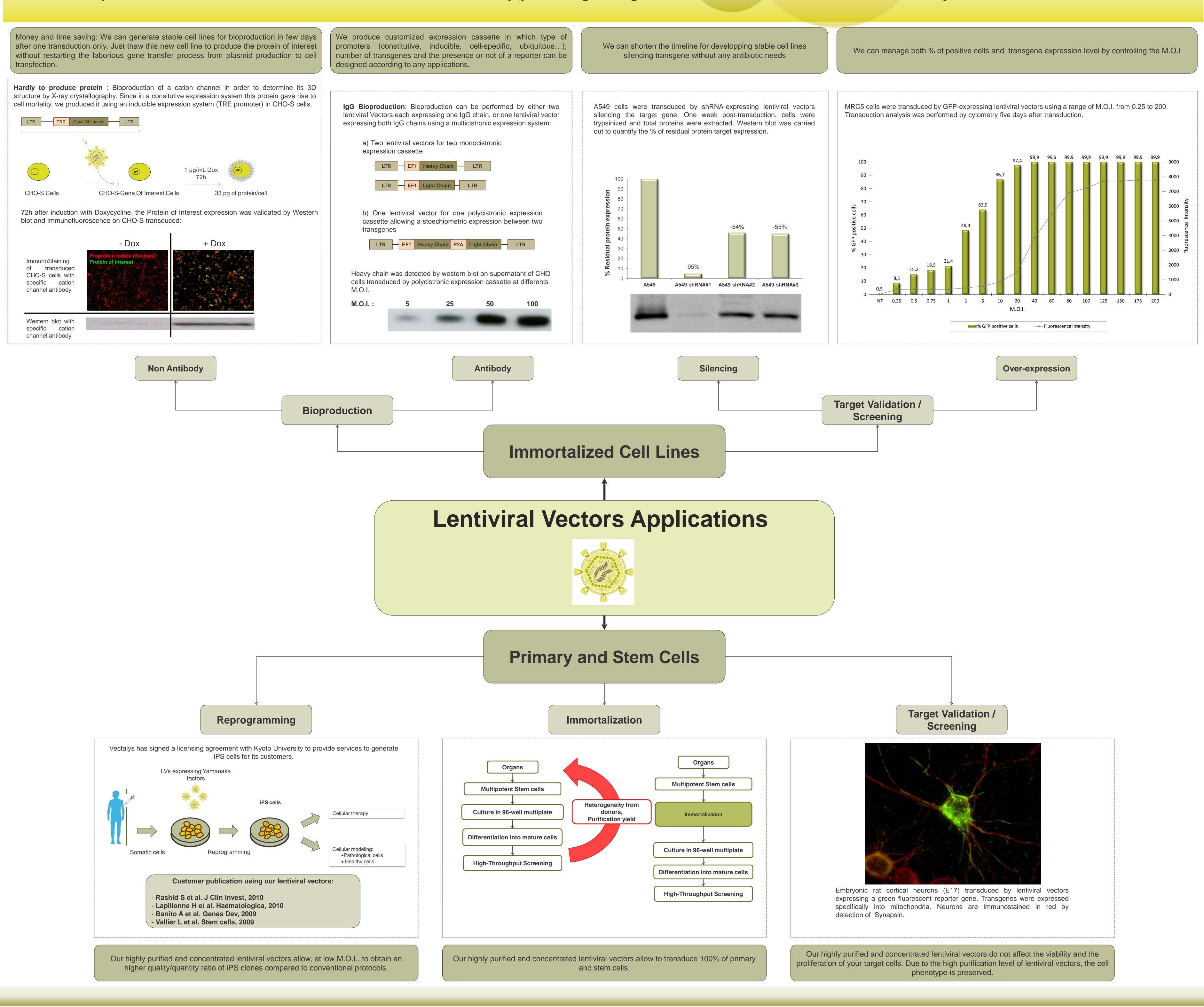
Time saving tools for the generation of stable cell lines

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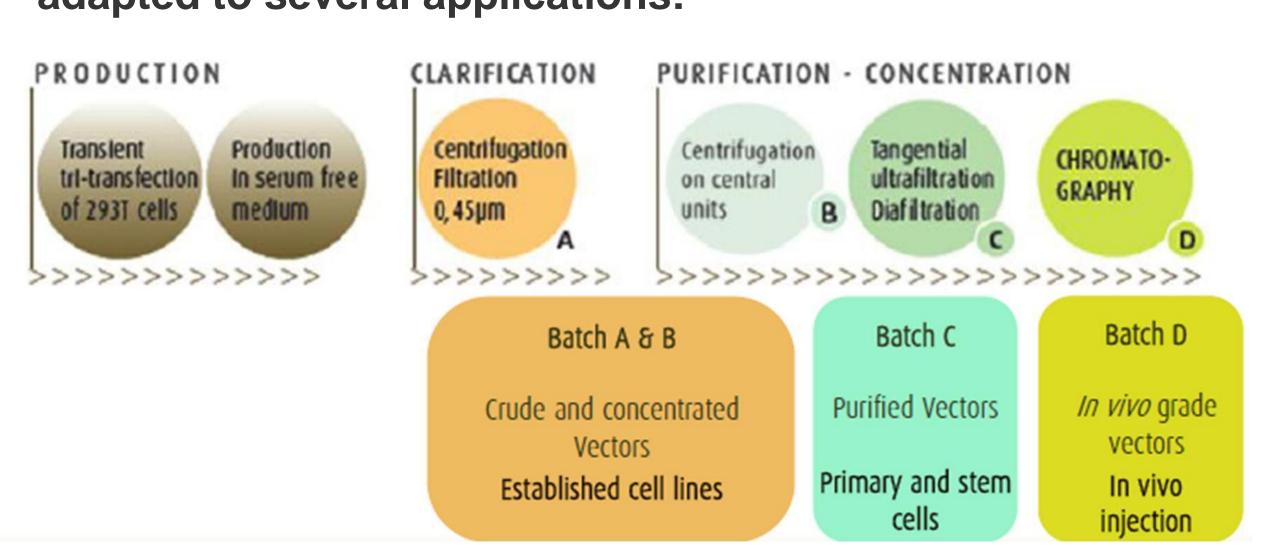


Most of the transfection issues are the gene transfer efficiency into hardly to transfect cells (lymphoid and myeloid cell lines, primary and stem cells). Using lentiviral vectors, the expression of the sequence of interest (cDNA, shRNA) is stable due to the vector DNA integration into genomic DNA bringing permanent cell line at once. This saves us from having to transfect targeted cells for bioproduction or screening (CHO, HEK,...) whenever we want to produce the same protein. Hence lentiviral vectors allow time, money and energy saving. In vivo applications are an emerging and important area. Lentiviral vectors meet this new demand by providing a single tool from in vitro validation to in vivo injection.



Why Vectalys lentiviral vectors?

Vectalys has developped different purification levels adapted to several applications:



Vectalys highly concentrated and purified lentiviral vectors batches show several advantages:

- Allow to save Time and Money for the generation of stable cell lines used in Bioproduction, Target validation or HTS.
- Allow to transduce 100% of primary and stem cells.
- Do not affect the viability, the proliferation and preserve the phenotype of your target cells.
- Enable to manage a dose effect of expression level and percentage of positive cells by controlling the M.O.I.
- Are equally efficient in all cell types and for any transgenes.
- Eliminate needs for antibiotic resistance selection steps on primary cells.