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In vitro evaluation of the prebiotic potential of three different oligosaccharide mixtures using faecal inoculum from Crohn's disease and ulcerative colitis patients

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This study explores food insecurity among students at Prairie View A&M University, a Historically Black College and University (HBCU). A survey of 500 students revealed that 42% experience food insecurity, with higher rates among first-generation students, Pell Grant recipients, and part-time workers. Using the USDA 6-Item Food Security Module and mental health screening tools, the study found significant links between food insecurity and lower academic performance, increased stress, and depressive symptoms. Contributing factors included high living costs, limited access to affordable nutritious food near campus, and lack of awareness about food assistance programs. The findings highlight the urgent need for institutional support and targeted interventions to improve food access and well-being among HBCU students. Enhancing campus food programs and outreach can play a critical role in addressing these disparities and ensuring academic and personal success for vulnerable student.

Biography

My name is Sergio Martínez Gómez and I am 28 years old. I grew up in Pontecesures, a small village near Santiago de Compostela in Galicia, Spain. In 2019, I completed a degree in Chemical Engineering at the University of Santiago de Compostela, and then I moved to Oviedo (Spain) to continue my education. I decided to start a PhD in agri-food science and technology at the University of Vigo in 2021. I am currently working in the field of prebiotics, trying to develop new functional foods from agro-industrial waste to treat dysbiosis in various intestinal conditions (e.g. IBD patients).

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