Department: Agriculture and Food

Group name: *Oenology: Chemistry, Oenological Technology and Statistical Analysis*

Acronym: *EnolUR*

Group Coordinator: Ayestarán Iturbe, M.ª Belén

ANEP Area(s): Food Science and Technology; Mathematics

Telephone: 941299725

E-mail: belen.ayestaran@unirioja.es

Web page:

Department Report: 17/04/2015

RESEARCH TEAM **Number of researchers: 8**

Researcher	Department	Professional category
Ayestarán Iturbe, M.ª Belén	Agriculture and Food	Full Professor (FP)
Fillat Ballesteros, Juan Carlos	Mathematics and Computing	Tenured Professor (TP)
Garde Cerdán, Teresa	ICVV	Ramón y Cajal
González Lázaro, Miriam	Agriculture and Food	Predoctoral
Guadalupe Mínguez, Zenaida	Agriculture and Food	TP
Hernandez Martin, Zenaida	Mathematics and Computing	TCP
Higueras Hernáez, Manuel	Mathematics and Computing	Interim Tenured Professor (ITP)
Martínez Lapuente, Leticia	Agriculture and Food	Interim Contract

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COLLABORATORS **Nº of collaborators: 0**

Collaborators	Department	Professional category

UNIVERSIDAD DE LA RIOJA

Lines of research

Factors and treatments for improving the quality of wines.
Chemical and sensory characterization of grapes and wine.
Macromolecules from grapes and wine. Multivariate analysis.
Teaching and learning statistics.
Bayesian Regression.
Count data modelling: zero-inflation and -deflation, under- and overdispersion, finite and continuous mixtures.
Calibration models.
Optimal experiment design.
Survival analysis, including relative risk excess models.

Scientific and technological offering

Analytical instrumentation to characterize grapes and wine.
Panel of expert still and sparkling wine tasters.
Experimental winery prepared to carry out vinification trials. Specific software for multivariate and sensory statistical analysis, Shiny RStudio applications and RMarkdown reports.
Consulting in data analysis.

National and international relations

UMR "Agropolymer Engineering and Emerging Technologies" Suprago Montepellier.

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