



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

## Curriculum Vitae

Family Name: Martínez Marín

Given Name: Gustavo Javier

Nationality: Mexican

Date of birth: 04/09/1984

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### Education:

- PhD in Animal and Food Science, Università di Padova (2020-)
- M.Sc. Master's in Livestock Health and Production Science, FMVZ-UNAM, Mexico (2016-2018)
- B.Sc. Veterinary and Zootechnics, FMVZ-UNAM, Mexico (2004-2009)

### Research areas:

- Animal and Food Science
- Genetics

**PhD project:**

Milk production in cattle is affected by many genetic and environmental factors and their interactions. For optimization in the yield of interest, traits, and characteristics of reproductive and economic relevance, it is important to study the effects of such factors involved in this process. The final objective of this research is analyzing the impact of environmental factors on characteristics of reproductive and economic importance (milk, fat and protein quality, fertility, and health) in pure-and cross-bred dairy cattle used in northeastern Italy using mixed models that incorporate genomic information and data from methodology Fourier-transformed infrared spectroscopy (FTIR).

**Supervisor:**

Giovanni Bittante

**Publications:**

<https://scholar.google.com/citations?hl=es&user=Uvsp-AAAAAJ>