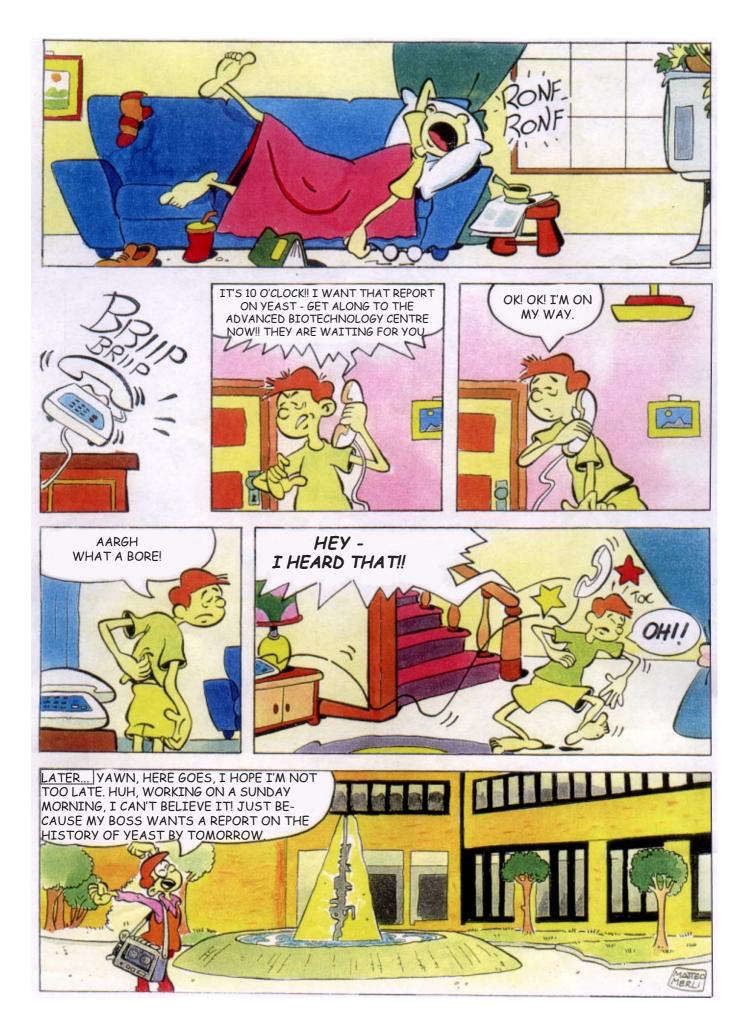
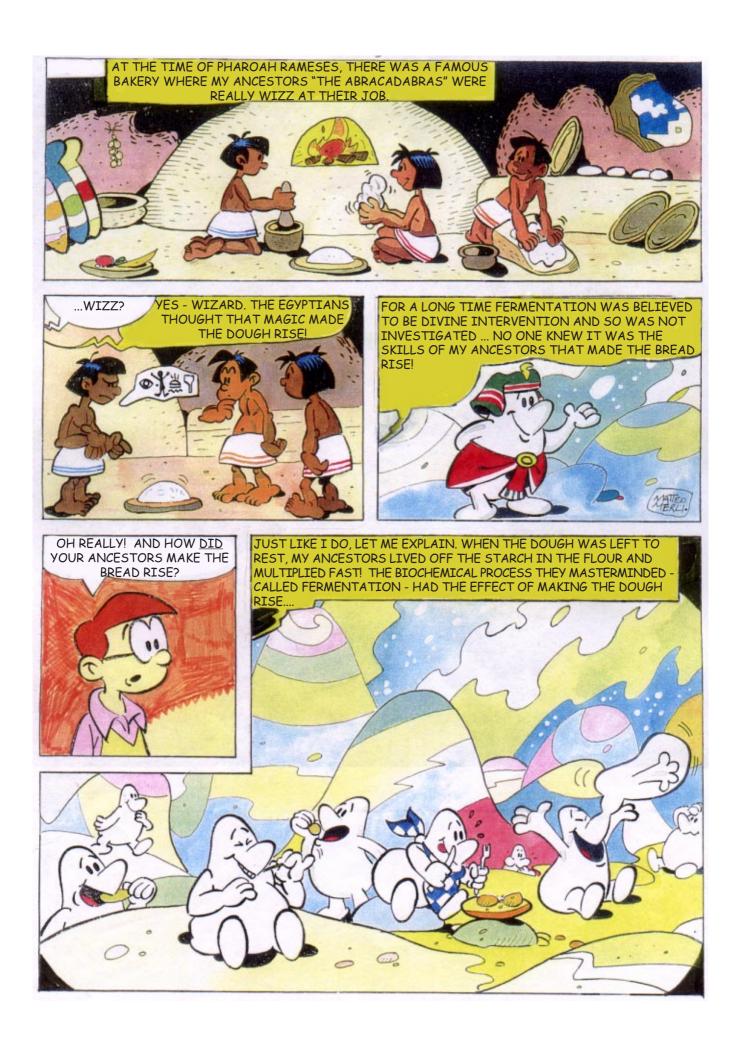


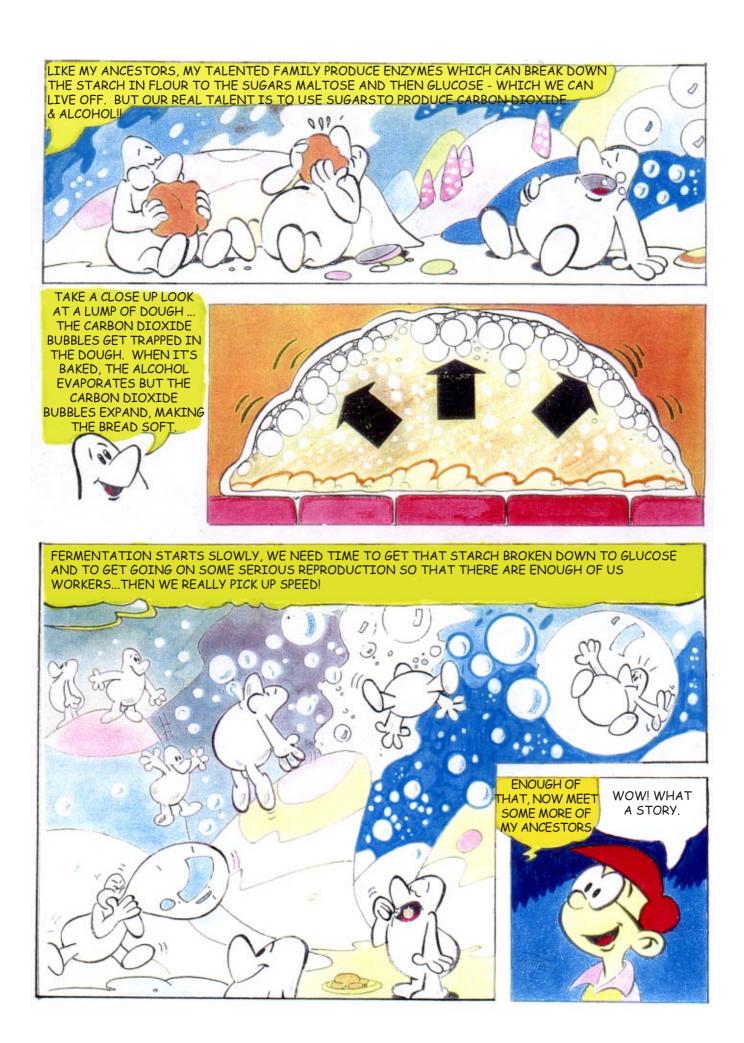
TEXT AND SCRIPT: STEFANIA UCCELLI, ALESSANDRA CORDA MANNINO, MATTEO MERLI SCIENTIFIC ADVICE: ANTONELLA SCATTINA, GIANCARLO DONDO, ANTONIO SEVERI BARGELLESI DRAWINGS: MATTEO MERLI ENGLISH TEXT: CAROLINE SHEARER

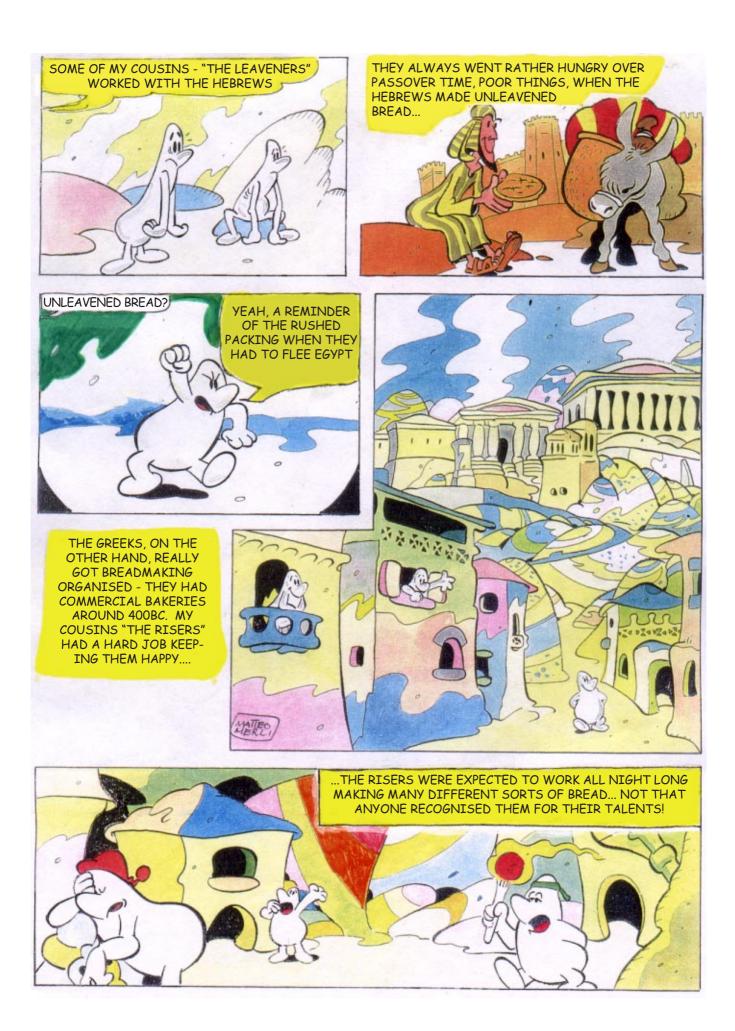


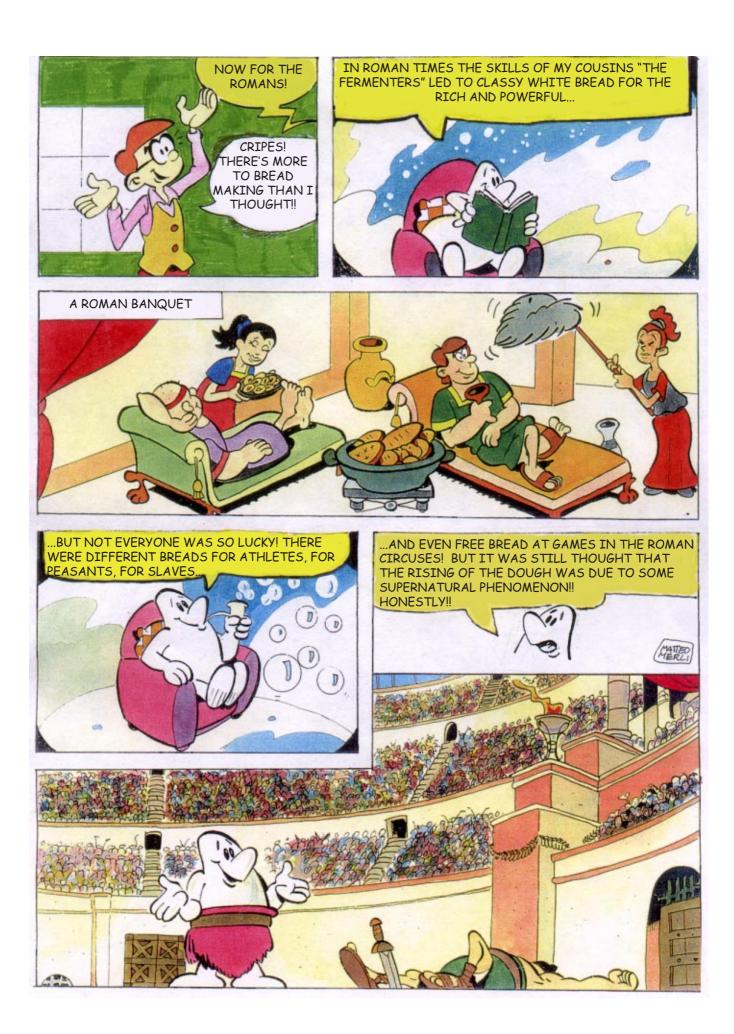


EIBE European Initiative for Biotechnology Education 2000





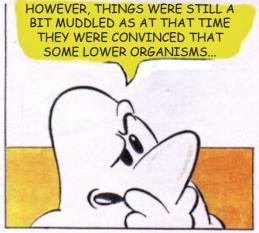






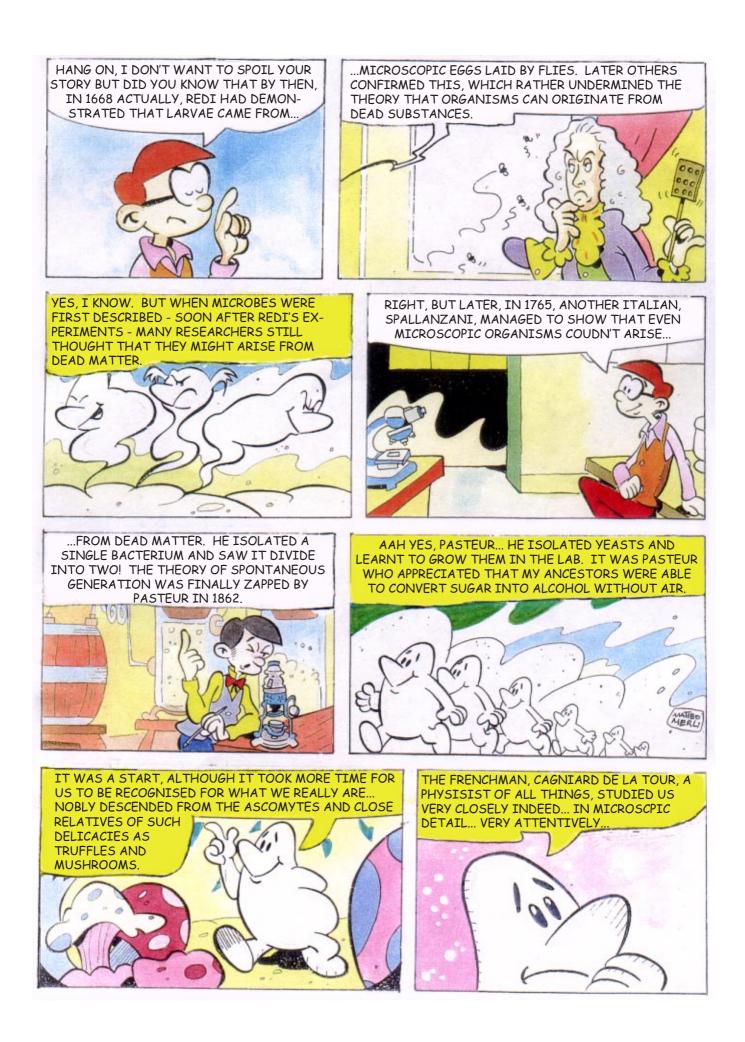
WELL, WHERE WAS I? AAHUH. UNTIL ONE DAY IN 1673 WHEN A DUTCH CLOTH MERCHANT CALLED VAN LEEUWENHOEK, A KEEN RESEARCHER IN HIS SPARE TIME AND AN ACE LENS GRINDER, MADE A MICROSCOPE THAT COULD MAGNIFY 200 TIMES... WELL, THAT MEANT HE COULD SEE LOTS OF THINGS INVISIBLE TO THE NAKED EYE, AND ONE OF THOSE WAS US - THE YEASTS!!!





LIKE INSECTS AND WORMS COULD ARISE FROM RUBBISH BY SPONTANEOUS GENERATION!

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IN 1897 WE WERE GROUND UP WITH FINE SAND BY BUCHNER, A KEEN GERMAN CHEMIST. THAT PARTICULAR SACRIFICE ENABLED BUCHNER TO EXTRACT A JUICE WHICH HAD SOME OF OUR CATALYTIC ABILITIES - IT WON HIM THE NOBEL PRIZE FOR CHEMISTRY. BUT AT LEAST SOME OF <u>OUR</u> TALENTS WERE BEGINNING TO BE RECOGNISED.









