Bastien Gamboa – Preclinical Biostatistician

2006	2007	2008	2009	2010	2011	Msc 2012	2013	2014	2015	2016	2017	2018	2019	2020	2021

- UDAF31
- Biotope
- Galderma Research
- Servier
- BDLS for GSK Vaccines
- Galderma Clinic
- Student Projects
- Internship
- Biotope
- Darty
- Clinic
- Interim
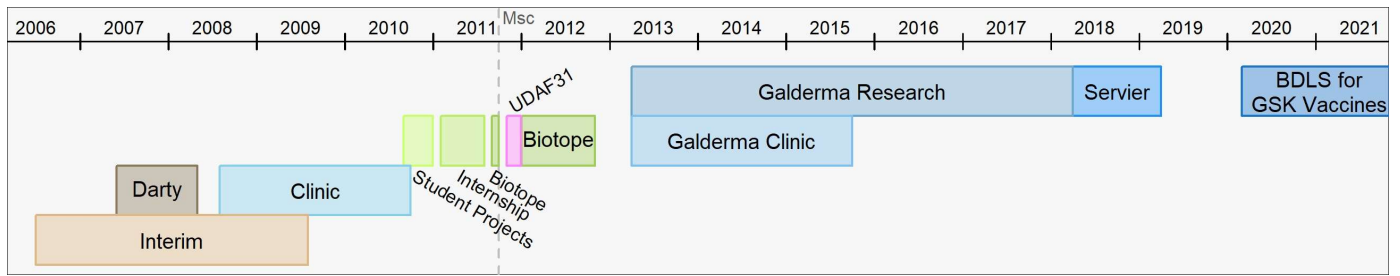
Me, Myself and I

www.alastat.com

1987-11-12

bastien.gamboa@yahoo.fr

in ♂ R²

Thinking every day and facing without answers questions make me fully happy in Pharmaceutical Research

My background in biology and ecology enable me to talk easily with scientists
It helps me as well to popularize statistical concepts and understand the biologists state of mind
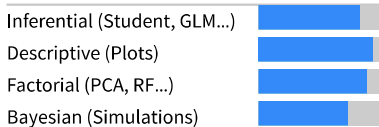
Summary

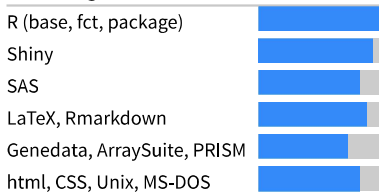|	
Preclinical Biostatistician	6+ years
Clinical Biostatistician	2+ years
Ecological Biostatistician	1+ years

Advanced R user
Passion for Science

6 scientific papers co-author

Master degree in Biostatistics (Msc)
Maîtrise in Ecology

Skills

Statistic

Inferential (Student, GLM…)	
Descriptive (Plots)	
Factorial (PCA, RF…)	
Bayesian (Simulations)	

Technologies

R (base, fct, package)	
Shiny	
SAS	
LaTeX, Rmarkdown	
Genedata, ArraySuite, PRISM	
html, CSS, Unix, MS-DOS	

Languages

French	
English	
Spanish	

Senior Preclinical Biostatistician

GSK Vaccines through B&D LS Rixensart, Belgium

2020-03 — Now

Assay dvpt
R package / Shiny apps
Simulations on HPC

- Assay development (design, non-linear fitting, LSCA, Precision, CR, Linearity, joint-report)
- R package to automatize and homogeneize the assay development analysis workflow
- Simulation on HPC to compare algorithm for non-linear fitting
- Shiny app to explore cytokine data
- Microbiome analysis (AERIS COPD study)

Senior Preclinical Biostatistician

SERVIER
Suresnes, France

2018-04 — 2019-04 (1 year)

Systemic drugs
Project centricity

- Managing preclinical projects with project manager (from protocol design to study report)
- Training and statistics popularization
- Therapeutic areas: diabetes, heart failure, Alzheimer's disease

Preclinical Biostatistician

GALDERMA
Antibes, France

2013-04 — 2018-03 (5 years)

Research Dpt key resource
Apps for routine studies
Statistic popularization

- Statistic analysis of the preclinical studies (design, protocol, sample size estimation, statistical analyses, study report)
- Studies from 'target to hit' to 'phase IV', most of them was 'lead optimization'
- Identification, creation and challenging of new normalization and analysis statistical method
- Work with different data formats: physical parameters (TEWL, weight), Immunohistochemistry (epidermis thickness, number of cells), lipidomic (MSMS), proteomic (Elisa, MS), transcriptomic (Arrays, Sequencing)…
- Therapeutic areas: skin diseases (cancer, psoriasis, acne, atopic dermatitis…)

Education

Msc (ranked as 'good') – 2011
Maîtrise 'Ecology' – 2010
Licence BOPE – 2009
DEUG Biology – 2007
Bachelor's degree – 2005

Hobbies

Nature	Books
Movies	Rugby (8 years)
Computer	Tennis (7 years)