Dedicated Analytical Solutions

DIFFERENTIAL SOMATIC CELL COUNT – A NEW BIOMARKER FOR MASTITIS SCREENING

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27 October 2016









CLINICAL MASTITIS



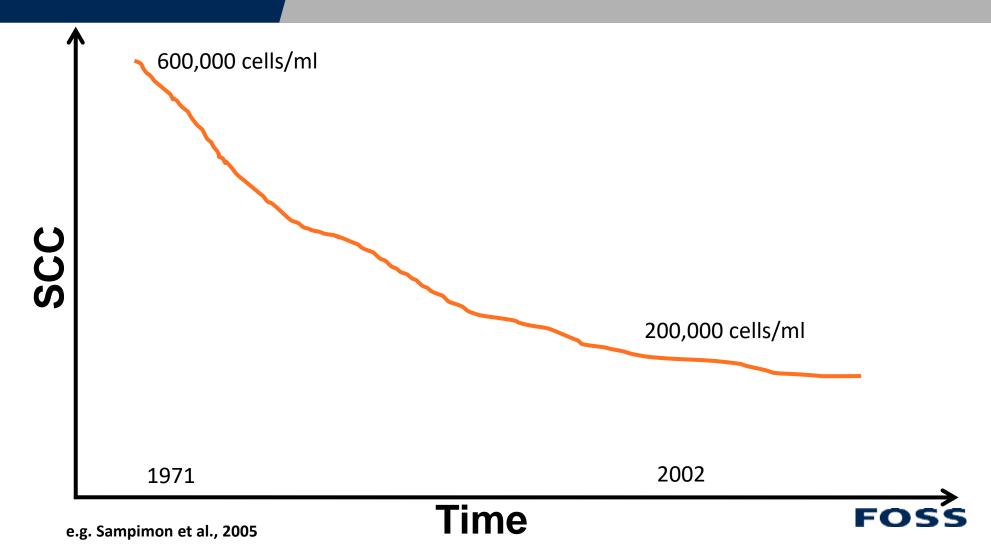


SUBCLINICAL MASTITIS





DEVELOPMENT OF UDDER HEALTH



ECONOMICAL LOSSES

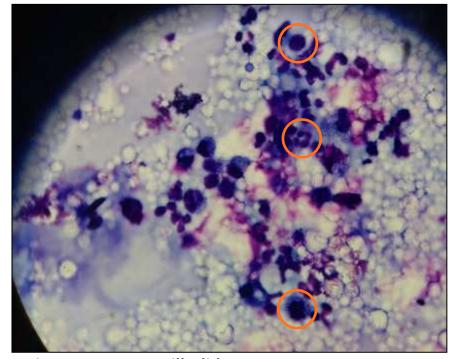


CELLS IN MILK

1. Lymphocytes

2. Polymorphonuclear neutrophils (PMN)

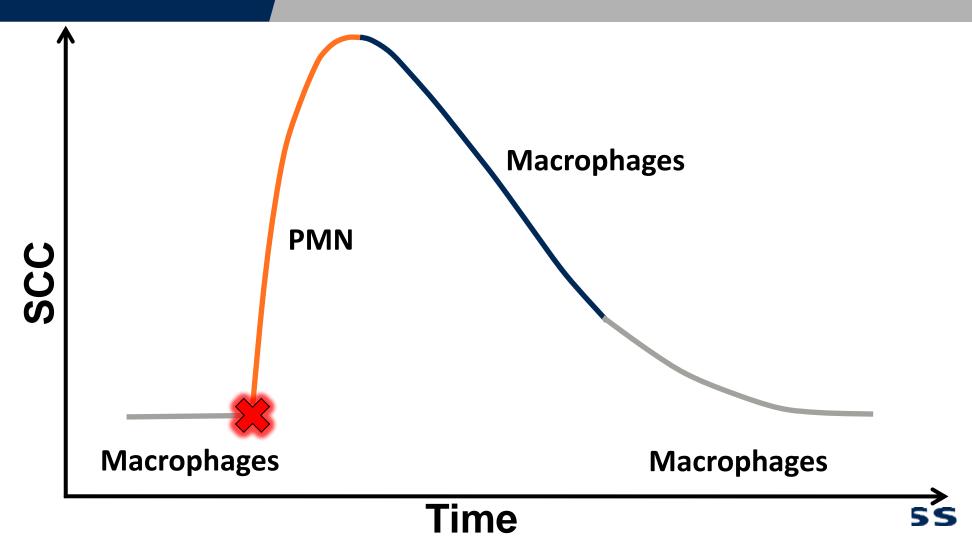
3. Macrophages



Microscope spot, milk slide



MASTITIS CASCADE



THE NEW FOSSOMATIC 7 DC





THE FOSS DSCC METHOD

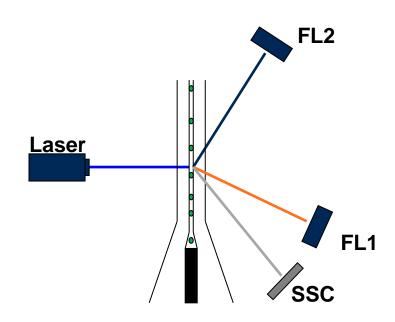
New measuring unit

New chemistry





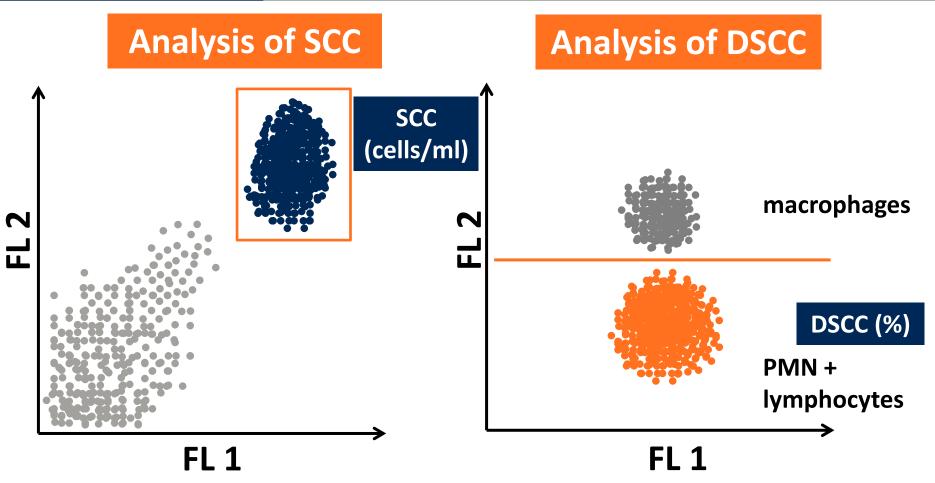
Incubation unit



Patented technology

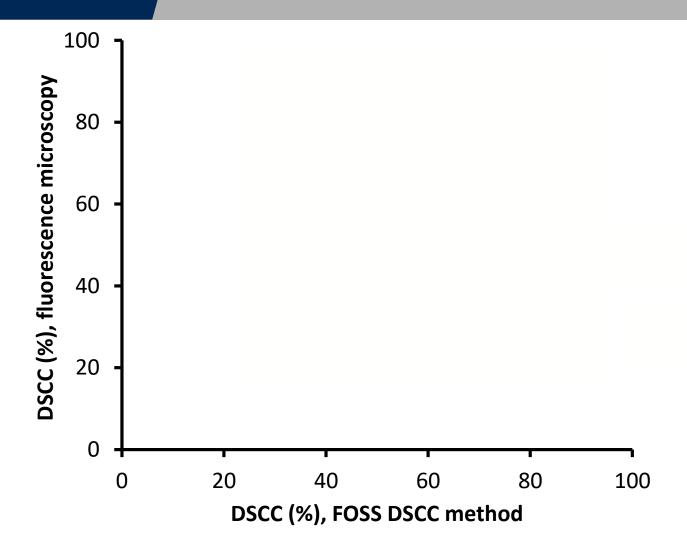


THE FOSS DSCC METHOD





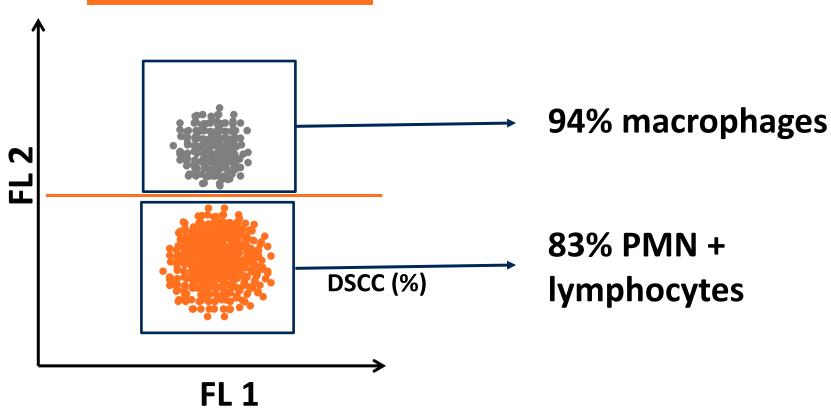
SPECIFICITY OF THE DSCC METHOD





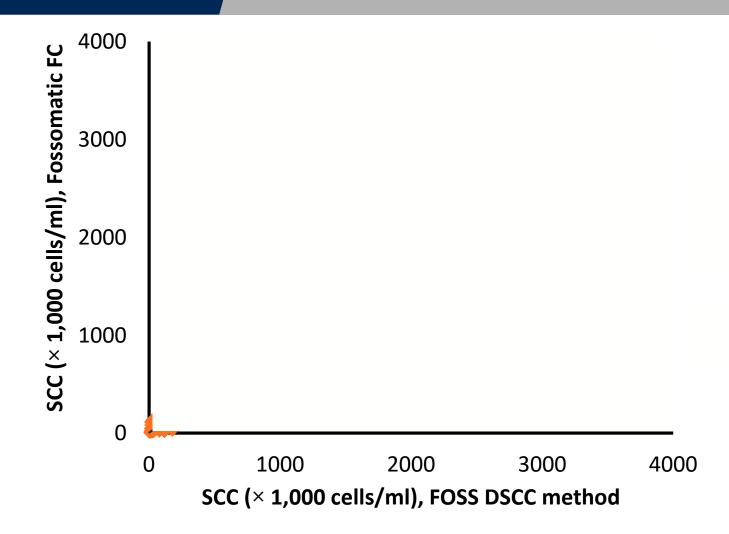
ACCURACY OF THE DSCC METHOD

Analysis of DSCC





SCC REFERENCE





New business opportunities



IMPROVED BACTERIOLOGICAL EXAMINATION





- Targeted selection
- Better interpretation





USE OF ANTIBIOTICS AT DRY OFF





Improved decision tool



DSCC RESEARCH IN PROGRESS

3-year projects in





- Microbiological testing
- Development of guidelines



A MESSAGE TO TAKE HOME



DSCC (%) = PMN + lymphocytes

More information on actual inflammatory status

New possibilities to further tackle mastitis

