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After graduated studies at University Laval on in vitro fertilization to generate the first clinical method to produce test-tubes calves in 1985, he went for a post-doctoral training in Wisconsin to study in vitro maturation of oocytes. He came back to Québec in 1987 and became a industrial chair professor in 1990. He founded the Centre de Recherche en Biologie de la Reproduction in 1995 which has grown to include more than 100 people today. He obtained a senior Canadian Research Chair in 2000 on genomics applied to reproduction and has led The EmbryoGENE strategic network on mammalian embryos. He has published over 278 scientific papers and has been invited to give over 75 invited lectures in international meetings. His current research activities are focus on the influence of the ovarian environment on oocyte quality in human and large animals.