

Kheiron Biotech received an official mission from the United States and strengthens its global projection in animal genetics.

The visit by USDA officials to San Antonio de Areco highlighted the progress of Argentine biotechnology and opened new opportunities for bilateral cooperation



Tuesday, June 9, 2026

L The Argentine company **Kheiron Biotech** hosted a delegation from the **United States Department of Agriculture (USDA) in San Antonio de Areco , Buenos Aires Province** . The delegation included officials and representatives from the U.S. agricultural and biotechnology sectors. The visit took place within the framework of the bilateral agreement signed between **Argentina and the United States** in February 2016 and aimed to learn about the company's advancements in **equine cloning , precision genetic improvement , and new applications of animal biotechnology** –areas in which the firm is a leading international player.

The delegation toured the facilities of **Kheiron Biotech** and **Doña Sofía Genética** , where they were able to observe firsthand the research and development processes that the company carries out in the areas of animal reproduction and advanced genetic selection. Among the visitors were **Martin Sieber , President and CEO of US Livestock Genetics Export, and Edward Newburn** , Senior Advisor to the USDA's Bureau of Foreign Agricultural and Trade Affairs, as well as other representatives from the US agricultural sector.

The activity was part of the official mission headed by **Luke Lindberg** , Under Secretary for Foreign Trade and Agricultural Affairs of the United States, who came to the country to deepen the cooperation agenda derived from the bilateral agreement signed this year between both governments.

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Kheiron's inclusion on the official agenda was interpreted as recognition of the scientific work carried out by the Argentine company and its contributions to the field of **biotechnology applied to animal production**. In recent years, the company has consolidated a growing international presence thanks to its research, specialized publications, and technological developments related to **precision genetic improvement**.

One of the main topics discussed during the visit was the importance of strengthening cooperation between the two countries in agricultural innovation. In this regard, Lindberg emphasized the need to promote global standards that protect **genetic intellectual property** and facilitate the development of new technologies aimed at improving the sector's productivity.



“We are very excited about what the United States and Argentina are doing and will continue to do in the future; it is a completely different scenario from what we have seen in the past. Together we understand the value of the scientific evidence that supports production and we see its benefits, so we must work together to educate the rest of the world on these issues,” the U.S. official stated.

Kheiron welcomed the delegation's presence as a testament to the company's growing international standing. **Daniel Sammartino**, founder and CEO of Kheiron Biotech and Doña Sofía Genética, stated that the visit represents both recognition and a responsibility to continue driving scientific development.

“The fact that the USDA chose Kheiron as part of its visit to Argentina speaks volumes about the place our biotechnology holds in the world. It is a source of pride, but above all, a responsibility. We believe that **precision genetic improvement** represents the future of genetic progress and that its potential extends to all species,” he stated.

Pioneering advances in animal genetics

One of the highlights of the tour was linked to the advances achieved by Kheiron in combining **animal cloning** and **precision genetic progress**, a technology that allowed the company to reach unprecedented milestones worldwide.

The company claims to have achieved the first births of horses through high-precision genetic selection processes, a methodology that seeks to accelerate results that, through traditional reproduction systems, could require several generations.

The company explains that this technology does not involve **gene editing**, but rather the use of biotechnological tools capable of reproducing natural selection mechanisms with a level of precision superior to that of conventional methods.

The goal is to identify and enhance specific genetic traits to obtain specimens with certain qualities in considerably shorter times. According to the firm's specialists, this innovation could transform how genetic improvement programs are developed in various animal species.





The support of Conabia

Another relevant point of the visit was related to the regulatory evaluation carried out by the **National Advisory Commission on Agricultural Biotechnology (Conabia)**.

The agency granted the specimens developed through these procedures the status of **unregulated organisms**, a classification that implies that they are not considered **Genetically Modified Organisms (GMOs)** under current regulations in Argentina.

For the company, this decision represents a key step for the expansion of the technology and for the positioning of the country in the global scenario of biotechnological innovation.

“The precision genetic advancement we have developed replicates natural selection. Conabia's designation of these specimens as unregulated organisms consolidates Argentina's position as a global leader in **applied biotechnology**,” Sammartino noted.

The resolution is also seen by various actors in the sector as a relevant precedent for the construction of future regulatory frameworks intended to support the evolution of new genetic technologies.

A new stage for horse breeding

Kheiron Biotech co-founder and chief scientific officer **Gabriel Vichera** emphasized that the technology developed by the company could mark a significant change in traditional equine reproduction systems.

“This breakthrough represents an evolution in horse breeding, the beginning of an era of **genetic optimization**, where we can select and improve desired traits with surgical precision. We are convinced that better horses will be achieved in a shorter time,” he stated.

As he explained, the tools developed allow for accelerating the selection processes and improving the efficiency of reproduction programs, with potential application in both the sports field and animal production.

During the tour, the U.S. officials observed the laboratories, biotechnological procedures, and the work being done with specimens obtained through **cloning** and **precision genetic improvement** techniques. The visit also opened new opportunities for cooperation between institutions and companies from both countries in the area of agricultural innovation. According to Infobae, for Kheiron Biotech, the presence of the USDA delegation represents international recognition of its scientific developments and an opportunity to consolidate the global reach of **Argentine biotechnology** applied to animal production.

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