microbiological, Experimental and Clinical Sciences (17th, 18th, 19th, 20th, 21st, 22nd, 23rd cycles)
- 2008 - 2012: Teaching Committee PhD Program in Microbiological Sciences (24th, 25th, 26th, 27th, 28th cycle)
- 2013 - 2018: Teaching Committee PhD Program in Clinical and Experimental Medical Sciences (29th, 30th, 31st, 32nd cycle)
- 2018 -2019: Teaching Committee PhD Program in Translational Medicine (34th cycle)

#### **CLINICAL ACTIVITY:**

##### **Clinical, diagnostic and therapeutic management of inpatient and outpatient:**

- with internal medicine disease
- with acute and chronic hepatitis (chronic viral, metabolic and autoimmune hepatitis, compensated and decompensated liver cirrhosis, hepatocellular carcinoma, etc.)
- patient with infectious diseases (in particular: fever of n.d.d., endocarditis, sepsis, infectious neuropathy)
- immunocompromised patient (oncohaematological, heart transplanted)

#### **RESEARCH TOPICS:**

##### **VIRAL HEPATITIS (HBV, HCV, HDV):**

- Epidemiological, clinical and therapeutic features of chronic viral hepatitis (HBV, HCV, HDV) and of its complications
- HBV mutants: molecular characterization and clinical impact
- HBV fulminant hepatitis
- Molecular, serological and cytokine characterization of chronic HBV and HCV infection
- HBV, HDV and HCV standard and experimental treatments
- Extra-hepatic HCV manifestations:
- Occult HBV reactivation in patients with hematologic malignancies.
- NAFLD and NASH

- The effect of sub-MICs of antimicrobial agents on phagocytosis and killing of viable bacteria by peritoneal murine macrophages
- Hepatitis G virus coinfection in patients with chronic C and B hepatitis.

## **PROPHYLAXIS AND TREATMENT OF INFECTIONS IN PATIENT WITH HEART TRANSPLANTATION**

### **UDP GLUCURONYLTRANSFERASE SYSTEM:**

### **ANTIBIOTICS-BACTERIA-FAGOCITES INTERACTION:**

### **MALARIA**

### **EBV INFECTION AND MULTIPLE SCLEROSIS**