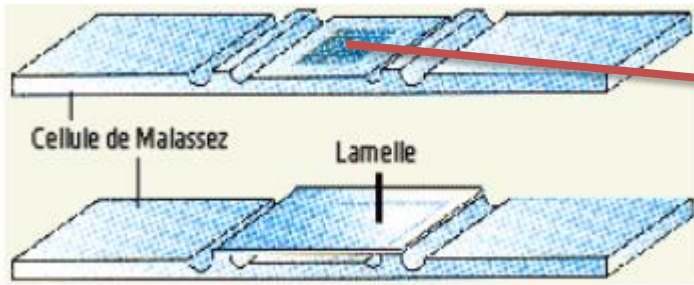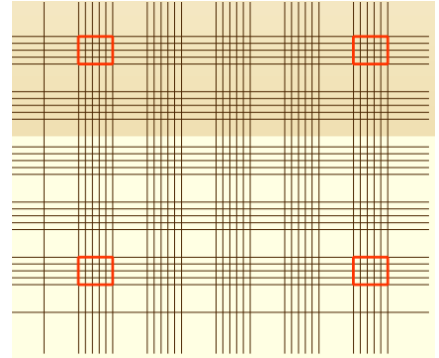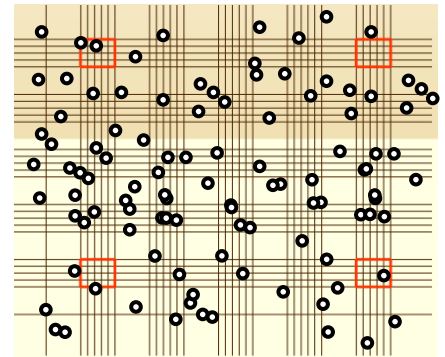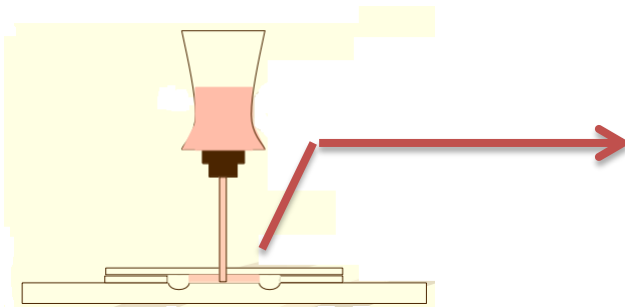# Blood cell count

Microscope step :   **Already done**

A special slip with a **grid pattern** has been used.

Cellule de Malassez   Lamelle

La cellule de Malassez
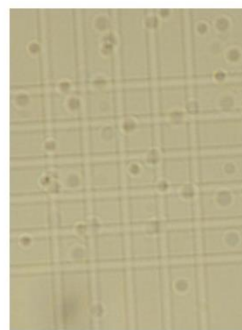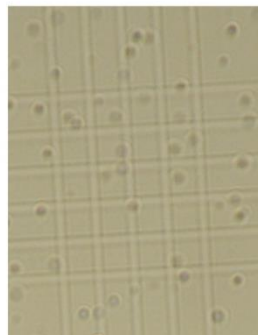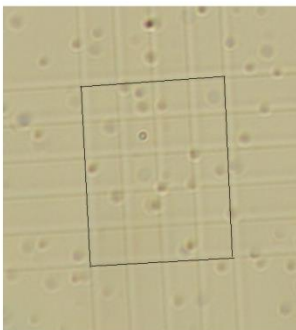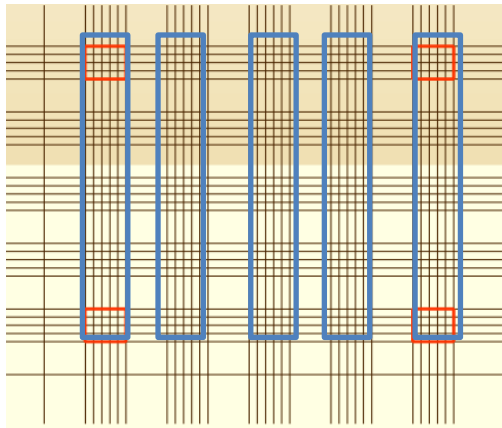
After blood deposit, a picture has been taken to count blood cells.

ERYTHROCYTES : We have selected the four of the more distant rectangles (in red on the picture above)
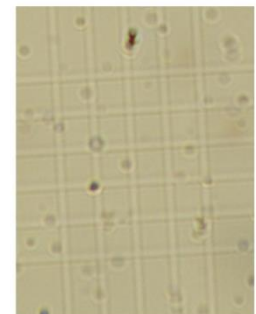
LEUCOCYTES : We have selected five strips (in blue on the picture below)

Counting step : Work to be done

ERYTHROCYTES : Count cells in the four rectangles. Each rectangle includes 25 squares.

Example of calculation	
Rectangle	**Number of cells**
Rectangle 1	13
Rectangle 2	20
Rectangle 3	15
Rectangle 4	2

Make the sum of each rectangle in order to get the total number of erythrocytes : 13 + 20 + 15 + 2 = 50. Retain this result to enter it in the data folder.

LEUCOCYTES : Count cells in the five stripes

Example of calculation	
Strip	**Number of counted cells**
Strip 1	98
Strip 2	53
Strip 3	67
Strip 4	48
Strip 5	77

Make the sum of each strip in order to get the total number of leucocytes : 98 + 53 + 67 + 48 + 77 = 343. Retain this result to enter it in the data folder.

Data step :   Work to be done

Enter data in the document 'datafile_bloodcellcount'

File_name	cell_number
170513_XXX	XX

Name of the picture   The retained result