

LAURA DI RENZO



**CURRICULUMVITAE**

**Personal details:**

Name: Laura Di Renzo

Date of birth: 05/06/1965

Citizen: Italian

Education: Doctoral degree in Pharmacy, summa cum laude  
Doctoral degree in Human Nutrition Science,  
summa cum laude  
Philosophy doctoral (PhD) in Molecular and  
Cellular Biology  
Specialization in Food Science  
State exam for professional qualification  
as Pharmacist  
State exam for professional qualification  
as Biologist

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Ass

Position

Associated Professor at Division of Clinical Nutrition  
and Nutrigenomic, Department of Biomedicine and  
Prevention University of Tor Vergata, Via Montpellier 1, 00133

Rome, Italy.

#### Research area

Research areas involve: nutritional genomic (Nutrigenetic and Nutrigenomic); human body composition; nutritional biochemistry; metabolism and bioenergetics; nutritional assessment; high throughput screening in drug discovery; epigenetic (role of DNA methylation); food chemistry.

#### **Institutional position**

Since 2012 she coordinates the Research and Experimentation Group of the Medicinal Plants chain at Ministry of Agriculture Food and Forestry (20/12/2013, n. 0066562).

She is nominated as Scientific Expert at Ministry of Agriculture Food and Forestry of: 1) the Organic Agriculture Sector Group "EG\_Bio.", Ministry of Agriculture Food and Forestry (06/12/2013 n. 18180 );

2) the Technical and Scientific Research Office, General Directorate for Rural Development DISR IV, for the reform of rural development for the programming period 2014 to 2020- Research and Innovation in agriculture food and forestry, Ministry of Agriculture Food and Forestry (10/18/2013 n. 0020214); 3) Territorial marketing and multifunctionality Group of Nut Chain.

She is component of the Executive Council of the Center of Training, Upgrading and Promoting Health Professions (CIFAPPS), University of Rome Tor Vergata (R.D. n.1844 of 05/06/2013).

#### **Editorial activity:**

Publisher of electronic multidisciplinary magazine: "PATTO in Magazine", the magazine registered information to the Court of Rome Press No. 151 of July 11, 2016.

Component of Editorial Board of Biomedicine and Prevention, section: Nutrition

Component of Editorial Board of Journal Traslational Medicine, section: Nutrition & Metabolism

Component of Editorial Board of Eating and Weight Disorders Journal

Component of Editorial Board of Rivista di Patologia dell'Apparato Locomotore , della Società Italiana di Patologia dell'Apparato Locomotore (SIPAL), dal Novembre 2011

Component of Editorial Board of: "OLOS. AREA LINGUAGGI E COMUNICAZIONE". Ed. UniversItalia Roma

**Research areas:**

a) nutritional genomic (Nutrigenetic and Nutrigenomic); b) human body composition and correlations with gene expressions and Single Nucleotide Polymorphisms (SNPs) of obesity related genes; c) assessment the susceptibility to X-Ray damage and repair during in vitro myogenesis; d) role of DNA methylation in the differentiation; e) cloning of a new cell line system (HeLa S3-HBV) expressing the entire genome of HBV; f) characterization of engineered HCV-NS3 protease inhibitors; g) cDNA synthesis, cloning and infection-expression of a chimeric HCV-Sindbis virus in cultured cell lines; h) cDNA synthesis, cloning and expression of a chimeric HIV promoter-HCV NS2 NS3 protein in cultured cell lines; i) development of cell-based assays and automatized in vitro assays for large scale random screening of chemical compounds with potential pharmacological activity on pathologically relevant targets such as HBV polymerase, HCV (Hepatitis C virus) protease and HIV-Reverse transcriptase.

