



Donnons
au sang
le pouvoir
de soigner

HOW TO SET-UP NEW ATMP ?

EFS : YOUR BIOMANUFACTURING PARTNER



THE EFS, FROM BLOOD DONATION TO ATMP

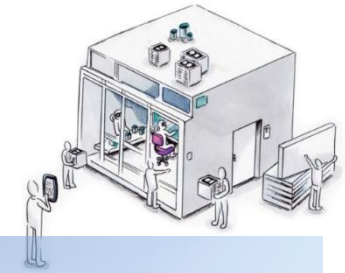
EFS : WE ARE THE PUBLIC BLOOD SERVICE

Set-up on January 2000, under the supervision of the
Ministry of Health

OUR MISSIONS

- **To treat** for more than 1 million patients every year: those requiring transfusion or transplantation, by providing the blood products, tissues and cells they need
- **To diagnose** diseases thanks to our expertise in medical biology and transplantation
- **To innovate** by capitalizing on our expertise in cells to develop cutting-edge medical procedures and treatments
- **To train** healthcare professionals in France and around the world





We are in a position to bring innovative therapies to life in our **ATMP MANUFACTURING PLATFORMS**



4

Pharmaceutical ATMP platforms

- ✓ We produce drugs derived from cells, tissues or genes known as "**advanced therapy medicinal products**" for researchers and clinicians, with a view to clinical trials (phases 1 and 2).



From proof of concept to ATMP clinical production

A single entry point for process development, technology maturation and GMP bioproduction

Why partnering with EFS ?

- Access to a **network** of GMP platforms
- **De-risk** your innovation for : **cell therapy** and **equipment projects**
- Accelerate your **transition to GMP scale**

Our services for :

- Biotech on : **cell therapies**, **bioproduction equipments**
- Academic partners
- Pharma companies



Gap Analysis
Identification of **development gaps** of your project



Project **roadmap** proposal with **detailed timeline** and milestones



Performance of **process validation equipment** and **QC validation** as well as Tech transfer batches



Realization of **optimization studies**
Development batches
Technology assessment & integration



Manufacture of Clinical Trial material under **GMP** conditions

4 GMP Units across France for ATMPs bioproduction

- **Shared** quality & risk management system
- **Complementarity** expertises

EFS : A key player for process development, technology maturation and GMP bioproduction

- **Qualification** of your needs
- Extensive **expertise** in a **variety of cellular models**
- **Continuum** between **development** and **clinical manufacturing**
- **Complementary expertise** : our network of biomanufacturing and technological platforms



- **Closeness** with partners and project leaders
- **Communication** throughout the project life

+310 GMP
batches
produced
over 15
years

⇒ De-risk your innovation for **cell therapies** and **equipments** projects



THANK YOU !

CONTACT

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