

## **VUAB Pharma a.s.**

Company history began in 1949, when the national enterprise Penicilin was founded and started the production of Penicillin - as the first one in former Czechoslovakia and even in Central Europe.

Due to the success of the own research and enhancement of the fermentation capacity the production program was extended by the further pharmaceuticals, particularly Penicillin G and V, Streptomycin, Neomycin, Erythromycin, Chloramphenicol, Bacitracin, Tetracyclines and Nystatin.

Manufacturing activities have been gradually extended to the production of injections sicc by lyophilisation and sterile powder filling. Company has obtained all necessary cGMP certificates for produced medicaments, Certificate of suitability and FDA approval for Nystatin (and Ephedrine, whose production was discontinued in 2004).

At the present time is VUAB Pharma a.s. focused on the three main areas:

- 1) Biotechnology, which is connected with recent product portfolio (Nystatin for human use and Nystatin crude for veterinary use)
- 2) Final medical forms which includes production injections sicc. (Hydrocortisone, Suxamethonium, Thiopental and Chloramphenicol) and production of liquid injections (Methylethylmethazine, Digoxin, Intrenon, Neolutin and Divascol)
- 3) Development and production of new platinum specialities and API, mainly for oncology branch (Potassium Tetrachloroplatinate, Potassium Trichloroammineplatinate, Oxaliplatin, Cisplatin, Carboplatin and Picoplatin)

Currently company has a fermentation capacity of 50 m<sup>3</sup> and certified clean rooms for manufacturing API and HAPI.

In the future Company will focus on the production and sales of injections sicc. (by filling of sterile powder) and liquid injections (ampoules) for niche markets; development, production and sales of platinum specialities and HAPI in certified clean rooms; production and sales of Nystatin for human and veterinary use as well as contract manufacturing in fermentation by utilization of free fermentation capacities.

## **VUAB Pharma a.s.**

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