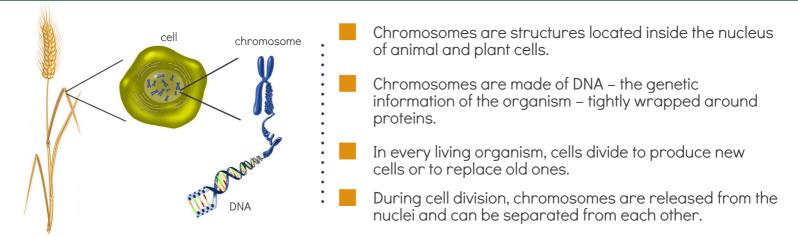
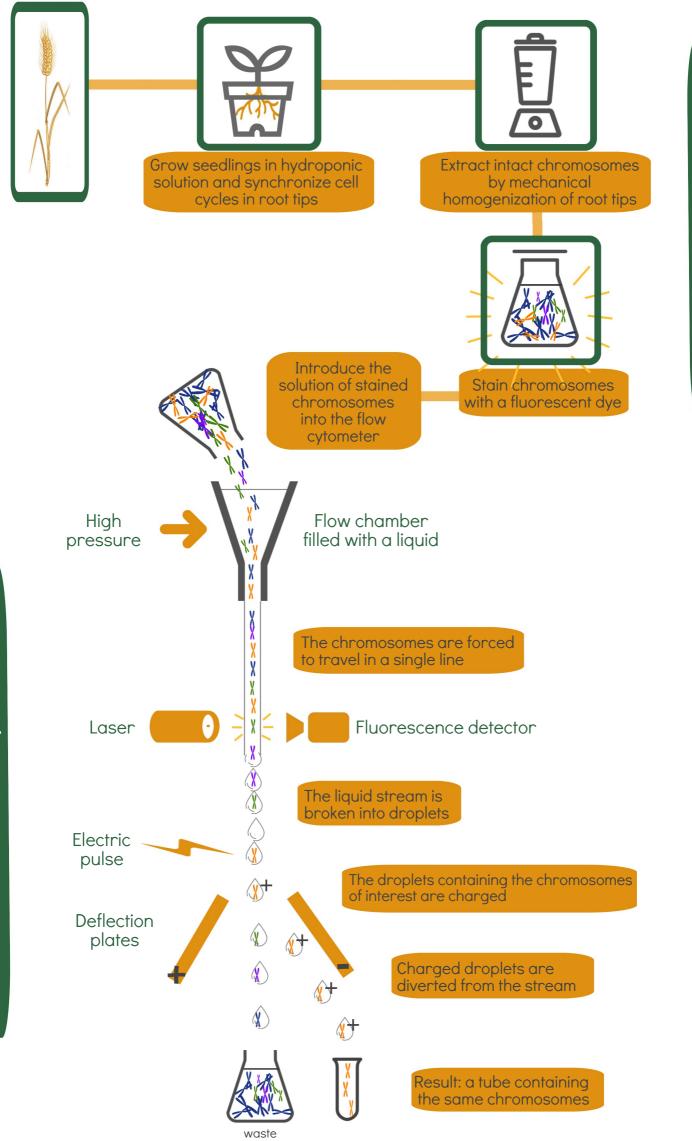
HOW TO SEPARATE CHROMOSOMES

The basic materials used to sequence the wheat genome

Chromosomes hold the genetic information



Flow cytometry separates chromosomes one from another



Chromosome separation can be used in a range of applications

- Sequence large complexe genomes, such as the wheat genome, chromosome by chromosome
- Make experiments cheaper and more targetted, by reducing the complexity of study samples
- Construct chromosomal physical maps
- Locate and isolate important genes in plants



Institute of Experimental Botany of the AS CR, v. v. i.

wheatgenome.org



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