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MY JOURNEY TO CAMEL SCIENCE FROM MESHGINSHAHR TO DUBAI

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ABSTRACT

Over the decades, my journey has been marked by equal parts of challenge and triumph. From grappling with the complexities of semen collection, processing and artificial insemination in camels to the development of innovative semen extenders, and from conducting pioneering interspecies embryo transfers to tackling public health concerns through camel milk research, each step has been a testament to the resilience and adaptability required in this field. It has been a journey woven with collaboration, working alongside brilliant scientists, inspiring students, and visionary leaders from around the globe. As I transitioned from Meshginshahr's Bactrian camel research station to leading high-tech facilities in Dubai, the scope of my work expanded, but the heart of it remained the same: a deep respect for camels and a desire to preserve and understand their unique biology. With every challenge faced, whether it was semen viscosity or the threat of species extinction, there was the thrill of discovery and the satisfaction of overcoming obstacles once thought insurmountable. It is my hope that the work we have done, and continue to do, will inspire others to take up the mantle of camel research, ensuring that these incredible creatures remain a vital part of our world for generations to come.

Key words: Camel, embryo, reproductive technologies, semen