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Research

Paloma García-Bellido's main research interest has been in the field of theoretical Linguistics. The sequences produced by spoken Spanish and other languages have been taken as data to assess the validity of generative models: autosegmental and metrical models (1997). Her main focus of research has been to find methods of analysis which can answer a basic question: what mechanisms are needed to integrate multiple sensory perceptions and how are these timed to produce a finite motor execution. She has been interested in three phenomena: i) The inhibition and activation of sensory-motor (perceptual and articulatory) similarity (2000), ii) The articulatory variation of a sensory-motor percept depending on whether its function is initial, medial or final in a sequence (rhotic: 2001, palatal 2003, Sibilant: 2004, svarabhakti 2005, Nasal: 2005 a) and iii) the timing of repeats in the production of a sequence (2006). More recently she is pursuing research in the genetic causes of developmental language disorders (2009) with special interest in how genes may support functional neural circuits for the reception and execution of time intervals in auditory-oral language (2011, 2012, 2013, 2014, 2015, 2016, 2017)