



Terapie Avanzate

Un Successo Made in Italy

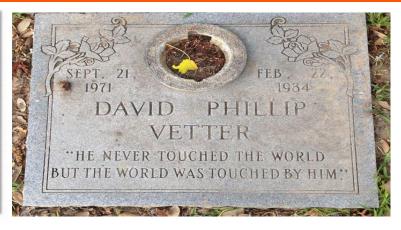


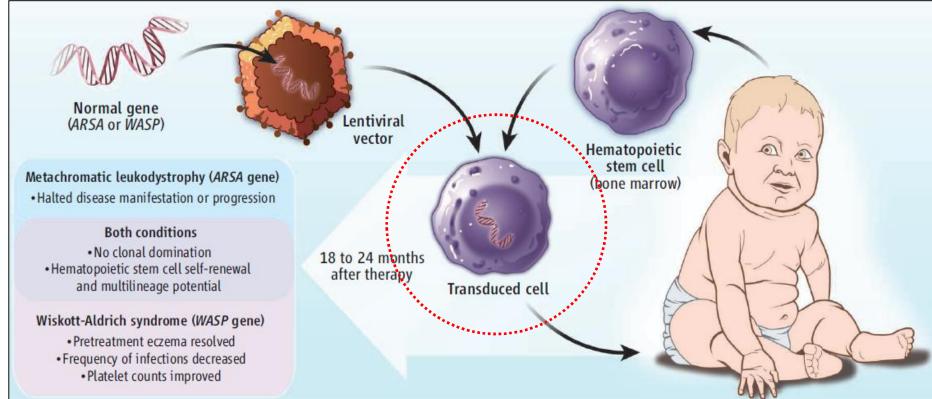
Roma, 25 ottobre 2016

27 maggio 2016









Pharma e Terapie Avanzate

Pharma Invests in Gene Therapy

Pharmaceutical companies have stepped up gene therapy development in the wake of the approval of Glybera in 2012.

The Next Big Thing!

BioPharm International Volume 26, Issue 8

When the European Medicines Agency grant Glybera (alipogene tiparvovec)—the first ger —in November 2012, it was a milestone for gencouraged investment and development ac Elemer Piros, managing director and senior e Securities, in a May 16, 2013 podcast, "Why http://www.burrillreport.com/ 47.

In recent months, pharmaceutical companies their respective websites.

Perchè?

Come?

Why is the pharmaceutical industry investing in Cell and Gene Therapy?

Dr Laurent Jespers 17th October 2016

Over the years scientific discoveries have spurred the pharmaceutical industry to look at new and innovative ways to treat disease. Our understanding of disciplines such as molecular and cell biology, medicinal chemistry and recombinant DNA technologies have led to the discovery and development of small molecules and biopharmaceutical medicines that are widely used today.

Now, outstanding advances in genetics, regulatory pathways and system biology are playing a key role in fundamentally changing our understanding of human biology. With up to three new genetic causes of rare diseases being identified every week and the emergence of novel technologies, such as cell and gene therapy, we are moving to a period where one-time durable treatments addressing the cause of the disease (at gene level) rather the consequences (symptoms) are becoming a reality for severely affected patients.

Come? 2010, da Closed ad Open Innovation ...



Discovery Partnership with Academia - DPAc

11.2010



PERSPECTIVES

POINT/COUNTERPOINT

The Future Is Much Closer Collaboration Between the Pharmaceutical Industry and Academic Medical Centers

P Vallance1, P Williams1 and C Dollery1



10.2010

torials in some medical journals might conclude that relationships between pharmaceutical companies and academic clinical investigators are dominated by mistrust and the desire of academics to keep industry at a distance from the high moral ground of academia. Fortunately, that is not a correct analysis of a complex situation, but even the perception is an impediment to the pressing need for the parties to work very closely together with a shared desire to improve human health by discovery of new medicines for which the unmet needs, particularly in an aging population, are obvious.

A reader of newspaper articles and edi-

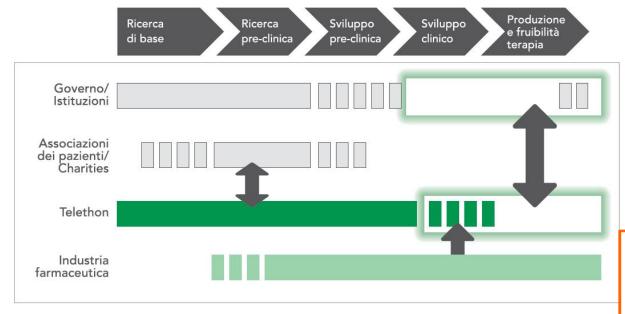
physiological control mechanisms in living animals and humans, and this in turn led to the emergence of flourishing academic departments of pharmacology and clinical pharmacology. James Bla developed β-adrenergic blocking dr with the treatment of angina in mine the opportunity provided by these a found applications in clinical situation varied as tremor and heart failure. N academic scientists became advisers the pharmaceutical companies, but the information about new approaches to treatment of disease, promising chemical leads, and early clinical results was regarded as highly confidential for commercial reasons ranging from patent pro-

among the first to discover information did not readily useful new medicines. A b

5.2010

or the new targets and their one of the new targets and their any, to the etiology of a A. company might have logists working on a new day the information was in the pure main, it was likely to be by hundreds of academic resulting in much more rapid expansion of knowledge. However, the academic scientific leaders in a new area often patented their discoveries, and not a few established small biotechnology companies to exploit them. Early drug dis-

Come? Nuovo modello di R&D collaborativi





Alleanza Strategica



- ADA SCID
- 2. Leucodistrofia Metacrom.
- 3. Sindrome Wiskott Aldrich
- 4. Beta Thalassemia
- 5. Leucodistrofia globoide
- 6. Mucopolisaccaridosi 1
- Granulomatosi cronica

Sperimentazione Clinica

Uso Terapeutico

Composto Sperimentale

Valutazione Post

Autorizzativa - Registro

Produzione

Supply Chain

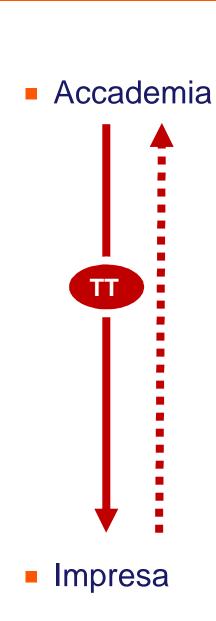
Processo Regolatorio

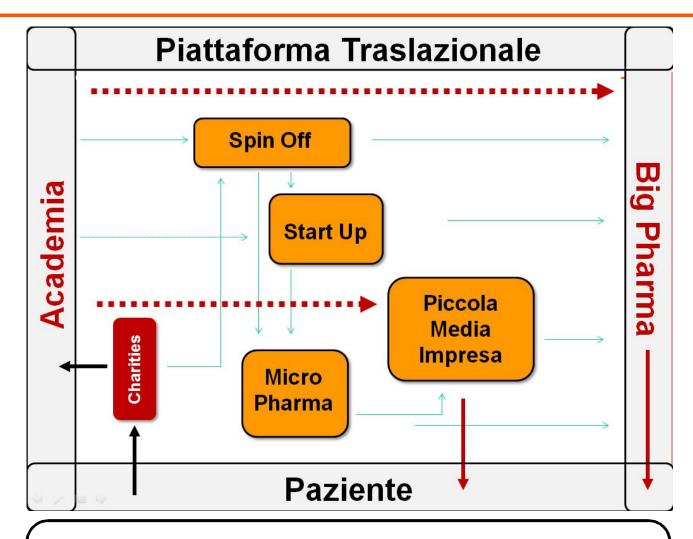
Registrazione

Prezzo & Rimborso

- > 01.5.2015 EMA file
- > 01.4.2016 EMA Opinion
- 27.5.2016 EU Commission
- 01.8.2016 AIFA P&R cl.H

2016 ed oltre - Nuove Terapie Avanzate in Italia...





SUN, UniFederico II, UniSA → 25 - 27.10.2016

UniPA, UniCT, UniME → 23 - 25.11.2016

Conclusione

- Nuova tecnologia per la salute
- Nuovo modello R&D
- Ricerca Italia
- 4. Pharma e Terapie Avanzate

Formiche @formichenews - Jun 27 6 9 Oggi parliamo di #Strimvelis, la prima #TerapiaGenica per i pazienti affetti da ADA-SCID #CronacaDiUnPrimatoItaliano

Paolo Messa, GSK, Fondazione Telethon and M.Di Domenico



Giuseppe Recchia @G_Recchia - Jun 27 Conference @formichenews. Sir A. Witty: with #GeneTherapy, Italy has not just discovered a new therapy, Italy has discovered a new industry











