Animal Genetic Resources Preservation and Gene Banking Project in Iraq

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Ministry of Agriculture in Iraq in 2010 decided to establish a national program to conserve and improve productivity of animal genetic resources using most recent agriculture biotechnologies.
A technology transfer committee in the Ministry of Agriculture advised to:-

• Make contact with ICGEB.
• Nominate NC for AnGR to make contact with FAO.
• Organize conference at the ministry to gather the academic scientists and specialists for consultation and advice.
• Allocate fund and land for the project.
No clear idea or plan of what to do with the project.
We decided to use the FAO network (dad-net) to ask for assistance in developing our animal gene bank and molecular characterization laboratories.
Many countries respond to our requests and showed strong willing of support from them are Turkey (the animal laboratories and Gene bank of Lalahan, Ankara), and USA (NCGRP, Fort Collins, Colorado).
TURKYA-GENE BANK (LALA HAN)
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NCGRP
At the NCGRP, we learned the principals, policy and most recent techniques in animal gene banking so we have there the clear vision of what to do with our project.
Now we are more confident about what we should do and so we:-

• We established advisory committee at the Ministry of Agriculture headed by the advisor minister of animal welfare efforts.

• We draft our first low for conserving animal genetic resources.

• We started to be more active in implementing the GPA.

• Starting with cattle we are now studying the Phenotypic and Genotypic characteristic of our animal genetic resources, together with construction, the additional necessary building to our facility.
Our facility
Our laboratories
Our team in the field collecting data for the genetic diversity study
Thanks for your kind attention