

THE POWER OF GENETICS

EXPLORING THE UNIQUE TRAITS THAT DEFINE US



DR. IARA DEL PILAR SOLAR DIAZ
Geneticist

At DNA Genetics, we understand not all genetic characteristics are created equal. That's why our expert team of geneticists focuses on the ones that matter to you.

Dr. Iara Del Pilar Solar Diaz brings more than 13 years of genetics experience to our team. She started her career as a university professor at State University of Sao Paulo, where she shared her wisdom with the next generation of scientists for nearly six years. She then left the university to further hone her expertise by working with leading companies across Latin America and North America.

“My interest in genetics started in my final year of college when I realized that through genetic improvement, I could combine the two things I loved most – the functioning of DNA and statistics,” she said.

The Sao Paulo, Brazil, native joined DNA Genetics in 2021. As part of a robust team of scientists, Diaz focuses on genetic evaluation, particularly in projects involving defects and E. coli. While each day brings its own twists

and turns, Diaz said she finds self-fulfillment in her work as a geneticist, noting that her favorite part of the job is seeing the genetic progress being made in the results we apply every day.

In a world where the population is continuously growing, Diaz believes it's her primary objective as a geneticist to feed and provide more food for people around the globe.

“Everything we do in genetics and on the farm directly impacts the swine industry in a good way,” she said. “We are primarily responsible for the genetic improvements that lead to producing more high-quality meat for our consumers and benefitting the entire supply chain.”

As science and technology continue to evolve, Diaz said she's looking forward to its positive impact on her work and eagerly anticipating future breakthroughs.

“I believe that we live in an era where the technology is continuously evolving and readily available to us,”

she said. “Because of that, we can uncover an in-depth understanding of various production traits that were previously more difficult to measure and understand.”

In her free time, Diaz enjoys exercising, horseback riding, reading and spending quality time with her family. She is also passionate about inspiring people to explore the field of animal breeding and genetics, advocating for internships as a valuable entry point into this rewarding industry.

“I see very few people pursue a career in genetics due to a lack of knowledge or fear that it might be too difficult,” she said. “But like any area, continued education and studying pays off because nothing is impossible.”

To learn more about DNA Genetics' robust genetics program, visit dnaswinegenetics.com.