



CERES F&D

A subsidiary of Alteogen Inc.
 **ALTEOGEN Inc.**

Ceres F&D, Inc.

Introduction

NOTICE Proprietary and Confidential

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Overview of Ceres F&D Inc.



BUSINESS TYPE

Manufacturer / Exporter

CAPITAL (2020)

2,207mil ₩(Korean won)

ESTABLISHED YEAR

Aug., 2018 (by Alteogen Inc.)

CEO

Jimmy Son

EMPLOYEE / R&D

51/ 22

PRODUCTION CAPACITY

Vancomycin HCl 4 MT/year

Teicoplanin 200 kg/year

Tacrolimus 200 kg/year
(400kg/year from 2021)

Business Cycle

Main Products

•Antibiotics

Teicoplanin Sterile
(EP/JP/IP/KP)

Vancomycin HCl Sterile
(EP/USP/JP/IP/KP)

•Immunosuppressants

Tacrolimus
(EP/USP/JP/IP)

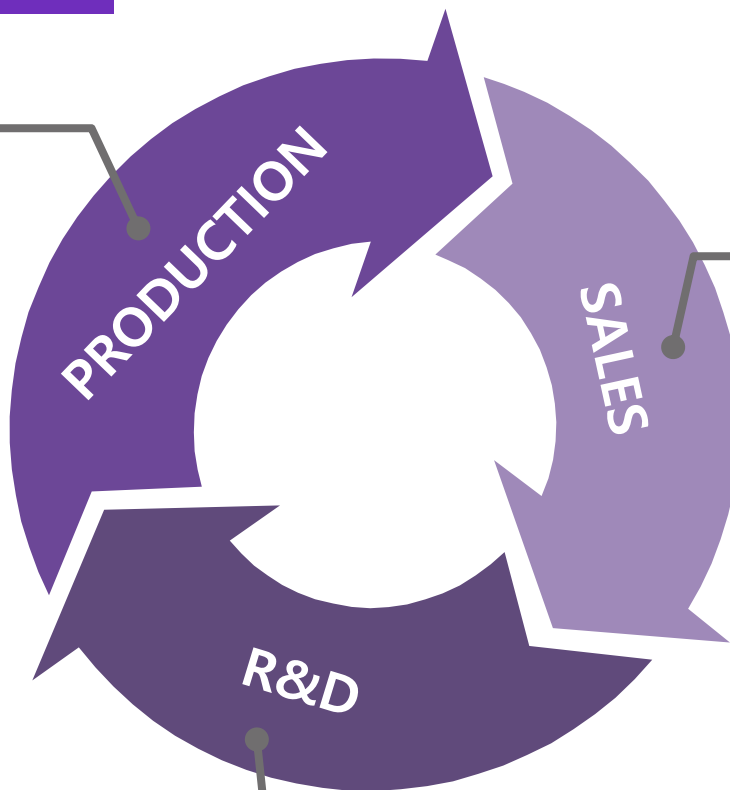
- On going to get CEP by EU
- On going to get PMDA approval by Japan
- On going to get USFDA approval

•Immunosuppressive Drugs

Tacrolimus water soluble
Everolimus API
Sirolimus API

•Biological Drugs

rec.human Hyaluronidase



Global Network

Japan

India

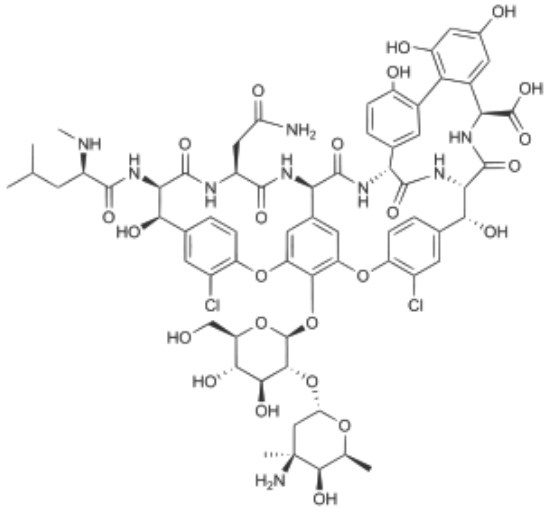
Brazil/LATAM

Russia/CIS

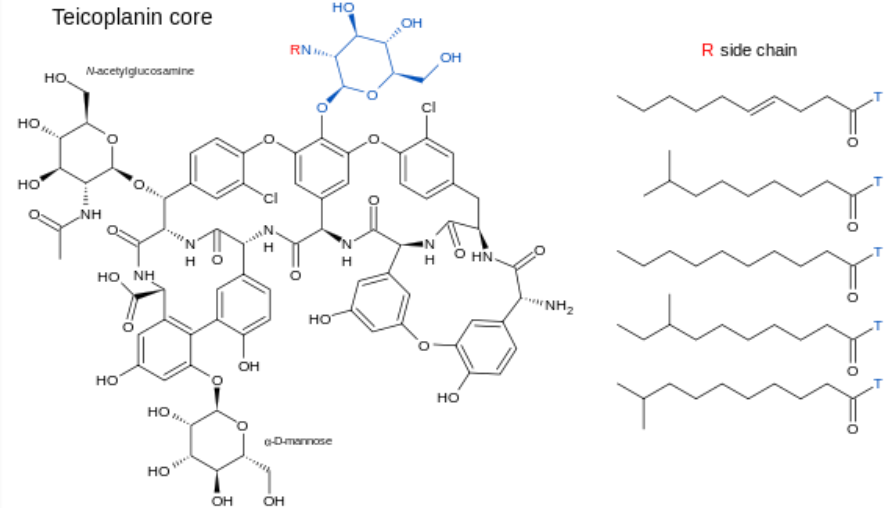
Pipeline

Antibiotic Products

Vancomycin



Teicoplanin



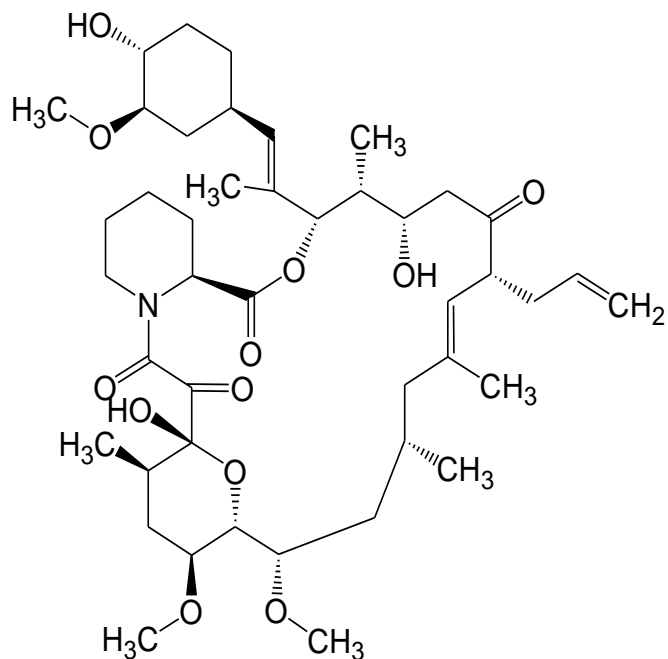
Class: Glycopeptide antibiotics

Application: Recommended for serious infections
e.g. MRSA, endocarditis, meningitis, peritonitis, etc.

Patents: 11 patents registered in Korea and overseas
8 for Vancomycin, 2 for Teicoplanin

Immunosuppressant Product

Tacrolimus



Name: Tacrolimus, FK506, Fujimycin

Structure: Polyketide macrolide lactone

**impossible to make via chemical fusion*

Production Strain: *Streptomyces tsukubaensis*

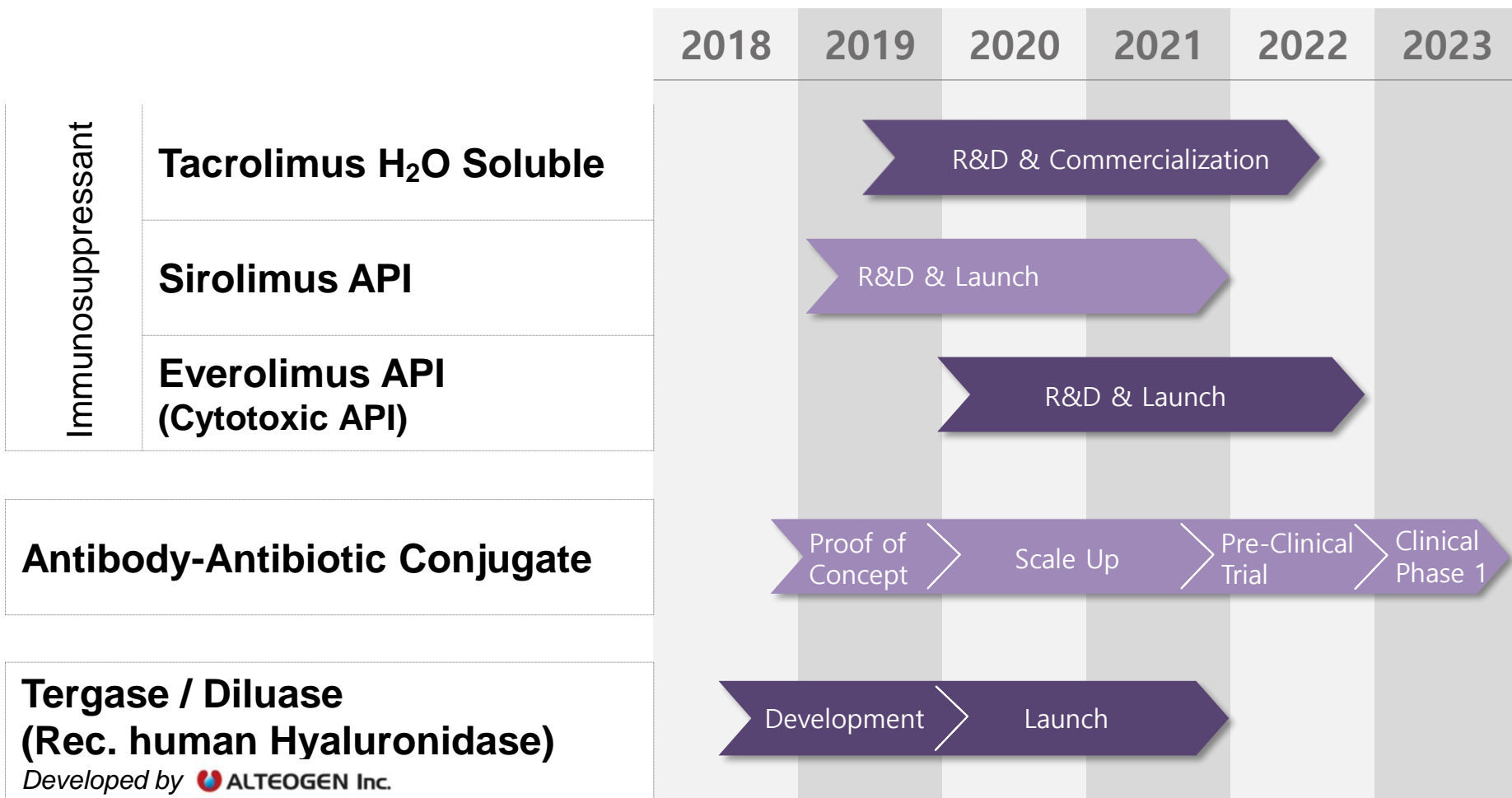
Patents: 8 Total (Korea, Overseas, PCT)

Mech. of Action: Inhibits T-cell activation
 • Calcineurin inhibitor

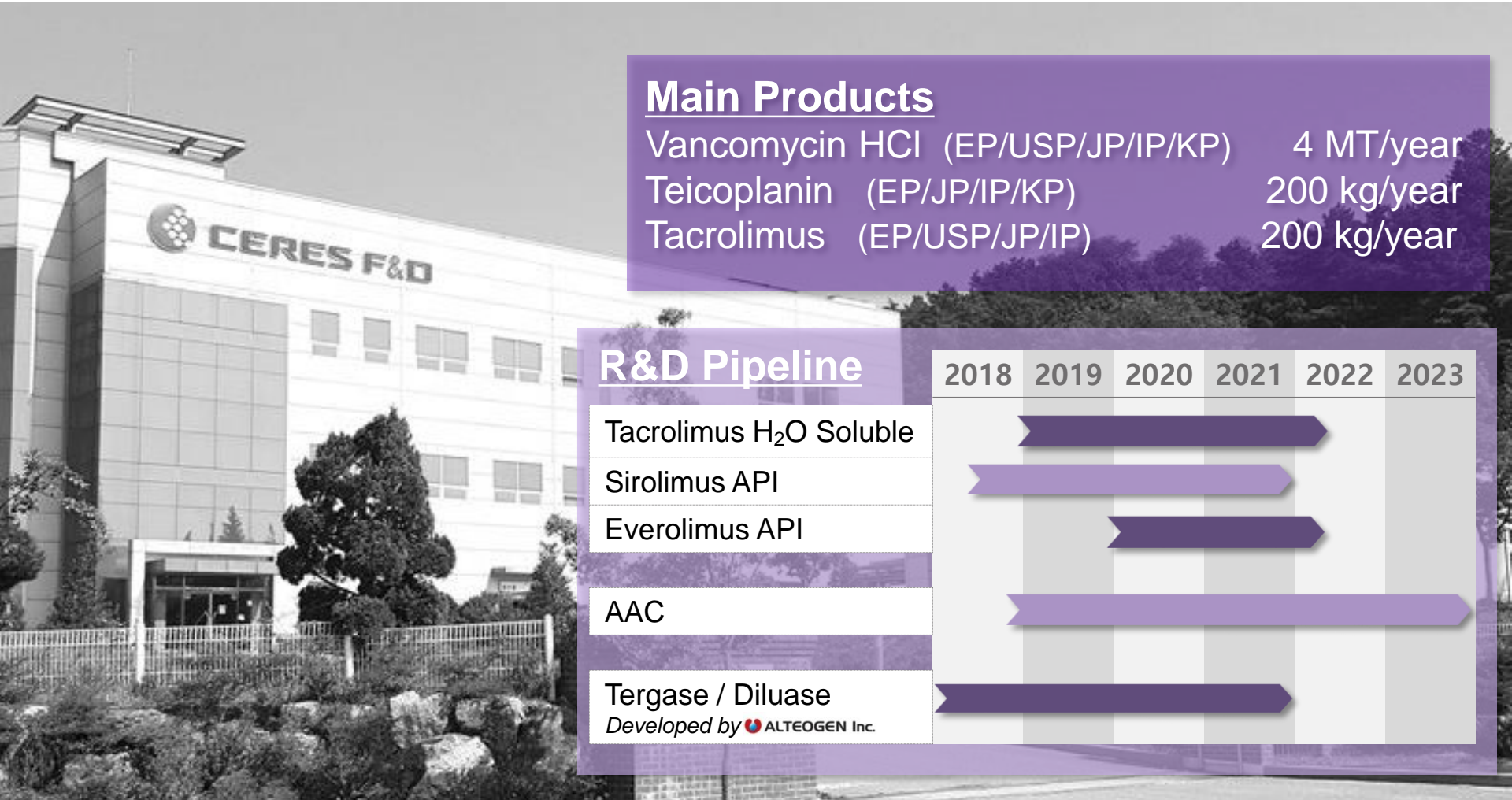
Application: Immunosuppressant

- Prevent rejection of transplanted organs
- Treat atopic dermatitis
- Oral, topical, and injection

R&D Pipeline



Conclusion



Main Products

Vancomycin HCl (EP/USP/JP/IP/KP)	4 MT/year
Teicoplanin (EP/JP/IP/KP)	200 kg/year
Tacrolimus (EP/USP/JP/IP)	200 kg/year

R&D Pipeline

Tacrolimus H₂O Soluble

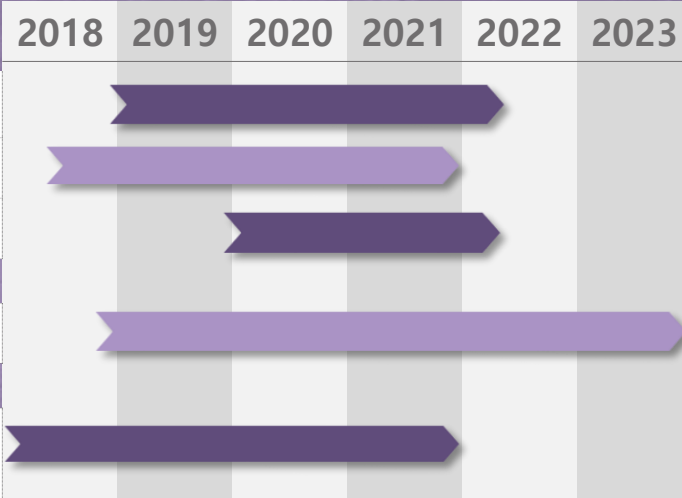
Sirolimus API

Everolimus API

AAC

Tergase / Diluase

Developed by  ALTEOGEN Inc.



Thank you for your attention.