

# CURRICULUM VITAE

## Personal information

Name Andrea Parodi

## Work experience

- Dates (from - to) November 2017 - Present
- Name of employer Valos s.r.l.
- Occupation or position held LEAD Senior Statistician
- Main activities and responsibilities Responsible of overseeing the work of the other statisticians. Act as an interface between the team and the management developing plans aimed to timely completion of the required tasks. Interact with external clients. Discussion of protocol and CRF with the authors and members of the project teams. Write statistical section of protocols (efficacy analyses, sample size calculation, statistical methods). Write Statistical Analysis Plans. Act as associate director of statistics for one of the biggest pharmaceutical companies in Pulmonary Hypertension therapeutic area. Other tasks: Contract professor for University of Genova for courses in biostatistics and SAS programming from 2015 to 2019 and again in 2021 (design of experiments, base SAS, SAS Macro, SAS Stat, SAS SQL)
- Dates (from - to) February 2014 - November 2017
- Name of employer Valos s.r.l.
- Occupation or position held Statistician
- Main activities and responsibilities Write Statistical Analysis Plans and statistical parts of protocols for clinical studies. Develop statistical programs (V9.3 on PC: BASE, MACROS, SQL, STAT, GRAPH and ODS). Develop programs for the creation of the analysis database using CDISC standard. Create ISS report for pediatric studies (ADAM, table, figures and listings). Other tasks: Participation at DIA Conference (Vienna 2014) Participation at Phuse Conference (Barcelona 2016), presenting the poster "Fast and high quality validation process". Participation at Phuse Conference (Edinburgh 2017). Contract professor for University of Genova for courses in biostatistics and SAS programming since 2015 (design of experiments, base SAS, SAS Macro, SAS Stat, SAS SQL) Supervisor for undergraduate degree's thesis.
- Dates (from - to) November 2012 - January 2014
- Name of employer Novartis Pharma Italy - Biostatistics for Epidemiology&Outcome Research
- Occupation or position held Statistician
- Main activities and responsibilities Design and develop clinical studies, both epidemiological and effectiveness studies. Provide consultancy for statistical methodologies to adopt in their studies and write the statistical part of the study protocol. Produce the Statistical reports, publications using SAS9.3
- Dates (from - to) September 2011 - October 2012
- Name of employer Cremona's Local Health Authorities
- Occupation or position held Statistics expert for Epidemiologic, Research and Sanitary Development Service

- Main activities and responsibilities

Data elaboration with SAS for creation of statistical reports and Logical checks  
 Prescription quality indicators creation Statistical analysis for Cremona's  
 Addiction Report DataWarehouse management for SOS European project  
 (www.sos-nsaids-project.org) Cost analysis for oncological drugs utilization in  
 Cremona.

- Dates (from - to)

September 2006 - September 2011

- Name of employer

University of Milan-Bicocca

- Occupation or position held

Biostatistician for Unit of Biostatistics and Epidemiology

- Main activities and responsibilities

Data processing with SAS, SQL server and Access Statistical analysis for  
 pharmacoepidemiological studies with SAS, Stata and R Creation of thematic  
 maps with ArcGIS e GeoDa Participate in study design discussions Write  
 manuscripts

- Dates (from - to)

July 2005 - September 2005

- Name of employer

IST - National Institute for cancer research

- Occupation or position held

Statistician

- Main activities and responsibilities

Data processing, creation of Logical checks in SAS Prepare the Statistical  
 analysis outputs Creation of thematic maps

### Education and training

- Dates (from - to)

2020 - Present

- Name and type of organization providing education and training

University of Milan-Bicocca

- Title of qualification awarded

Still to be obtained: PhD in Public Health

- Principal subjects/occupational skills covered

Indirect Treatment Comparisons in RWD

- Dates (from - to)

2005 - 2009

- Name and type of organization providing education and training

University of Milan-Bicocca

- Title of qualification awarded

MSc in Biostatistics - Dissertation: Nested case-control study to evaluate the  
 estimation of the effect of persistence and adherence to anti-hypertensive  
 drugs treatment on the CV risk. (Awarded distinction)

- Principal subjects/occupational skills covered

Translate a clinical or public health question in a scientifically rigorous research  
 plan, acquire and analyze data with appropriate statistical models, interpret  
 results, communicate methods and results to professionals from other  
 disciplines, keep current with the most recent literature, and read, write and  
 speak fluent English. In addition, the MSc offers advanced training in design,  
 management, analysis, statistical interpretation and evaluation of experimental  
 studies, observational surveys and surveillance systems in health, including  
 biology, biotechnology, population studies, veterinary medicine, preventive,  
 clinical and rehabilitative medicine, and environmental sciences

- Dates (from - to)

2002 - 2005

- Name and type of organization providing education and training

University of Genova

- Title of qualification awarded

BSc Mathematical Statistics and Data Processing

- Principal subjects/occupational skills covered

## Personal skills and competences

Mother tongue Italian

Other languages English: C1

## Technical skills and competences

Informatics: Excellent knowledge of SAS Base, Macro and Graphs version (8.2 and 9.3), STATA, SPSS, Minitab and R languages

Statistics: Multivariate methods, non-parametric methods, categorical analysis, exploratory and confirmatory factor analysis, survival analysis, competing risks, sample size calculation, meta-analysis, indirect comparison, mixed-treatment comparison, propensity score matching.

Computing platforms: UNIX, Windows

Additional software: Excel, Word, PowerPoint.

## Publications

- Discontinuation of and changes in drug therapy for hypertension among newly-treated patients: a population-based study in Italy. (J Hypertens 2008, 26:819-824)

- Do socioeconomic disparities affect accessing and keeping antihypertensive drug therapy? Evidence from an Italian population-based study. (J Hum Hypertens 2009, 23(4):238-244)

- Management of Antihypertensive Drugs in Three European Countries. (J Hypertens 2009, 27(9):1917-22)

- Reduced discontinuation of antihypertensive treatment by two-drug combination as first step. Evidence from daily life practice. (J Hypertens 2010, 28(7):1584-90)

- Better compliance to antihypertensive medications reduces cardiovascular risk. (J Hypertens 2011, 29(3):610-8)

- Heterogeneity in antihypertensive treatment discontinuation between drugs belonging to the same class. (J Hypertens 2011, 29(5):1012-8)

- Chemotherapy versus tamoxifen versus chemotherapy plus tamoxifen in node-positive, oestrogen receptor-positive breast cancer patients. Very late results of the 'gruppo di ricerca per la chemio-ormonoterapiaadiuvante (GROCTA)' 01-Trial in early breast cancer. (Breast Cancer Res Treat 2011,126:653-661)

- Cardiovascular protection by initial and subsequent combination of antihypertensive drugs in daily life practice. (Hypertension 2011,58:566-72)

- Venous thromboembolism after major orthopaedic surgery: a population-based cohort study. (Intern Emerg Med 2012,7(3):243-9)

- Incidence of Cardiovascular Events in Italian Patients With Early Discontinuations of Antihypertensive, Lipid-Lowering, and Antidiabetic treatments. (Am J Hypertens 2012, 25(5):549-555)

- External adjustment for unmeasured confounders improved drug-outcome association estimates based on health care utilization data. (J ClinEpidemiol 2012, 65(11):1190-9)

- Fast and high quality validation process (Pharmaceutical Users Software Exchange 2016, October 9-12, 2016 - Barcelona, Spain)

- Automatic Creation of Define .xml for ADaM: A Fast Way Approach, Starting from ADaM Metadata (Pharmaceutical Users Software Exchange 2017, October 8-11, 2017 - Edinburgh, Scotland)

- Immunohistochemical expression of cyclooxygenase-2 (COX-2) is not associated with tumor grade in feline meningiomas, (The Veterinary Journal 2018, 241:20-23).

18 November 2021

*Andrea Parodi*