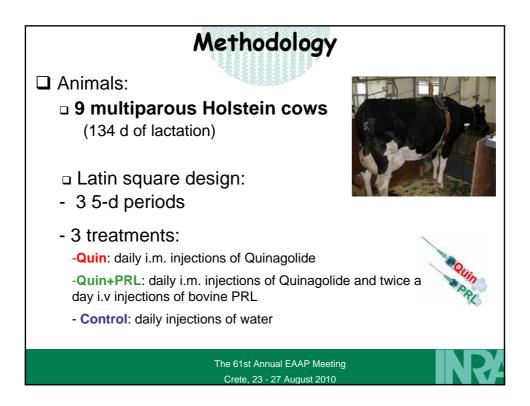
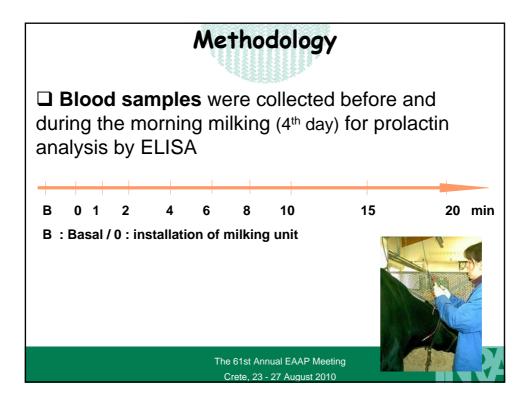


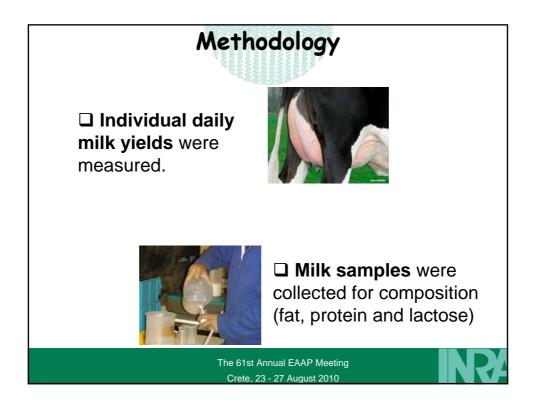
Objectives

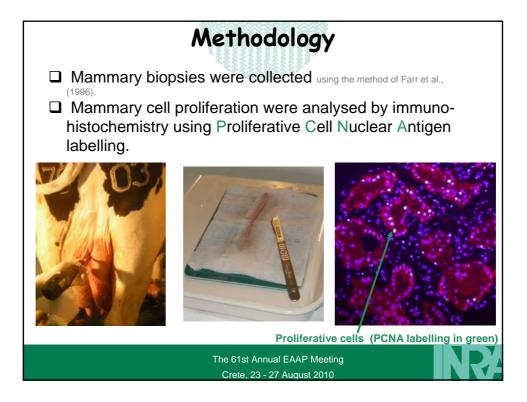
To inhibit the release of PRL at milking, we used a dopaminergic agonist (Quinagolide) that prevents PRL secretion by the lactotroph cells in the adeno-hypophysis and to restore it by PRL injections

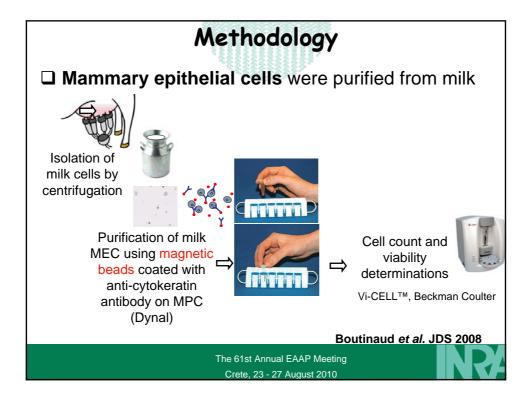
> The 61st Annual EAAP Meeting Crete, 23 - 27 August 2010



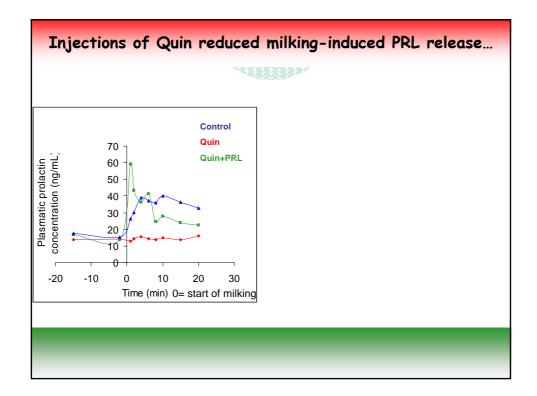


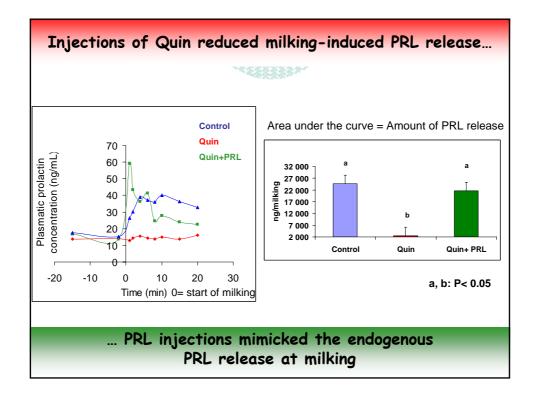


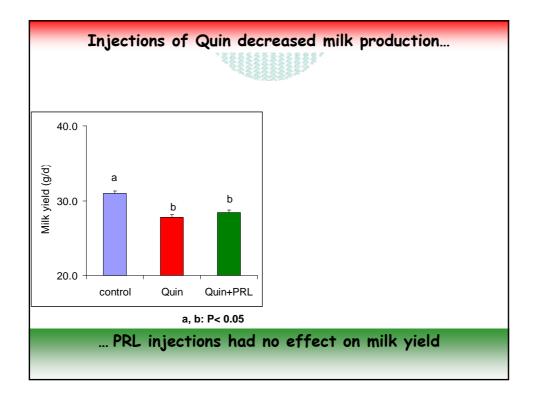


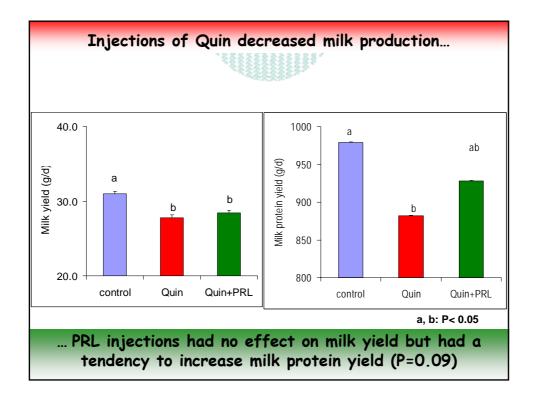


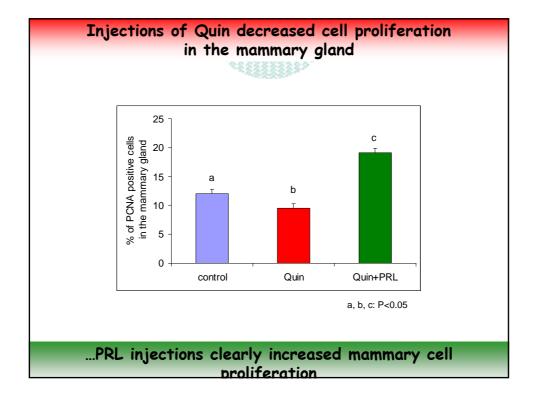












Injections of Quinagolide increased the number of Mammary Epithelial Cells released in the milk per day						
	Treatments				Contrast	
	Control	Quin	Quin+PRL	SEM	Quin effect	PRL effect
MEC/d	204,000	326,000	256,000	29,400	0.02	0.099
MEC viability (%)	62	53	69	3.9	0.85	0.008
PRL injections tended to decrease it and increased milk Mammary Epithelial Cell viability.						

