



PERSONAL INFORMATION

Caruso Claudia

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SeX F | Date of birth 12/01/1987 | Nationality Italiann

ESPERIENZA PROFESSIONALE

16/05/2019- on going

Biomedical laboratory technician

USL Tuscany North West, San Luca hospital,(Lucca)

12/11/2018-15/05/2019

Teacher of Science

High School Scientific "Buonarroti", Pisa (Pi)

Secondary School, "I.C. Falcone", Cascina (Pi)

01/03/2018- 9/11/2018

Research Scholarship

entitled "Valutazione degli effetti metabolici della T3 sulla secrezione delle chemochine nelle linee cellulari continue di fibroblasti"

Department of Clinical and Experimental Medicine, University of Pisa, Azienda Ospedaliero-Universitaria Pisana- Via Savi, 10 - 56126 Pisa- Italy

Business or Sector Research

26/06/2017-31/02/2018

Voluntary work activity

Department of Clinical and Experimental Medicine, University of Pisa, Azienda Ospedaliero-Universitaria Pisana- Via Savi, 10 - 56126 Pisa- Italy

- Preparation of primary cell cultures of thyrocytes, human fibroblasts, muscle and adipocytes.
- Preparation of immortalized cell cultures of thyrocytes.
- ELISA assays performed on cell culture supernatants and blood sera for the dosing of various analytes of inflammation mediators.
- Dosage of cytokines and chemokines with ELISA and Luminex tests
- Development of culture medium, maintenance and amplification of cell cultures
- In vitro tests, cell proliferation assays and apoptosis induced by cell cycle inhibitors on tumor cells using spectrophotometer and luminometer.

- Study of TSH action on thyroid cells, regulation of T3 / T4 secretion and systemic metabolic effects
- Study of diseases related to thyroid gland dysfunction

01/09/16–13/04/17

Thesis internship in Biomedical Laboratory Technician

Clinical chemical analysis laboratory- Azienda Ospedaliero-Universitaria Pisana, Cisanello, Pisa (Italy.)

During the thesis internship:

- Study preparation
- Recruitment and preparation of patients to test and compare two different sampling systems: monovette vs microvette
- Comparison test : microvette vs monovette (functional tests on the instruments present in the AOUP laboratory, alignment tests.
- Statistical data processing: Bland and Altman diagram, regression analysis.

Laboratory activities (hematology, coagulation, clinical chemistry):

- Internal quality control
- Preparation of a control card
- Control of the analytical phase
- Sample acceptance and centrifugation
- Instrumental analysis
- Technical validation of the analytical data

02/2014–01/2017

Professionalising internship activities

Internship in the TLB graduation course at AOUP laboratories, Pisa (Italy)

Activity of laboratory:

- Microbiological laboratory methods for diagnostic purposes (sowing samples on culture media
- Biochemical identification of the germ; mass spectrometry; antibiogramma
- Anatomic-pathological laboratory methods for diagnostic purposes (processing of histological specimens - formalized and extemporaneous - and cytological)
- Transfusion laboratory methods for diagnostic purposes (direct and indirect Coombs test, ABO typing, antibody titration)
- Laboratory analysis methods (coagulation, hematology, clinical chemistry) for diagnostic purposes. Cytofluorimetry techniques, spectrophotometry, photometry and colorimetry
- Laboratory pathology of clinical pathology (ELISA, RIA)

03/2014–10/2014

Nutritional consultant in pharmacy

Vivavoce s.r.l., Lucca (Italy)

2013

Author FAD course

entitled "Farmaci ad personam: lo stato dell'arte"

Briefing Studio s.r.l. Via Novecchio 10, 56121 Pisa (Italy)

01/09/2011–15/06/2012

Master training internship

University of Pisa - Experimental Pathology Department, Medical Biotechnology, Infectiology and Epidemiology. Via Savi 10, 56126 Pisa (Italy)

Laboratory activities:

- Cell culture techniques: development of culture media, maintenance and amplification of immortalized cell cultures (HeLa)
- extraction and quantification of proteins
- extraction and quantification of nucleic acids and gel electrophoresis
- PCR and Real Time PCR
- ELISA, Immunoblotting
- Transfection
- WST1
- Evaluation of cell death (Apoptosis: essay with Hoechst, Annexin V, Autophagy: staining with acridine orange and immunofluorescence, electron microscopy techniques)

Business or Sector Research

2008–07/2009

University training internship in "Scienze Biologiche Molecolari"

University of Pisa. Department of Pharmacology Via Savi 10, 56126 Pisa (Italy)

Laboratory activities:

- Experimental models of renal failure in rats
- ELISA assays
- Histological preparations
- Western Blot

Business or Sector Research

EDUCATION AND TRAINING

04/02/2014–13/04/2017

Three-year degree in Tecnico di Laboratorio Biomedico

Department of Clinical and Experimental Medicine Department of Surgical, Medical, Molecular and Critical Pathology Department of Translational Research and New Technologies in Medicine and Surgery UNIVERSITY OF PISA, Pisa (Italy)

Thesis title: " Il neonato pretermine: il ruolo del laboratorio nel migliorare le performance clinico- diagnostiche diminuendo i rischi trasfusionali"

Graduation grade: 110/110 cum laude

12/2013

Qualification for the profession of biologist

University of Pisa

The title was achieved in the session 2-2013

09/2009–15/06/2012

Master's degree in "Biologia Applicata alla Biomedicina"

Faculty of Mathematics, Physics and Natural Sciences, UNIVERSITY OF PISA, Pisa (Italy)

Thesis title: "Ruolo della GSTO1 (wt vs polimorfismo A140D) nell'acquisizione della chemioresistenza al trattamento con ATO (triossido d'arsenico)"

Graduation grade: 110/110 cum laude

09/2005–12/07/2009

Three-year degree in "Scienze Biologiche Molecolari"

Faculty of Mathematics, Physics and Natural Sciences, UNIVERSITY of PISA, Pisa (Italy)
Thesis title: "Studio degli eventi molecolari attivati durante l'ischemia/riperfusion"

Graduation grade: 104/110

09/2000–06/2005

Scientific high School degree

Liceo Scientifico Galileo Galilei, Modica (RG) (Italy)

Diploma grade: 96/100

2009

ECDL- Start

University of Pisa

Basic concepts of computer technology acquired:

- computer use and file management; -
- word processing;
- use of the spreadsheet;
- use of electronic mail;
- use of the Internet.

PERSONAL SKILLS

mother tongue **italian**

other language(s) **English**

UNDERSTANDING		SPEAKING		WRITING
LISTENING	READING	SPOKEN INTERACTION	LISTENING	
Good	Good	Good	Good	Good

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Skills communication

Ability to work in a team matured in situations where collaboration between different professionals was necessary.
Particular aptitude to socialize with other people gained in the experience of studying off-site.

Expertise organizational and management

Ability to work independently, acquired during university internship; good predisposition to face problems that may arise during work.

Job-related skills

Skills in the use of laboratory methods in the biomedical field:
Dosing of analytes: chemokines and cytokines (ELISA and LUMINEX assays)
Immunoenzymatic (ELISA) and immunoradioactive (RIA) techniques
Preparation of primary and immortalized cell cultures of thyrocytes, human fibroblasts, muscle and adipocytes
Handling of blood and tissue samples

Courses - Course FAD n°181624.By-Business Center Srl. 20/01/2018. "Alimentazione consapevole e sana nutrizione"
- Course ECDL Spacialised IT Security. Florence. 22/06/2017 Mediastaff IST.Kant La Spezia- Test center AICA AJBA0001
- Congress FITeLab Regione Toscana. 15/01/2015. Ospedale Cisanello (Pisa). "Il laboratorio nell'infertilità e nella procreazione medicalmente assistita. Dalla decisione alla gravidanza."
- Congress "Nutrizione e Benessere" Lucca 08/03/2012
- CourseACSIAN. Jolly NH Hotel Cavalieri, Pisa. From 07/05/2011 al 26/06/2011 " Il biologo nutrizionista".

Data

Pisa, 7/07/2019

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Firma

