## Table of contents

Original Publications	3
List of Abbreviations	4
Summary	5
Resumen- Castellano	6
Resum- Valencià	8
General Introduction	10
Aims of this Thesis	30
Chapter 1	31
Relationship between Milk Microbiota, Bacterial Load,	
Macronutrients, and Human Cells during Lactation	
Chapter 2	46
Multiple Approaches Detect the Presence of Fungi in Human	
Breast milk Samples from Healthy Mothers	
Chapter 3	68
Mycobiome Profiles in Breast Milk from Healthy Women	
Depend on Mode of Delivery, Geographic Location and	
Interaction With Bacteria	
Chapter 4	88
Etiology of Sub-acute Lactational Mastitis as Inferred by Hum	an
Milk Bacterial Composition and Activity.	
General Discussion	108
Main conclusions	129
References	131
Annexes	151