Curriculum vitae

Name: Kamilia Laarej.

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Citizenship: Italian

Work address: S.C. Cardiologia . Fondazione IRCCS Policlinico San Matteo, Pavia, Italy

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Summary:

12 years: of experience research activities Fondazione IRCCS Policlinico San Matteo, Pavia Italy after Bachelor's Degree in Biotechnology (First level)

5 years: managing students in organizing, developing, and editing written works, lab assistant

4 years: Writing, reviewing and content editor.

1 year: Stage in Regulatory Affairs in Merck Sharp & Dohme

8 Mouths: Study Coordinator in Cardiology in CCU of IRCCS Policlinico San Matteo in Pavia

Work experience

September 2017 at now: At the moment I am working as a study coordinator (Voluntary). I'm curing clinical studies in Cardiovascular Clinical Research Center (CCRC) in the Coronary Care Unit (CCU) of IRCCS Policlinico San Matteo in Pavia.

June 2016 to July 2017 - Winner of a research fellowship, Univeristy of Pavia, Title of the research project: "Auxoendocrinologiche disorders related to growth disturbance in children and adolescents" Department of Internal Medicine and Medical Therapy, University of Pavia at the Fondazione IRCCS Policlinico San Matteo;

June 2013 to 2016 - Research Fellow, University of Pavia, Division of Cardiology- Coronary Care Unit and Laboratory of Experimental Cardiology;

Marzo 2009 to 30 Maggio 2009 - Content Editor - Writing of scientific articles, occasional collaboration with Cesare Serono Fondation

21 June 2010 at 30 November 2010 - Stage: Merck Sharp Dohme, Regulatory Affairs / Quality control

June 2009 to 2012 - Research Fellow, University of Pavia, Department of Pediatric Sciences;

Study of the role of polymorphisms of the growth hormone receptor disorders accretion.

March 2008 to February 2009 - Research Fellow, University of Pavia, Department of Pediatric Sciences, Analysis of signal transduction of growth hormone (GH) in the lymphocytes of patients with partial resistance to GH;

March 2007 to February 2008 - Research Fellow, University of Pavia, Department of Pediatric Sciences; Study of bioactivity and resistance to growth hormone;

October 7, 2007 - November 5, 2007 "Short term visitor" at the Laboratories of Endocrinology Pediatric Hospital, Juan P. Garrahan in Buenos Aires, within the collaborative project entitled "Analysis of signal transduction of growth hormone (GH) in the lymphocytes of patients with partial GH resistance."

Education:

July 2001 - Bachelor's Degree in Biotechnology with Specialization in Industrial Biotechnology and II Level Master's Degree in Pharmaceutical Technology and Regulatory activities.

October 2002- March 2009: Title of the thesis of the degree: "Analysis of chimerism in pediatric patients with β-thalassemia and ¬ allogeneic stem cells from different sources, a researcher at the Fondazione IRCCS Policlinico San Matteo of Pavia, Pediatric Oncology, Director Prof. Franco Locatelli;

Title of master thesis in Industrial Biotechnology: Evaluation of the growth hormone receptor in a population of idiopathic short stature (ISS), in the science department of pediatric polyclinic San Matteo in Pavia, Auxology.

October 2009- March 2010: Thesis Master's Degree in technologies pharmaceutical regulatory activities: Temporary Shortages of medicines on the market due to production problems-legal requirements and ethical producers

24 June 2016 - Certification in CRA (clinical research associate), supervises, monitors, and supports the administration and progress of a clinical trial on behalf of a sponsor.

Experience in clinical coordination, online ICH GCP training courses.

• **September 1996 - July 2001** - Scientific high School

Languages:

Mother tongue - Italian, Arabic, French

Intermediate level - English

Basic level - Spanish

Skills and competences

Able to deal with professionals at different levels; management of scientific research projects (worked in various laboratories during bachelor's degree training in biotechnology at the University of Pavia and IRCCS Policlinico San Matteo, Pavia). Team-worker with a proactive attitude.

Technical skills:

Proficient in: Apple, Windows, Vista, Unix, Word, Excel, PowerPoint, Access. Good knowledge of remote databases. Proficient in the standard tools found in the research laboratory cell biology / molecular biology setting.

Laboratory skills:

Tissue homogenization, column and thin layer chromatography, fraction collection, spectrophotometry (UV/Vis), protein and enzyme assays,, HPLC, ultracentrifuge. Proficient in the use of the following techniques: Light and phase contrast microscopy, hemocytometer, sterile technique, cell culture, genomic DNA purification (Chlamydomonas), density gradient and differential centrifugation, subcloning and protein expression with plasmids, maintenance of E. coli cultures, liquid and agar media preparation, DNA manipulation, Southern and Western blots, radiolabelling, autoradiography separation through lymphocyte separation medium, DNA extraction, RNA extraction, preparation of products for sequencing and sequence analysis, construction and optimization of PCR methods, RT-PCR/production cDNA, real-time qPCR (gene expression). Electrophoretic techniques for proteins and nucleic acids on agarose gel or acrylamide (SSCP, PAGE, SDS-PAGE), Western Blotting, Silver Staining, ability to use ChemiDocTM XRS System for documentation of electrophoretic gels and nitrocellulose membranes.

Analytical instruments

Molecular Absorption Spectrophotometer; Emission Spectrophotometer (UV/Vis);

Atomic Force Microscope; Scanning Electron Microscope; Transmission Electron Microscope

Capillary Electrophoresis and electrophoretic gels and nitrocellulose membranes:

Tissue homogenization, column and thin layer chromatography, fraction collection, protein and enzyme assays, HPLC.

Clinical Research Study Coordinator skills:

Direct and supervise professionals responsible for completing clinical research projects, review study drug/visit adherence, overseeing participant enrollment, reinforcing protocols and procedures, randomize participants, dispense study drug, physical measurements and study BP measurement manage study supplies including study drug, data collection, data entry , review and sign CRFs, resolution for quality control reports, assessment of adverse events, and investigate& report outcome events and SAEs.

Demonstrated ability to support the management and coordinate the tasks of multiple clinical research studies.

Pavia 29/03/2018

Laarej Kamilia

I authorize the processing of my personal data pursuant to Italian D.L. 196 of June 30, 2003-