



# 2015









# **AqVida** – **Partners for the pharmaceutical industry**

AqVida is a German pharmaceutical company based in Hamburg, Germany.

We are active in the fields of:

- Development of Generics, mainly Oncology Sector
- Registration procedures
- Supply of Finished Dosage Forms (FDFs) and APIs
- Compilation of registration dossiers for less regulated markets
- Technology-Transfer for local production
- Distribution, mainly business-to-business out-licensing





# **AqVida – BRIDGING THE GAP**

Our credo is "Bridging the Gap":

We bridge the differences in:

- Quality standards
- Regulatory
- Cultures
- Needs in the various markets







# **AqVida** – **Development** of the company

2005

- Founding year of the company
- Main business: API sourcing
- Sales to unregulated and semi-regulated markets

2008

- First FDF registration in semi regulated market
- G-CSF was second biosimilar registration in Russia

2010

- Further FDF registrations in EU
- API sales to regulated markets

2015

- Today we have 7 FDF registrations in EU
- We hold a EU GMP



## **AqVida - Quality Assurance**

**No matter where: Quality is Key.** Our vision is to make high quality oncology products available to every patient suffering from cancer.

- EU Quality is ensured by an uncompromising SOP system.
- Quality Assurance accompanies the complete product cycle.
- Regulatory Affairs team is involved from the scratch for best registration strategies







**Quality Assurance & Quality Control** 

Product development

**Co-Manufacturing** 

**Analytics** 

Release

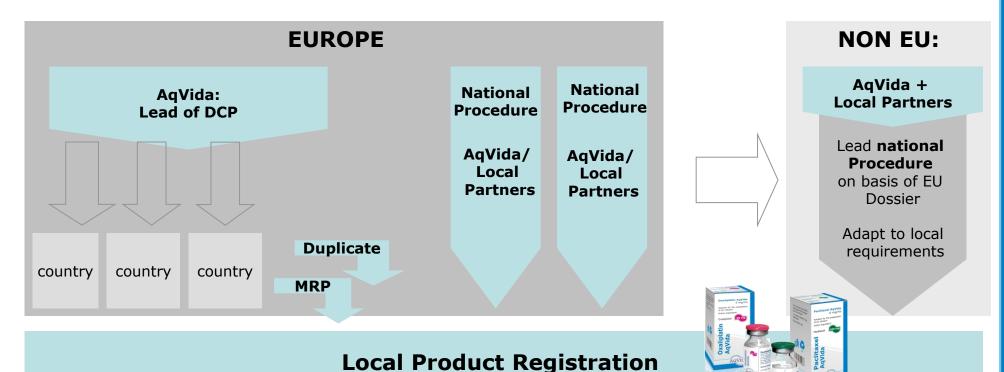
**Regulatory Affairs** 



## **AqVida** - Registration strategies

AqVida Regulatory team supports with best registration strategies

- Decentralized procedure, Centralized procedure, MRP, national procedure or duplicate have to be decided based on your individual situation
- AqVida Regulatory Team optimizes time and cost for you.
- Product registrations outside EU we carry-out together with our local partners.



AQVIDA

# **Manufacturing**

AqVida works in close relationship with contract manufacturers.

- All manufacturers are EU GMP certified
- They are regularly inspected by German Health Authorities









## The actual process of Manufacturing and Release

#### 1.) Non EU Manufacturing Generics

Contract Manufacturer

> Samyang Eriochem RPG



Microbiological Testing

Wessling

Packaging (if not done by manufacturer)

Comphass Venus Pharma



#### 2.) EU Manufacturing Generics

Contract Manufacturer

Oncotec

Analytical Release

Oncotec

Packaging

Comphass Venus Pharma EU Market Release

EU Market Release MA Holder/ Client

#### 3.) Manufacturing Biosimilars

Manufacturing & Filling

**BAG** 

Analytical release

Protagen



Packaging

Venus Pharma

Market Release Non EU





## **Future: AqVida Manufacturing Site**

- AqVida is building its own site to produce oncology injectables
- Site will be located in the greater Hamburg area
- EU and German GMP compliance
- Commercial production expected to commence end 2016
- Full integration from development to manufacturing down to maintenance of dossiers and marketing authorisations
- All products 100% made in Germany





## **AqVida Product Portfolio**

## **Injectables**

#### Registered in EU

- Oxaliplatin, lyophylisate
- Oxaliplatin, solution for infusion
- Docetaxel, solution for infusion
- Epirubicine, solution for infusio
- Gemcitabine, lyophylisate
- Paclitaxel, solution for infusion
- Irinotecan, solution for infus

#### Registered in non-EU

Filgrastim, solution for injection

#### **Under development**

Melphalan, lyophylis

## **Orals**

## **Registered in EU**

• Azathioprine, film-tablets



## **Under registration**

• Imatinib, capsule

## **Under development**

- Sunitinib, capsule
- Erlotinib, tablet



## **Business Models Finished Dosage Forms**

Depending on market structure and product we offer different business models

- Distribution of AqVida brand products
- License for sales under partners' brands
- Technology transfer for local production

## **AqVida branded Products**





We deliver finished product ready to sell

#### **Under Partners' Brands**



We deliver finished product in partners' layouted package or we offer local production



# **AqVida Marketing Support**

# AqVida is regularly offering marketing support to its international sales partners, including e.g.:

- Knowledge exchange: Opinion leaders are invited to Germany to exchange know-how and get guided tours to German oncology day-clinics
- **Scientific studies:** AqVida is carrying out studies for optimizing treatment regimens
- Supportive care: We provide you with devices which add value to doctors and patients, e.g. needle free device for more safety in handling and catheter dressing patches to decrease the risk of infection





#### What we offer

- Development, manufacturing and supply on a business to business level without going into direct competition with our partners
- Flexibility: We are looking for the best solution for each market
- An attractive product portfolio for the oncology sector
- Support in **registration** procedures and regulatory affairs
- High quality products with EU GMP
- EU release analysis and market release
- Know-how exchange on expert level (e.g. oncologists)
- Cost advantages in procedures
- Cost competitiveness



## **Contact Details**

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AqVida GmbH is compensating its CO<sub>2</sub> emissions by supporting reforestation programms.

