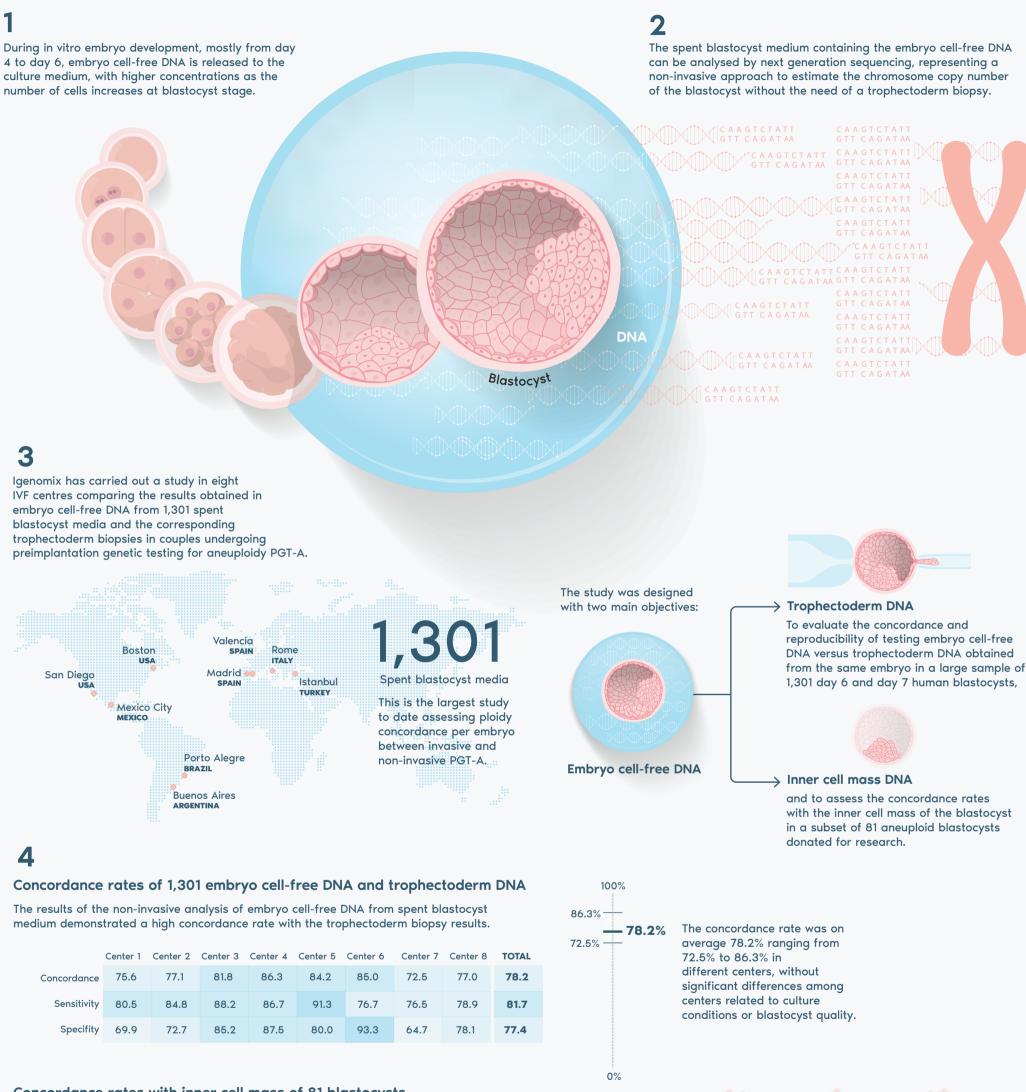
## Multicenter prospective study of concordance between embryo cell-free DNA and trophectoderm biopsies from 1,301 human blastocysts

The recent identification of embryo cell-free DNA in the spent blastocyst media opened a new era of possibilities for non-invasive embryo aneuploidy testing in assisted reproductive technologies.



## Concordance rates with inner cell mass of 81 blastocysts

In addition, in a subgroup of 81 blastocysts, the comparison of the inner cell mass with the embryo cell-free DNA and the trophectoderm biopsies has shown similar concordance rates, 84.4% and 87.5% respectively.



We can conclude that this non-invasive approach could avoid embryo biopsies and reduce costs, while democratizing its use and increasing accessibility for a wider population of patients. Nevertheless, more studies are needed to understand the origin of the embryo cell-free DNA and the mechanisms involved.