

EUROPEAN CURRICULUM VITAE



PERSONAL INFORMATION

Name **Roberta Daniela Stradoni**
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Nationality **Italian**
Tax code **STRRRRT75H53F727T**
Date of birth **13/06/1975**

WORK EXPERIENCE

From 01/01/2011 to today
Employer's name and address Dott. Mauro Krampera
Central office LURM – University laboratory of Medical Research - Ospedale Policlinico "G.B. Rossi"
P.le L.A. Scuro 10, 37134 Verona
Kind of company or sector Laboratory for haematologic analysis and research
Kind of job Doctorate
Main tasks Analysis of stem and tumoral cells for researching biological therapies in acute and chronic myeloid leukaemias

From 27/09/2010 to 30/01/2011
Employer's name and address Dott.ssa Monne
Central office San Francesco hospital - 08100 Nuoro
Kind of company or sector Laboratory for haematologic analysis and research
Kind of job Voluntary
Main tasks Saline extraction of DNA from haematic withdrawals for the determination of the concentrations by sizing and spectrophotometer;
dilution of the DNA and search for deletions by amplification in PCR of some genes involved in the chronic myeloid leukaemia, reading of the electrophoretic gels through marker for the quality research.

From 19/05/2010 to 31/08/2010
Employer's name and address Professoressa Marilena Simile
Central office Institute for clinic pathology of Sassari University
Kind of company or sector Clinic pathology
Kind of job Voluntary
Main tasks Western Blot on mice and human hepatic tumor samples

From 1/2/2010 to 30/10/2010
Employer's name and address Dott.ssa Maria Antonietta Contu
Central office San Francesco hospital in Nuoro

Kind of company or sector	Analysis laboratory
Kind of job	Voluntary
Main tasks	-Bacteriology: search for microorganisms (bacteria and fungi) in urine and feces. Blood and copro culture. -Molecular biology: extraction of DNA from whole blood, PCR and electrophoretic run with markers for the DQ2- DQ8 VRQs in patients with suspect celiac disease; extraction of DNA from whole blood, PCR and revelation on strip for the diagnosis of hemochromatosis and coagulation factors for thrombophilia diseases (mutation analysis). -Quantitative and qualitative analysis of HCV, HIV; HBV with extraction of genetic stuff (RNA and DNA). Analysis of immunological chemistry by Siemens Dimension ® RxL Max ® Integrated System Chimica on whole blood, serum, plasma and urines. Chemical analysis for the investigation of allergies, anaemia, hormonal dosages, TriTest, cardiac markers, tumoral markers, etc., with Immulite 2000 . Immune-enzymatic tests in microplate by RADIM diagnostics ALISEI Immune- histochemical: immune-fixations on serum and urines for the research of oligoclonal bands by the Capillarys SEBIA system.
From august 2009 to today	
Employer's name and address	Natural Academy
Central office	via A. Mainas 2 09131 Cagliari
Kind of company or sector	Nutritional advices
Kind of job	Occasional consultancy
Main tasks	Technical consultancy on alimentary advices
Date dal 11/06/2009 al 11/09/2009	
Employer's name and address	Murgia Daniela. via Maroncelli, n.1 08029 Siniscola (NU)
Central office	via N. Sauro, n. 22 La Caletta (NU) fraz. Siniscola
Kind of company or sector	Photos, videos, optics
Kind of job	Short-term
Main tasks	Daily maintenance and cleaning of the goods and the premises, stock management, optical assistance, negatives blow up and maintenance of the machines for the blowing up and printing of photographs.
From 21/12/2007 to 06/01/2009	
Employer's name and address	CNR (National Research Council) – Institute of Genetics of Sassari population by Parco Genos Perdasdefogu.
Central office	
Kind of company or sector	Scientific research
Kind of job	Coordinated and continuous collaboration
Main tasks	Collection on field of important data for the study of the genetic, genealogical, epidemiological and behavioural characteristics of the resident populations of the towns involved in the study. Epidemiological, clinical and laboratory surveys, based on the extraction of DNA from whole blood by the "Archivepur DNA purification" kit; analysis of henocrome, serum and plasma with the help of the Targa3000 , of the CoulterACT5 DIFF AL ; ELISA test on freezed serums; collection and preservation of the biological stuff useful for the quantitative study in the bio-bank. Organizational coordination of the data collection activities and of the archives organization. Urine analysis with the " LabUReader " that uses LabStrip litmus papers. Daily collection of hematic withdrawals form goat samples for the extraction of DNA and DNA quantification within the project "Development of an integrated computer system for the identification, improvement and preservation of the goat race in Sardinia" measure 3.13 – research and technological development in the companies and the land – research projects and innovation below <i>de minimis</i> "; DNA extraction from whole blood and hepitelial cells by the use of the "Archivepur DNA purification" kit of daily hematic withdrawals, elaboration of a protocol for using such kit, considering the peculiar characteristics of goat blood, reading of the DNA stoc concentration by the Nanodrop, PCR; purification of the PCR products and sequences of the first ipervariable track (481 bp) of the control region of the mtDNA by the Beckman Coulter-Biomek FX automatic dispenser of liquids; electrophoretic run of the sequences to be analyzed with the automatic sequencer ABI PRISM 3730 DNA Analyzer, sequences analysis with the BioEdit;

	<p>DNASTAR Lasergene 7.1 programs for the characterization of the goats living in Sardinia at the moment, as indicated by the agronomists and veterinarians of the ARA, who collaborated in the project.</p> <p>OCT ophthalmological analysis through "SOCT Copernicus" software for a quantitative survey of multifactorial pathologies in two towns of Ogliastra: Baunei e Urzulei.</p> <p>Management of laboratory and bio-bank activities, control of the good working of the freezers at -80° and of the cellular cultures, kept under nitrogen. Control and management of the special liquid and solid waste from the laboratory.</p>
Date da 20/03/2007 - a - 31/10/2007	
Employer's name and address	CNR (National research council) – Institute of Genetics of the Sassari population by the CNR laboratories and the polyclinics of Ogliastra
Central office	
Kind of company or sector	Scientific research
Kind of job	Coordinated and continuous collaboration
Main tasks	<p>Laboratory management in the course of the research project "Identification of genetic factors associated to common multifactorial diseases, through an original approach too the study of the genetic isolateds" (in according to the Law decree 297/99), based on serum and plasma shares, buffy-coat of daily hematic withdrawals, preparation for the transfer of the collected biological stuff. Direct instrumental analysis on the patient by bio-impedance meter, with the help of the Bodygram1. 21 program, bound to an interview about food habits, also made at home.</p> <p>IGEAs DBM SONIC ultrasound densitometer. Direct instrumental analysis on the patient by peripheral CAT (pQCT), for using which I have attended a specific course with a technician from Stratec. Prick test, analysis of the nitric oxide and spirometry in support of the allergists, electrocardiograms in support of the doctor assigned to the tympanogram and research of the stapedial reflex, computation of the reflex threshold in support to the otolaryngologist for the preparation and sending of the computer data collected at the Pula centre by weekly backup of all the data collection machines.</p> <p>Weekly management and control of the paper and computer medical records for the database update. Laboratory and personnel management, above all of the biologists and the secretarial staff. Control and management of the laboratory special waste.</p> <p>During that period I have taught the new staff the laboratory techniques and how to use the machines with the bio-impedance meter and its software, the ultrasound densitometer, and I have written a protocol for using the peripheral CAT, that could fit the population under survey.</p>
From 28/08/2006 to 20/03/2007	
Employer's name and address	Shardna s.p.a. presso Sardegna ricerche
Central office	Loc. piscina manna Pula (CA)
Kind of company or sector	Scientific research
Kind of job	Optional training
Main tasks	<p>Search for the polymorphisms contained in the coding region and the Dloop of the mtDNA for the towns of Ogliastra by selection of the samples through genealogical trees both of paper and of the database especially built for such analysis by the information technologists for the qualitative e quantitative research of the previously on field collected data; reading of the DNA stoc concentration by spectrophotometer and control of the data with Nanodrop, PCR e PCR real time; purification of the PCR products and sequences with the Beckman Coulter-Biomek FX automatic liquid dispenser; electrophoretic run for the sequences to be analyzed by the ABI PRISM 3730 DNA Analyzer automatic sequencer, analysis of the sequences by the BioEdit; DNASTAR Lasergene 7.1 programs.</p> <p>Surveys on samples affected by Multiple Sclerosis, aiming to verify the presence of a known duplication in the exon 10, concerning the gene of the chitotriosidasi on the chromosome 1(q31-q32) by PCR with different techniques and sequencing of the samples involved in the analysis.</p> <p>Perfectioning test of the mitoSEQ Resequencing primers kit from Applied bio-systems, with the following Taq's: Universal Master Mix Taqman; Fast Master Mix Taqman; Mix AmpliTaq Gold PCRMaster Mix; validity check of the primers for the exons involved in tests of the research on hypertension.</p> <p>During my training I attended a course on the use and study of the genechip for complete genes automatic hybridation. I also have assisted my tutor in teaching the new trainees the laboratory techniques.</p>

From 28/08/2006 to 20/03/2007

Employer's name and address
Kind of job
Main tasks

Università degli Studi di Cagliari
Teacher's voluntary cooperation
Preparation of lessons with Power Point presentation and assistance at the lessons for the subject "Human Genetics", optional in the "Experimental Biology" course of studies.

EDUCATION AND TRAINING

From 01/01/2011 to now
Name and kind of education and training institute

Università degli Studi di Verona

Achieved qualification
Studies

Graduate student in Oncological Pathology and stem cells
[60/10] Scienze Biologiche (nuovo ord)-1988/1988
[60-1088] Scienze Biologiche (nuovo ord)-1988/
[10/10] Morfologia funzionale e Public Health

First 2006 session
Name and kind of education and training institute

Università degli Studi di Cagliari

Achieved qualification
From 4/11/1999 to 26/04/2006
Studies

Enrolment in the register of Biologists after State examination with a grade of 26/30
Degree in Biological Sciences with grade 103/110
[60/10] Biological Sciences (new course)/ [60-1088] Biological Sciences (new course) 1988/
[10/10] Morfologia funzionale

Name and kind of education and training institute

Università degli Studi di Cagliari
Laboratory of Hematology 2 of Cagliari Hospital for Microcythemia

Kind of job

Pre-degree internship for the preparation of the experimental thesis entitled "Genotype-phenotype correlation in patients with **distrophine disease**"

Main professional subject/activities involved in the study

Saline extraction of DNA from freezed and fresh whole blood from hematic withdrawals for the definition of the concentrations by sizing e spectrophotometer. Dilution of DNA and search for delections through amplification in MultiplexPCR on the gene involved in the **distrophine disease** (Xp21.2). Reading of the electrophoretic gels by a marker. PCR with Universal Taq gold with markers of the hot spot areas of the subject's mutation; screening of the delections observed and reconstruction of the family trees for the affected subjects.

From 1989 to 1995
Name and kind of education and training institute

Liceo Scientifico statale M. Pira Bitti (NU)

Achieved qualification

Scientific certificate with grade 46/60
During the 4th and 5th year I have taken part in the **Progetto giovane (Project Youth)** that dealt with the data collection and the diffusion of the information collected in the area, concerning functionality and use of the purifiers.

FOREIGN LANGUAGE

English

Reading ability
Writing ability
Speaking ability

Good
Good
Sufficient

FOREIGN LANGUAGE

French

Reading ability
Writing ability
Speaking ability

Good
Good
Fairly good

PERSONAL ABILITIES AND COMPETENCE

*got during life and career but not
necessarily recognized by official
certificates or degrees*

I have attended a course for using the peripheral CAT (pQCT) with a technician from Stratec.

I have attended a course for using and studying the genechip for whole genes automatic hybridation and I could apply these abilities to test the DNA of some important families in defining the mutations searched for in the exon 10, concerning the Chitotriosidase gene on chromosome 1.

I have managed possible problems with machines and communications with the direction centres placed at Sardegna ricerche, loc. Piscina manna di Pula (CA), the CNR in Perdasdefogu (OG), and the CNR in Li Punti (SS). I have managed inventories and stuff and laboratory machines movements from a town to another, reporting to the person responsible of the direction of the work of doctors and biologists in the towns involved.

I have attended several courses and refresher seminars concerning osteoporosis and the new possible treatments, OCT and the new clinical applications and the validity of the obtained data from a quantitative point of view and on Alzheimer's disease, new genetic discoveries and the new therapies available.

I have occasionally cooperated with Prof. Germano Orrù, responsible for the DSS (DNA sequencing service), doing PCR, PCR real time and DNA sequencing with capillary sequencers.

I have worked as a promoter for the campaign for the identification of some genetic factors responsible for androgenetic alopecia (AGA). To carry out this campaign I have worked with my colleagues from Sharda at the University general hospital of Monserrato and at the Le Vele shopping mall in Cagliari where I did mouth-rinses with gargle for collecting the oral cavity cells from which I later extracted DNA.

I am able to work alone or in a team and I learn very quickly to use new machines and equipment and protocols. I have a several years' experience in stimulating and entertaining children, boys and girls. To do this at my best I have attended several courses about pedagogy and sociology, organized at the team's parish church by Azione Cattolica (Catholic Action). I teach the disciplines involved in my graduate course (private lessons), such as Chemistry, Bio-chemistry, Genetics, Zoology, Botany etc. I also teach Maths, Biology, Astronomical geography and Sciences of the Earth. I occasionally work at my sister's market in my hometown, where I learned to manage daily and monthly inventories, use the electronic and computerized cash desk, use the electronic weighing and labelling machines. I also kept the shelves in order and served the customers at the fruit, vegetables etc. desks.

RELATIONAL ABILITIES AND COMPETENCE

*Living and working with other people in a
multicultural environment, in places
where communication is important and in
situations in which it is essential the
team work etc.*

My temper is open and friendly. This allowed me to deal with people with a different culture and to socialize with them. This ability was also useful to fit in a very different environment from the one in hospital and to gain the trust of the voluntary patients who participated in the several campaigns for data and organic stuff collection in the towns of Ogliastro, where I have worked. I am curious and open to learning new things, and to try my abilities. I am tidy and orderly, in a way that permits my colleagues to carry on the task I have started quickly and easily. I easily adapt myself to working alone or in a group, always trying to do my best and let my colleagues feel at ease.

I was a teacher in the Azione Cattolica for a long time and I took part in several diocesan, regional and national meetings and school camps, with people from different dioceses, regions and nations, both as a teacher and as a boarder. I take part in the youth group that meets by the Community of the Somaschi Fathers in Elmas, which hosts boys, girls and children coming from different situations, some of which are difficult, where once a year they organize working camps to help the Fathers: the youth group meets once a month. I was in a polyphonic choir, the "Schola cantorum" of Elmas, sponsored by the local Pro loco. I sing in the Youth Choir of the San Sebastiano parish church of Elmas, that enlivens the Mass every Sunday and in other occasions.

ORGANIZATION ABILITIES AND

COMPETENCE

For example: coordination and administration of people, projects, balances, at work, in voluntary activities, (i. e. culture and sports), at home, etc.

During my work in Talana and Urzulei, I have managed the work of the biologists and of the secretaries, both in the laboratory and in the ambulatory where I often helped the doctors, too, to do their jobs quicker. I have managed problems with equipment and the communications with direction centres, placed at Sardegna ricerche loc. Piscina manna di Pula (CA), the CNR in Perdasdefogu (OG), and the CNR of Li Punti (SS). I have managed inventories of machines and equipment, necessary supplies for the good work of the laboratories and the moving of stuff and personnel from a town to another reporting to the person responsible of the direction of the work of doctors and biologists in the towns involved. I have sent the Regional Government a project entitled "Screening of the genes involved in the cholesterol metabolism as possible causes for the predisposition to Alzheimer's disease in Sardinian population". I have worked at the project "Development of an integrated computer system for the identification, improvement and preservation of the goat race in Sardinia" and in the research project "Identification of genetic factors associated to common multifactor diseases, through an original approach too the study of the genetic isolated" (in according to the Law decree 297/99).

TECHNICAL ABILITIES AND COMPETENCE

with computers, specific equipment, machines, etc.

I know very well the following operating systems:
Microsoft Windows 98/Millennium/2000/Xp Home Edition e Professional/ Vista home Premium

I know very well the following programs and software:

Video writing: Microsoft Word; Open Office Writer; Microsoft Work

Electronic calculus: Microsoft Excel, Open Office Calc

Presentations: Microsoft Power Point; Open Office Impress

Data base: Microsoft Power Access; Open Office Base

Internet: Internet Explorer; Mozilla Firefox

Email: Outlook Express; Windows Mail; IncrediMail; Gmail

Web pages: Microsoft Front Page 2007

Graphics: Jasc Paint Shop Pro 8; Jasc Animation Shop; Photoshop, Microsoft Picture Manager

Others: Publisher, InfoPath, e ho una discreta conoscenza del codice HTML

Specific software: Bodygram 1.21 for bio-impedance-meter; Sequencing Analysis 5.1; BioEdit; DNASTAR Lasergene 7.1; Pedcheck; Magellano; SOCT Copernicus;

I can easily use the following machines and equipment:

Targa3000, "LabUReader, CoulterACT5 DIFF AL, SOCT Copernicus, IGEA DBM SONIC, bio-impedance-meter, peripheral CAT (pQCT), Nanodrop, Beckman Coulter-Biomek FX, ABI PRISM 3730 DNA Analyzer, DNA-4.

I can also correctly manage a Bio-bank and its safety system through specific software and periodical controls.

ARTISTIC ABILITIES AND COMPETENCE

Music, writing, drawing etc.

I like reading thrillers and adventure novels, but also magazines and essays about genetics and, in particular, what affects my job, reading university studies or internet publications, and I like exchanging texts with my colleagues, so that I can always be informed and updated and I can do my tasks at my best.

I am fairly good at drawing, I like using the pencil or painting on cloth mi. I like running, trekking, going to the seaside and walking in the parks of the towns and villages where I have been, looking for particular places to take photos. I like photography a lot, especially landscapes, but I also like taking portraits of the peculiar people of the places I visit. I have participated in some photographic exhibitions with good results.

Finally, I am learning to play guitar.

EXPECTATIONS AND WILLINGNESS

I am ready to move, daily or for long periods, in Italy or abroad. I am also ready to stay at work beyond the working times to finish urgent tasks or improve my competence in using equipment I do not know yet, in order not to steal precious time from the normal activities.

I am ready to work full/part-time and in turns, even on holidays, by whatever kind of contract that allows me to be economically independent and, at the same time, enriches my education, that satisfies and stimulates my curiosity and awakens my enthusiasm.

The work I have done by now is so beautiful and creative that I always feel alive, thank the never stopping mental activity, and I wish to use this enthusiasm for my improvement and for those who will give me the possibility to do that.

DRIVING LICENCE "B" – I have a car and I am ready to move

PUBLICATIONS:

Abstract

"Clinical expression of multiple sclerosis and the polymorphisms of the Chitotriosidase"

M.L. Fois, A. Angius, G. Arru, A. Sanna, R. Stradoni, G. Rosati, S. Musumeci, S. Sotgiu (Sassari, Alghero, Pula, I)

"The Ogliastra project: study design and epidemiological survey progression"

G. Biino, L. Casula, S. Vaccargiu, M. Francavilla, D. Parracciani, D. Loi, M. Atzori, A. Casti, B. Frongia, G. Tuligi, F. Piras, I. Vidili, R. Stradoni, F. Begliutti, R. Spissu, T. A. Salis, A. Ventrella, P. Crisponi, M. Panico, A. Demontis, R. Palmas, M. Pirastu

"Genetic studies on an isolate region of Sardinia unravels history and evolution of its population"

G. Pistis¹, C. Fraumene², N. Pirastu², E. Mocci², M.T. Manias², V. Cabras², R. Stradoni¹, M. Cosso², D. Farris², F. Marras², R. Atzeni², A. Angius^{1,2}, M. Pirastu^{1,2} 1) Inst Population Genetics, Alghero, Italy; 2) Sharda Lifesciences, Cagliari, Italy

I declare that the information reported in this Curriculum Vitae are correct and true.

I authorize the processing of my personal data, including the sensible ones, according to the Law Decree 196/2003, for the purposes involved in this candidacy notice.

Date:

Signature: