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My name is Gabriela Heijo, an Uruguayan 24 years old postgrade student in Biology sciences, University of the Republic, Uruguay. My area of interest is the endophytic diazotrophic plant growth-promoting bacteria associated with *Shorgum bicolor* plants, in this topic I am currently working for my postgrade thesis in the Laboratory of Biochemistry and bacterial genomics (BIOGEM) of the Biologic Research Institute "Clemente Estable" (IIBCE), Ministry of Education and Culture (MEC). The aim of this work is to investigate alternative ways to substitute chemical nitrogen fertilizer to promote a sustainable agriculture.