



Germán Serino

Dr. Germán Serino is the Director of Chacra Experimental Agrícola Santa Rosa since 2016.

Dr Serino obtained a biology degree from the University of Buenos Aires in 1992, and received a PhD in Microbiology and Molecular Genetics from Rutgers University in 1998.

He was a postdoc at Johnson and Johnson, where he developed a flow cytometry-based nucleic acid detection system.

Dr. Serino joined Bio Sidus in 1998 as plant biotechnology program manager, where he led the team that achieved the first GM sugarcane in Argentina (2003) and led the screening of genetically modified, virus resistant potatoes, which resulted in the selection of the virus resistant potato event TIC-AR233-5.

In 2004, Dr. Serino joined Chacra Experimental Agrícola Santa Rosa to lead the sugarcane biotechnology program, performing the first GM sugarcane trial in Argentina. He led the development of glyphosate resistant sugarcane and developed fully virus resistant sugarcane by genetic engineering.

In 2009, Germán Serino joined Advanta Seeds as Plant Transformation Lab Manager, where his team developed and tested transgenic sorghum for drought and salt tolerance, nitrogen use efficiency, and insect resistance.

In 2015, he co-founded SYZ Biotechnology in 2015, a Company focusing on developing doubled haploid production in maize and wheat.