ASX Announcement

24 September 2021

ACCESS CHINA Biotech Forum

MELBOURNE, AUSTRALIA (24 September 2021): Hexima Limited (ASX:HXL), attaches its corporate presentation for the ACCESS CHINA Biotech Forum, a business development forum for pharma and biotech leaders outside China to meet local companies and consider the opportunity for potential development, licensing, and commercial collaborations. Michael Aldridge, CEO of Hexima will present today at 1:00PM (AEST) in the Autumn Showcase event to be held in Suzhou and online.

For more information on the ACCESS CHINA Biotech Forum and to register to attend the event visit the following link:

https://biotochina.org/2021/08/18/hexima-limited-will-present-access-china-biotech-forum-2021/

This announcement is authorised for release to ASX by Michael Aldridge, Chief Executive Officer.

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About Hexima

Hexima (ASX:HXL) is a clinical stage, anti-infectives focused biotechnology company engaged in the research and development of defensin peptides for applications as human therapeutics. Our lead product candidate, pezadeftide (HXP124) applied in a topical formulation, is a potential new prescription treatment for toenail fungal infections (or onychomycosis). Hexima is currently conducting an Australian phase IIb clinical trial testing pezadeftide for the treatment of onychomycosis. Hexima holds granted, long-life patents protecting pezadeftide in major markets globally. For additional information please visit www.hexima.com.au. You can also find us on Twitter and LinkedIn.

SEPTEMBER 2021

HEXIMA LIMITED (ASX:HXL)

A game-changing treatment for onychomycosis

hexima

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All dollar values are in Australian dollars (A$) unless stated otherwise.

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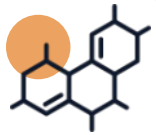
HEXIMA LIMITED (ASX:HXL)

DEVELOPING A NOVEL TOPICAL PRODUCT ADDRESSING A CLEAR UNMET NEED IN A LARGE AND GROWING MARKET



CLINICAL-STAGE, INFECTIOUS DISEASE-FOCUSED BIOTECHNOLOGY COMPANY

Lead program is pezadeftide (HXP124), a **potential new topical treatment** for onychomycosis (fungal nail infections)

Exploring other applications for its anti-fungal peptide platform

LARGE AND GROWING MARKET WITH **SUBSTANTIAL UNMET NEED**

Onychomycosis **affects ~14% of the US population.** Global market for treatments for onychomycosis **US$3.7 bn**

Current treatments do not meet patient needs

- Topical drugs - long course of treatment, limited efficacy
- Oral drugs - more effective but risk of toxic side effects

Patients and clinicians have a **clear preference for a safe topical product** with a more convenient **shorter course of therapy and better efficacy**

NOVEL, PROPRIETARY MOLECULE WITH UNIQUE MOA

Pezadeftide is a patented biologic with a **novel fungicidal mode of action**

Rapidly penetrates the human nail to target the site of infection

PEZADEFTIDE ADDRESSES AN UNMET NEED. GOAL TO BE THE **TREATMENT OF CHOICE**

Demonstrated in a phase I/IIa clinical trial to have a favourable safety profile and deliver effective and rapid anti-fungal treatment

Safe and well tolerated

High efficacy via consumer-friendly topical application

Short, convenient course of therapy, delivers rapid resolution of disease

WELL-DEFINED DEVELOPMENT PATH

Currently in Australian phase IIb clinical trial – results Q2 2022

File IND with FDA in Q4 2021

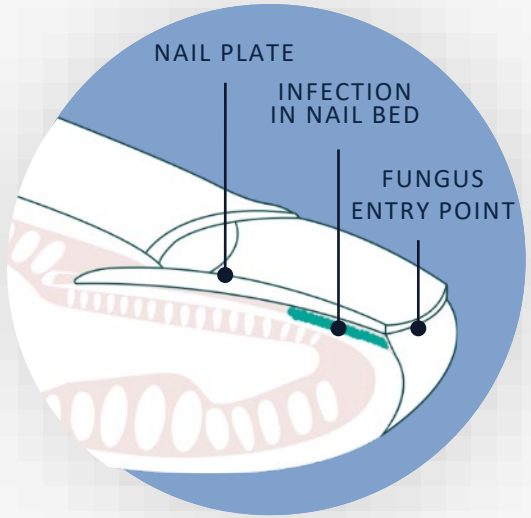
Phase III 2022

PEZADEFTIDE IN ACTION

Click to play animation

ONYCHOMYCOSIS (FUNGAL NAIL INFECTION)

COMMON INFECTIOUS DISEASE WITH A SIGNIFICANT HEALTHCARE BURDEN



PATHOPHYSIOLOGY

Dermatophytes (fungi that cause skin disease) typically enter through the distal groove at the end of the nail and proliferate in the nail bed.

Left untreated, the nail becomes thick and brittle and easily separates from the nail bed, causing pain. Also serves as a reservoir for further infections.

Infectious disease: risk factors include increasing age, athlete's foot, diabetes, and immunodeficiency.

Patients experience pain, discomfort and difficulty wearing shoes. Quality of life is affected by nail dystrophy and unacceptable cosmetic appearance.

Onychomycosis is estimated to affect 10-14% of the population and is the most common nail disorder.

4 P.A.

Onychomycosis is responsible for an average of 4 doctors visits annually by patients seeking treatment.

50% EXPERIENCE PAIN

51% ARE IMPACTED WEARING SHOES

66% DISTRESSED BY APPEARANCE OF THEIR NAILS

Tatchibana et al., Journal of Fungi, 2017
Infection Inspection, Dermatology World, 2017
Joseph et al, Supplement to Podiatry Today, 2013;
Milobratovic et al., Mycoses, 2013

EXISTING THERAPIES DO NOT MEET CONSUMER NEEDS

CLEAR MARKET NEED FOR A SAFE, CONVENIENT AND MORE EFFECTIVE TOPICAL PRODUCT

TOPICAL TREATMENTS → Long treatments, poor efficacy

ORAL DRUGS → Better efficacy but potential for serious adverse events

Patients with onychomycosis reluctant to use **oral drugs** because of **potential toxicity**

Topical products are therefore **strongly preferred**

However, **existing topicals** suffer from **low efficacy** rates and **long courses of therapy**

Patients often **stop treatment** because the appearance of the nail does not improve for many months

Ghannoum et al., J Am Acad Dermatol, 2000; Tosti & Elewski, J Clin and Aesth Dermatol, 2014; ClearView Healthcare Partners proprietary market research, 2019

PEZADEFTIDE: A POTENTIAL GAME-CHANGING SOLUTION

PEZADEFTIDE TARGETS CONSUMER PREFERENCE FOR A CONVENIENT, SAFE AND EFFECTIVE THERAPY

CONSUMER PREFERENCES

PRODUCT TYPE	LAMISIL® TERBINAFINE ORAL	Kerydin™ TAVABOROLE TOPICAL	JUBLIA® EFINACONAZOLE TOPICAL	Penlac™ CICLOPIROX TOPICAL	hexima PEZADEFTIDE TOPICAL
Short Treatment	✓	✗	✗	✗	✓
Efficacious	✓	✗	✗	✗	✓
No systemic toxicity	✗	✓	✓	✓	✓
No local side effects	N/A	✗	✗	✓	✓

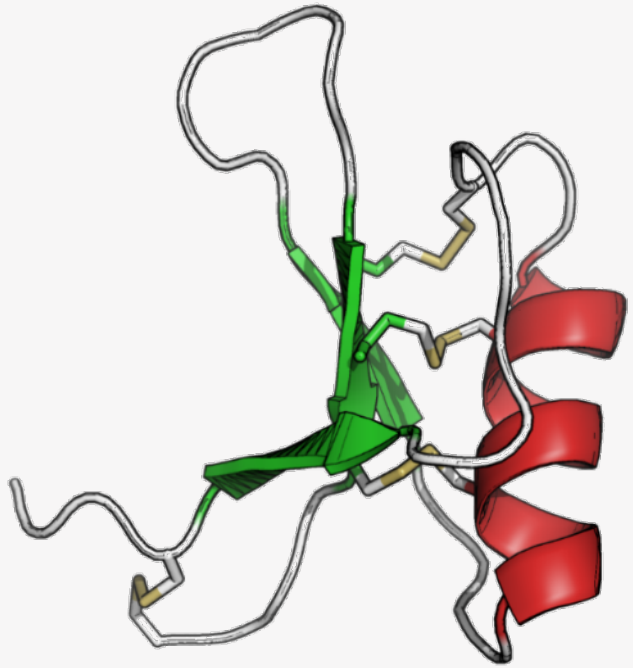
OUR SOLUTION: PEZADEFTIDE IS A NATURALLY OCCURRING PEPTIDE

ITS UNIQUE PROPERTIES ENABLE RAPID NAIL PENETRATION AND FUNGAL KILLING

Pezadeftide is a potent broad-spectrum antifungal peptide that has evolved to kill fungal pathogens

- Hydrophilic & highly soluble – drives nail penetration
- Resistant to proteases & extremely stable
- Regulated as a biologic
- Excellent safety profile
- Does not pass through human skin

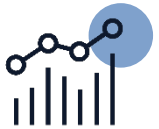
PEZADEFTIDE MOLECULE



EFFECTIVE TOPICAL TREATMENT OF ONYCHOMYCOSIS REQUIRES THREE DRUG PROPERTIES

Efficient nail penetration

THE DRUG NEEDS TO REACH THE FUNGUS IN THE NAIL BED WHICH IS THE MAIN SITE OF INFECTION



Efficient fungal cell killing

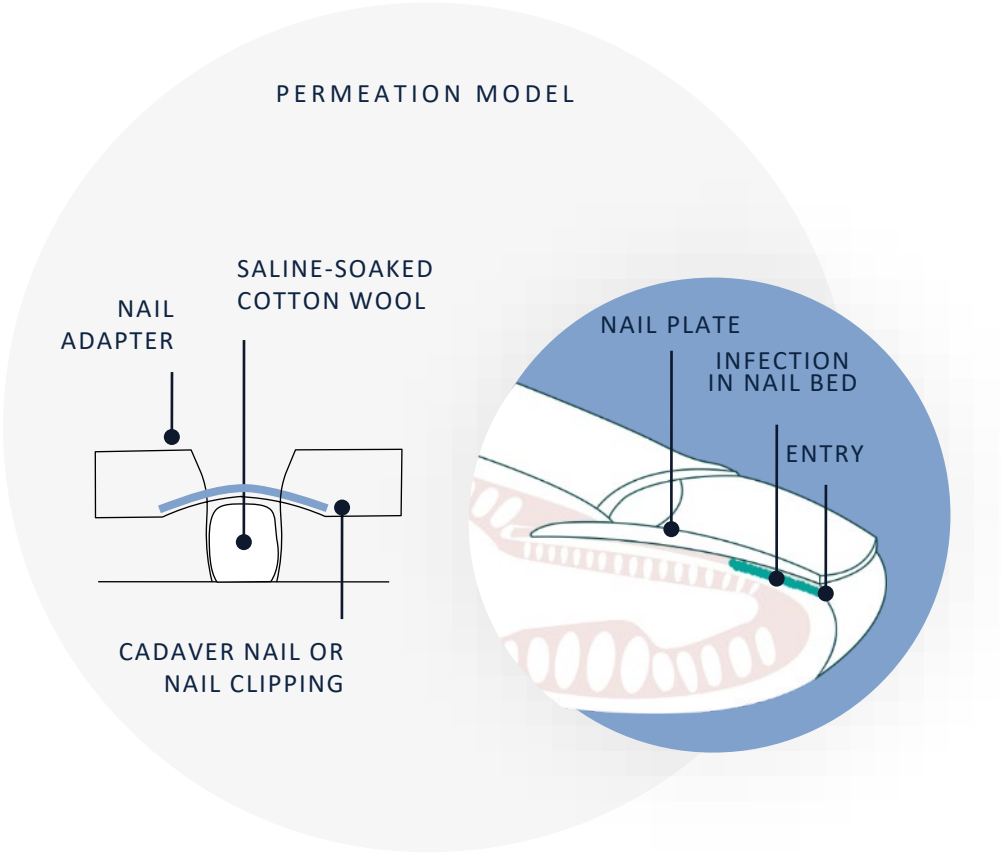
THE DRUG NEEDS TO RAPIDLY KILL THE FUNGAL PATHOGENS THAT CAUSE ONYCHOMYCOSIS UPON CONTACT

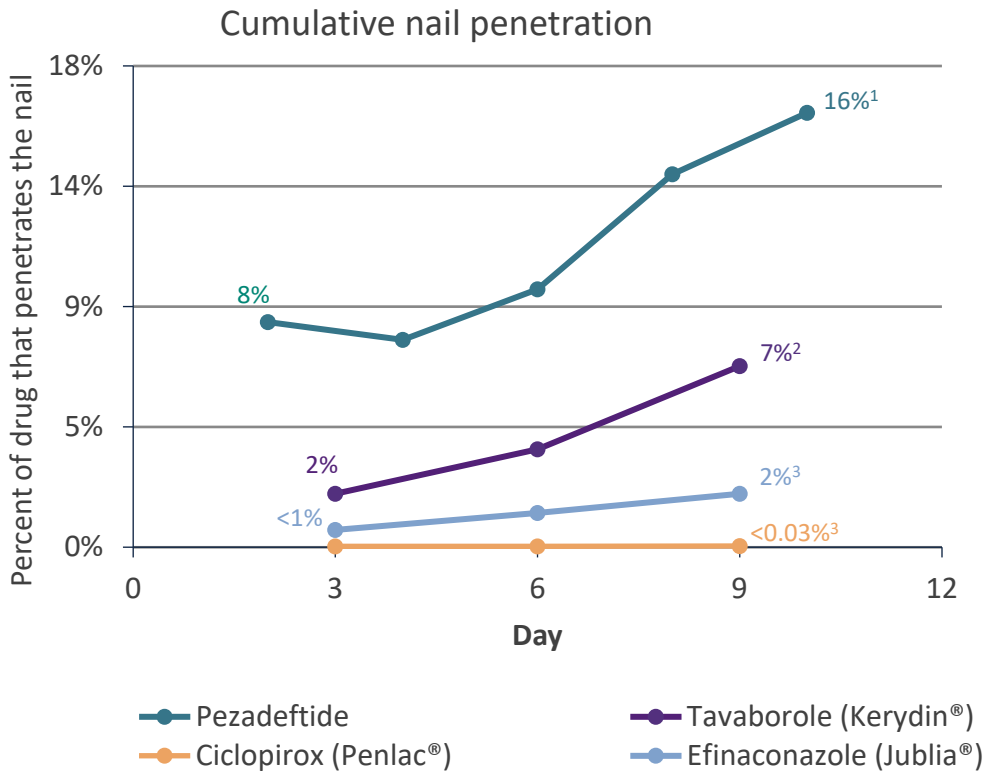
Activity in the presence of keratin

THE DRUG NEEDS TO WORK IN THE NATURAL ENVIRONMENT OF THE NAIL BED AND NAIL PLATE WHICH ARE RICH IN KERATIN

TOPICAL TREATMENTS MUST PENETRATE THE NAIL

PEZADEFTIDE PENETRATES NAILS FASTER AND MORE COMPLETELY THAN OTHER TOPICAL PRODUCTS



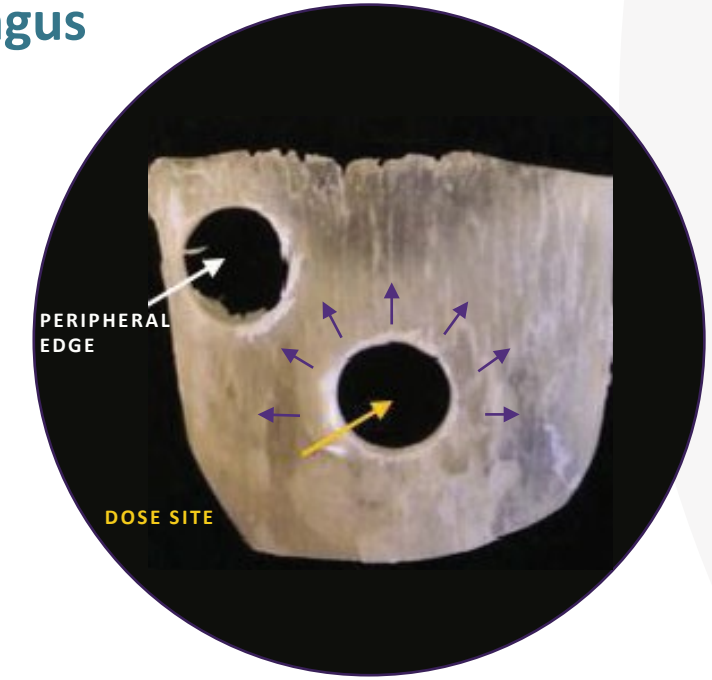


1 Internal study 2 Kaken Pharma and Dow Pharma, Sugiura et al., 2014; 3 UCSF Medical Center, Hui et al., 2006
Based on method developed by Dr. Howard Maibach. (UCSF Medical Center, Hui et al., 2007)

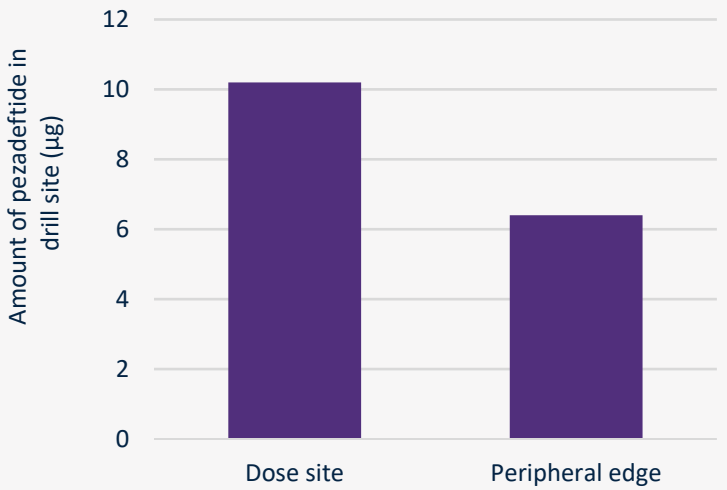
PEZADEFTIDE DIFFUSES THROUGH THE NAIL PLATE

ACCUMULATES IN NAILS AT THE SITE OF APPLICATION AND DIFFUSES TO AREAS THAT ARE NOT DOSED

Pezadeftide accumulates in nails to levels that kill fungus



PEZADEFTIDE WITHIN THE NAIL PLATE



HUMAN NAILS DOSED WITH PEZADEFTIDE WERE DRILLED TO COLLECT NAIL MATERIAL FROM THE DOSE SITE (YELLOW ARROW) AND THE EDGE OF THE NAIL (WHITE ARROW)

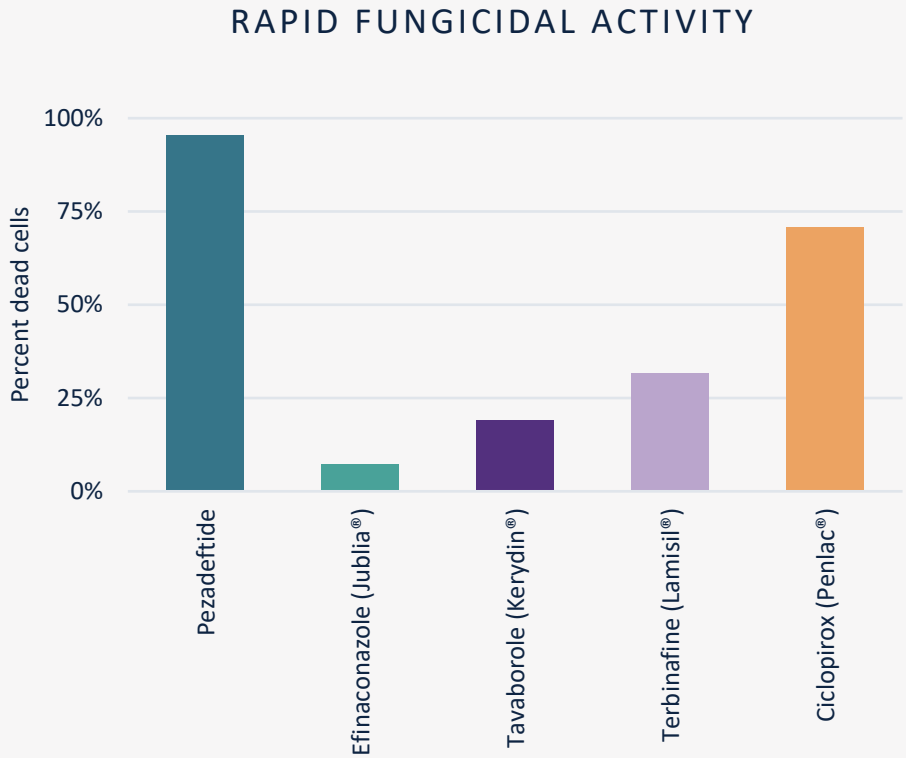
Note: Internal study

SPECIFIC AND RAPID FUNGICIDAL ACTIVITY

NOVEL FUNGICIDAL MODE OF ACTION ALLOWS RAPID RESOLUTION OF THE INFECTION

Pezadeftide kills fungal cells in less than 30 minutes via a novel mode of action

- Pezadeftide is specific for fungal cells and does not impact the viability of human cells
- Ineffective killing by drugs currently on the market means the fungus often regrows when treatment is stopped



FLUORESCENCE ASSOCIATED CELL SORTING (FACS) OF PROPIDIUM IODIDE STAINED CELLS WAS USED TO IDENTIFY LIVING AND DEAD CANDIDA ALBICANS CELLS AFTER 30 MIN TREATMENT WITH ANTIFUNGAL AGENTS

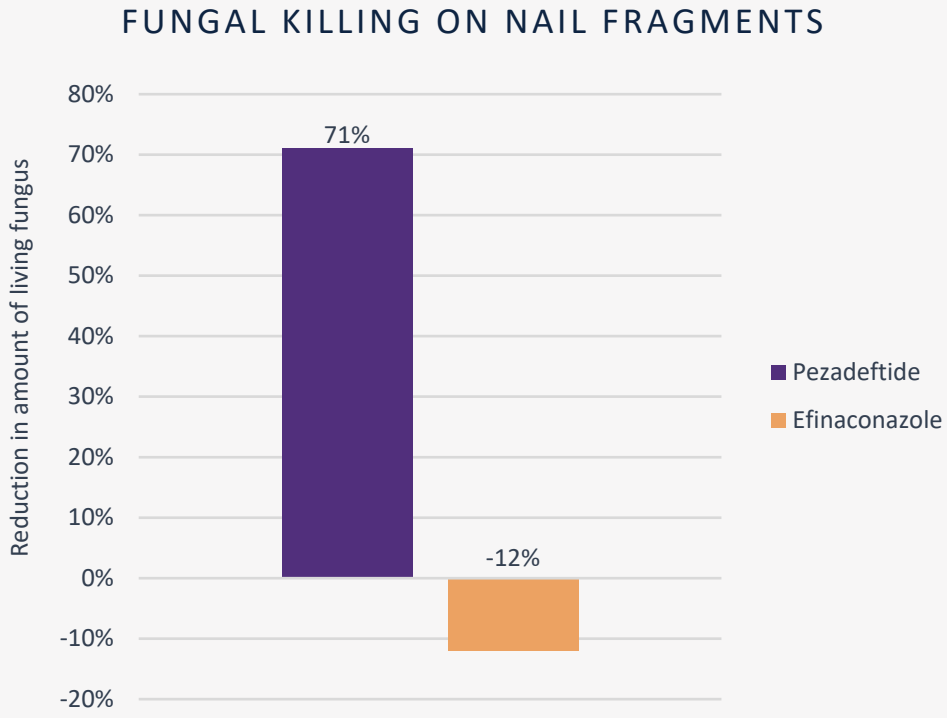
Note: Internal study

PEZADEFTIDE KILLS FUNGUS GROWING ON NAIL FRAGMENTS

KILLS MORE EFFICIENTLY THAN LEADING TOPICAL PRODUCT

Pezadeftide kills *T. rubrum* growing on nail fragments more efficiently than efinaconazole

- Growth on nail fragments mimics the natural infection as fungus use keratin as nutrient source



T. RUBRUM CELLS GROWN ON HUMAN NAIL FRAGMENTS WERE TREATED WITH PEZADEFTIDE OR EFINACONAZOLE. VIABILITY OF FUNGAL CELLS WAS MONITORED USING A FLUORESCENT DYE

Note: Internal study

SUCCESSFUL PHASE I/IIA CLINICAL TRIAL

HXP124-ONY-001 – TRIAL DESIGN

Randomised, double blind, vehicle-controlled, ascending dose cohort study

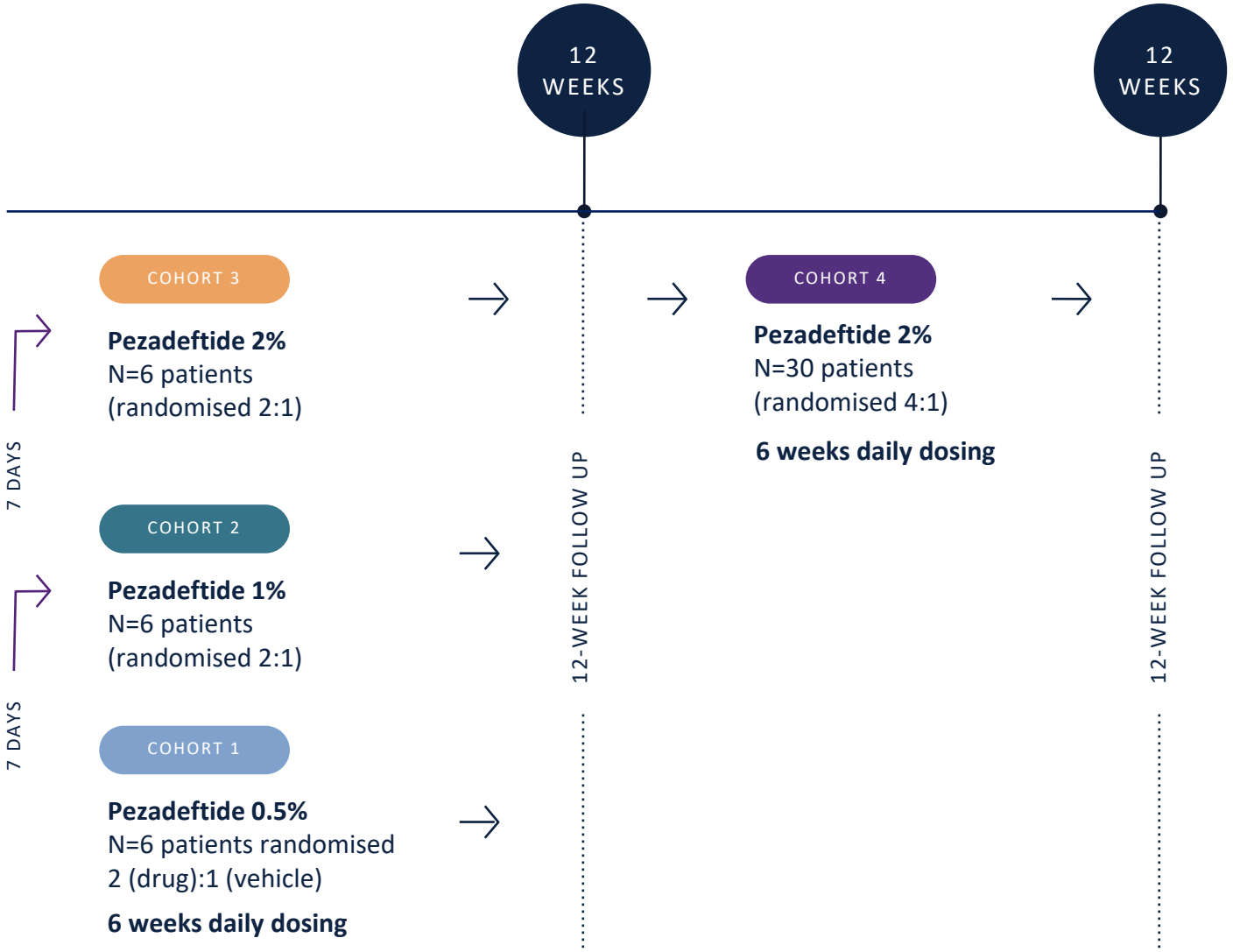
Patients treated nails daily with pezadeftide (or vehicle) for 6 weeks with follow-up at 12 weeks

- 36 patients treated with pezadeftide, 12 treated with vehicle

Cohort 1, 2, 3 escalation cohorts

Cohort 4 expansion cohort

- 30 patients, pezadeftide 2% vs vehicle, 6 weeks dosing



ANZCTR registration number: ACTRN12618000131257

PRIMARY ENDPOINT
SAFETY AND TOLERABILITY

HXP124-ONY-001 – NO SYSTEMIC ABSORPTION
AND NO LOCAL REDNESS OR IRRITATION

Pezadeftide is safe and well tolerated

NO DRUG-RELATED ADVERSE EVENTS

Pezadeftide is safe and well tolerated when applied daily for 6 weeks.

NO SYSTEMIC TOXICITY

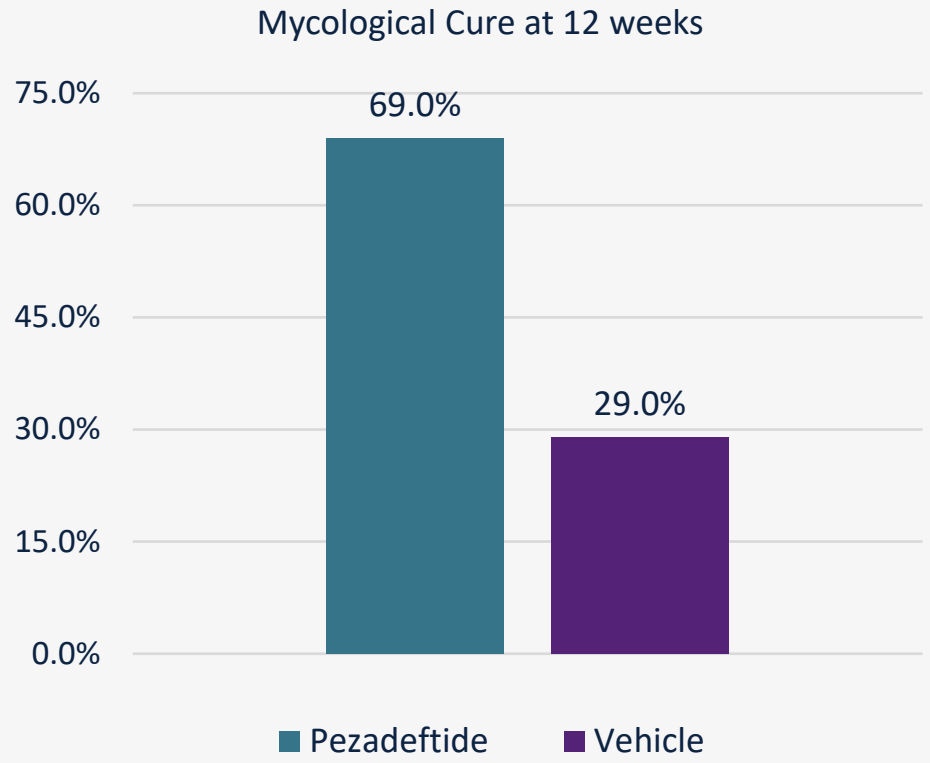
Pezadeftide accumulated in nails and was still detectable 6 weeks after dosing but was not detected in the bloodstream.

EFFECTIVE AND RAPID ANTI-FUNGAL ACTIVITY

HXP124-ONY-001 – MYCOLOGICAL CURE RATE FOR COHORT 4
30 PATIENTS TREATED AT HIGH DOSE (2%) FOR 6 WEEKS

Mycological cure* was achieved in 69% of pezadeftide-treated nails in Cohort 4 within 12 weeks (vehicle 29%)

- **Mycological Cure* rate at 12 weeks**, >2-fold higher than current treatments, after only 6 weeks of daily treatment



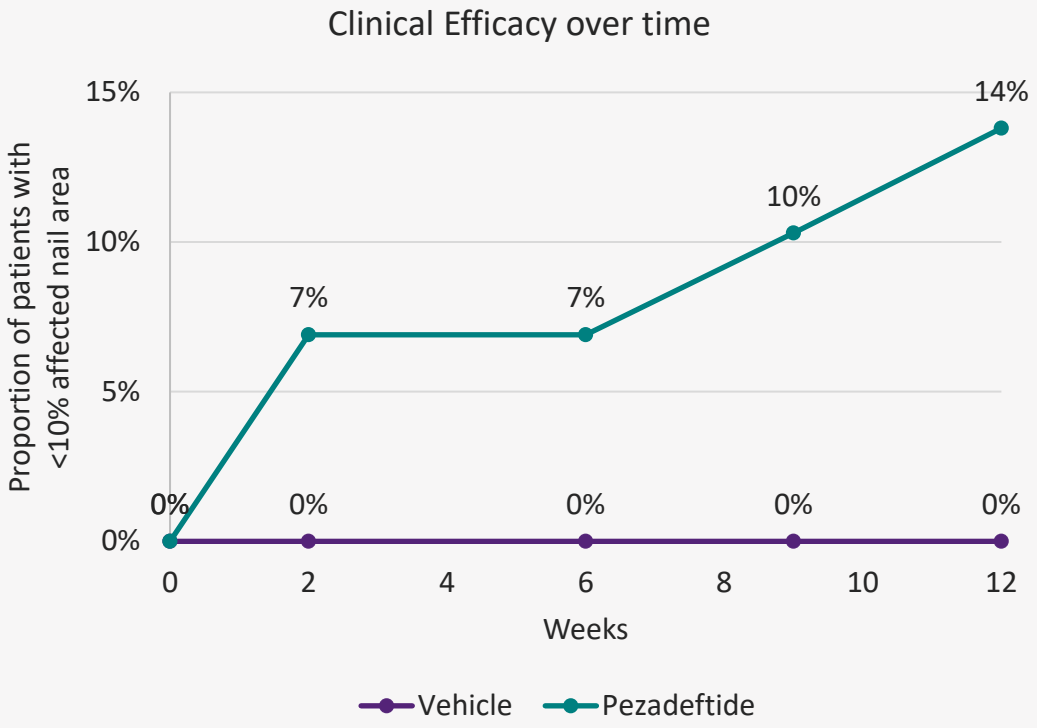
*Mycological cure: KOH stain negative and culture negative

PEZADEFTIDE RAPIDLY CLEARED THE AFFECTED NAIL AREA

HXP124-ONY-001 – CLEAR NAIL GROWTH FOR COHORT 4
30 PATIENTS TREATED AT HIGH DOSE (2%) FOR 6 WEEKS

Pezadeftide cleared the affected nail area more effectively than vehicle (formulation not containing pezadeftide)

- **Clinical Efficacy* was achieved in 14% of 2% pezadeftide-treated nails** within just 12 weeks
- No vehicle-treated nails achieved Clinical Efficacy



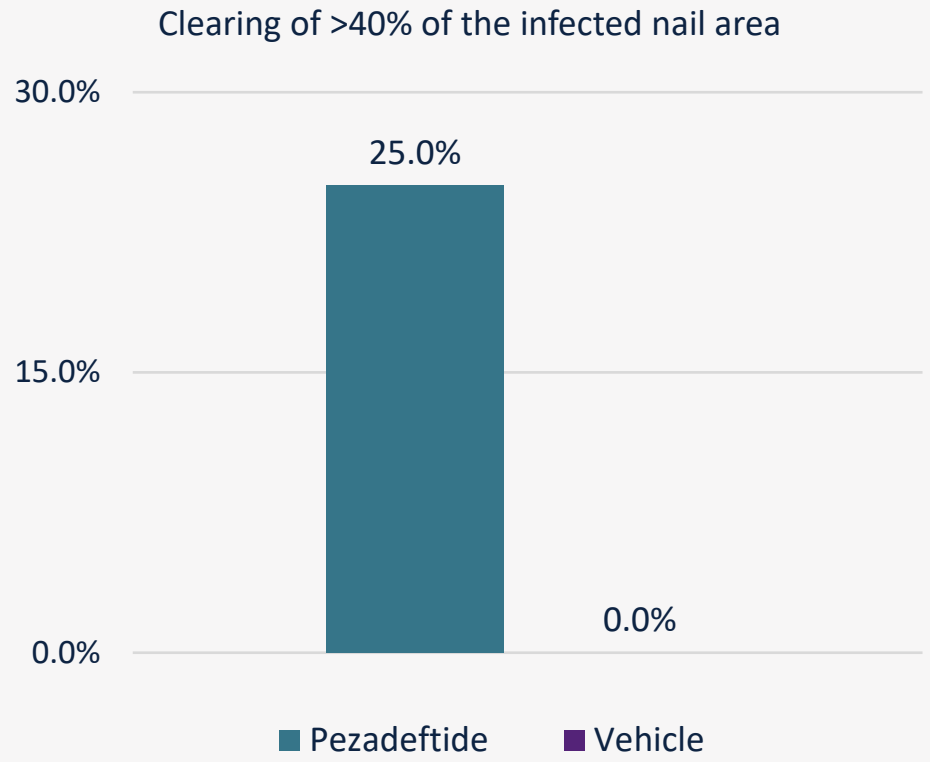
*Clinical Efficacy = <10% of the nail area affected.

EXTENSIVE NAIL CLEARING IN JUST 12 WEEKS

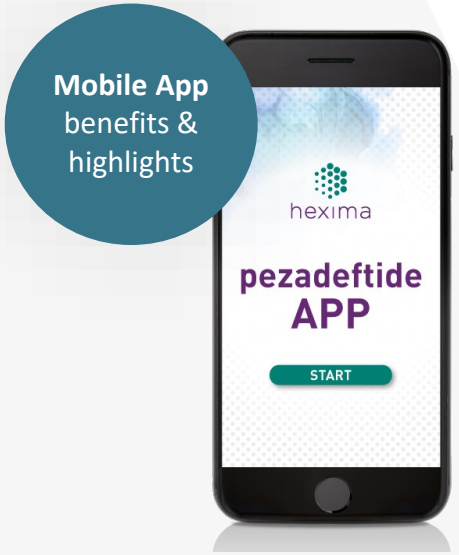
HXP124-ONY-001 – PERCENT CLEARING OF INFECTED NAIL AREA FOR COHORT 4 PATIENTS TREATED AT HIGH DOSE (2%) FOR 6 WEEKS

Pezadeftide cleared the affected nail area more effectively than vehicle (formulation not containing pezadeftide)

- More pezadeftide-treated nails in Cohort 4 showed a greater than 40% reduction in the infected nail area (25%) than vehicle-treated nails (0%)



PATENT FILED ON COMPLIANCEPAK ASSOCIATED MOBILE APPLICATION



CompliancePak

- No spill / difficult to misplace
- Easy to open / child resistant
- Reinforces FDA use directions
- Connects by QR code to mobile app

Mobile app

- Reinforces FDA use directions (with video)
- Compliance reminders / confirmation of treatment
- Visual tracking of treatment progress
- Teledoc: diagnosis, prescription and refills

POTENTIAL TO DELIVER THE PREFERRED SOLUTION IN A CONSUMER-DRIVEN MARKET

Safe, topical medication

Convenient, short course of therapy

Effective, best-in-class mycological cure

FOR PATIENTS WHO WANT

- An easy-to-apply topical solution
- Rapid improvement in the appearance of the nail
- Early affirmation the drug is working
- A short course of effective treatment

FOR PHYSICIANS WHO WANT

- An effective product that will cure the infection
- A safe product
- To quickly know a patient is responding to therapy

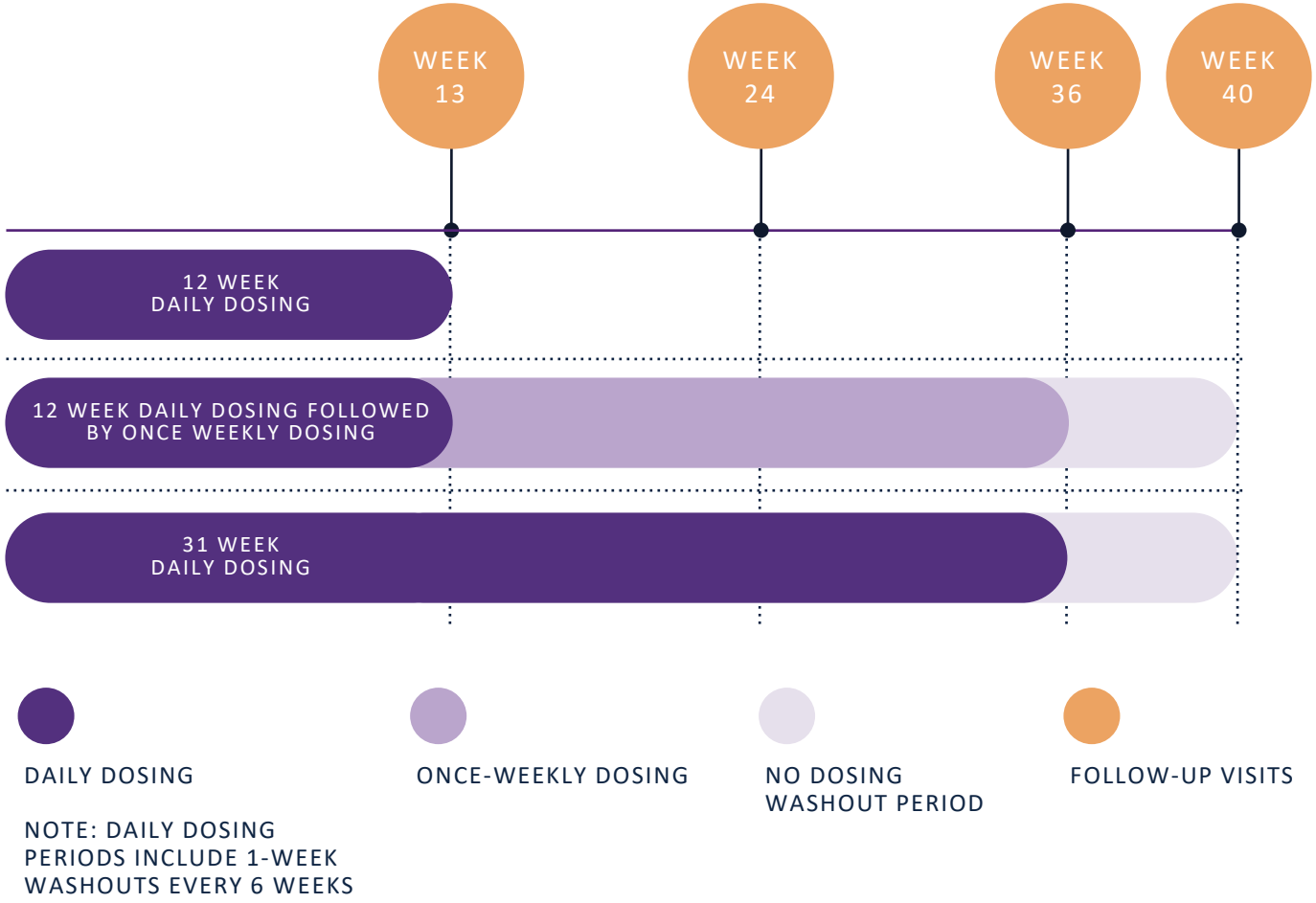
FOR PAYERS WHO WANT

- An effective product that patients will not abandon
- A competitively-priced product

ClearView Healthcare Partners proprietary market research, 2019

AUSTRALIAN PHASE IIB CLINICAL TRIAL

HXP124-ONY-002



Enrolment completed July 2021

- Multi-center, randomised, double blind, vehicle-controlled study
- Primary endpoint safety and tolerability, secondary endpoints Mycological Cure and Clinical Efficacy
- Three active (2% pezadeftide) versus vehicle arms to test optimal dosing strategy
- Safety & efficacy assessed at 13, 24, 36 and 40 weeks, data expected Q2 2022

HXP124-ONY-002 ANZCTR REGISTRATION NUMBER: ACTRN12620000697987

A HIGHLY COMPELLING COMMERCIAL OPPORTUNITY

PEZADEFTIDE CAN CAPTURE MARKET SHARE
IN TOPICAL, ORAL AND OTC MARKETS

STRONG CLINICAL PROFILE

Market demand for greater efficacy with shorter treatment duration.

Potential for pezadeftide to become preferred topical product

DIFFERENTIATE VS. STANDARD OF CARE

Topicals; Limited efficacy & long treatment. Orals; Safety and adverse event concerns

Clear opportunity to differentiate pezadeftide from current drugs and drive uptake

POTENTIAL FOR MARKET GROWTH

Promotionally sensitive market leads to rapid adoption of new products.

Pezadeftide potential to drive growth in prescription market

Pezadeftide has the potential to be the leading therapy in a large, under-served and growing market

PEZADEFTIDE IS MANUFACTURED RAPIDLY AND ECONOMICALLY

SCALE-UP WITH EUROPEAN CMO
ON-TRACK

Pezadeftide is produced in a yeast expression system with a highly competitive cost of goods

- Pezadeftide has been manufactured to GMP.
- Commercial-scale contract manufacturer engaged
- Pezadeftide successfully produced at large-scale
- Drug product retains activity when stored at room temperature for 24 months

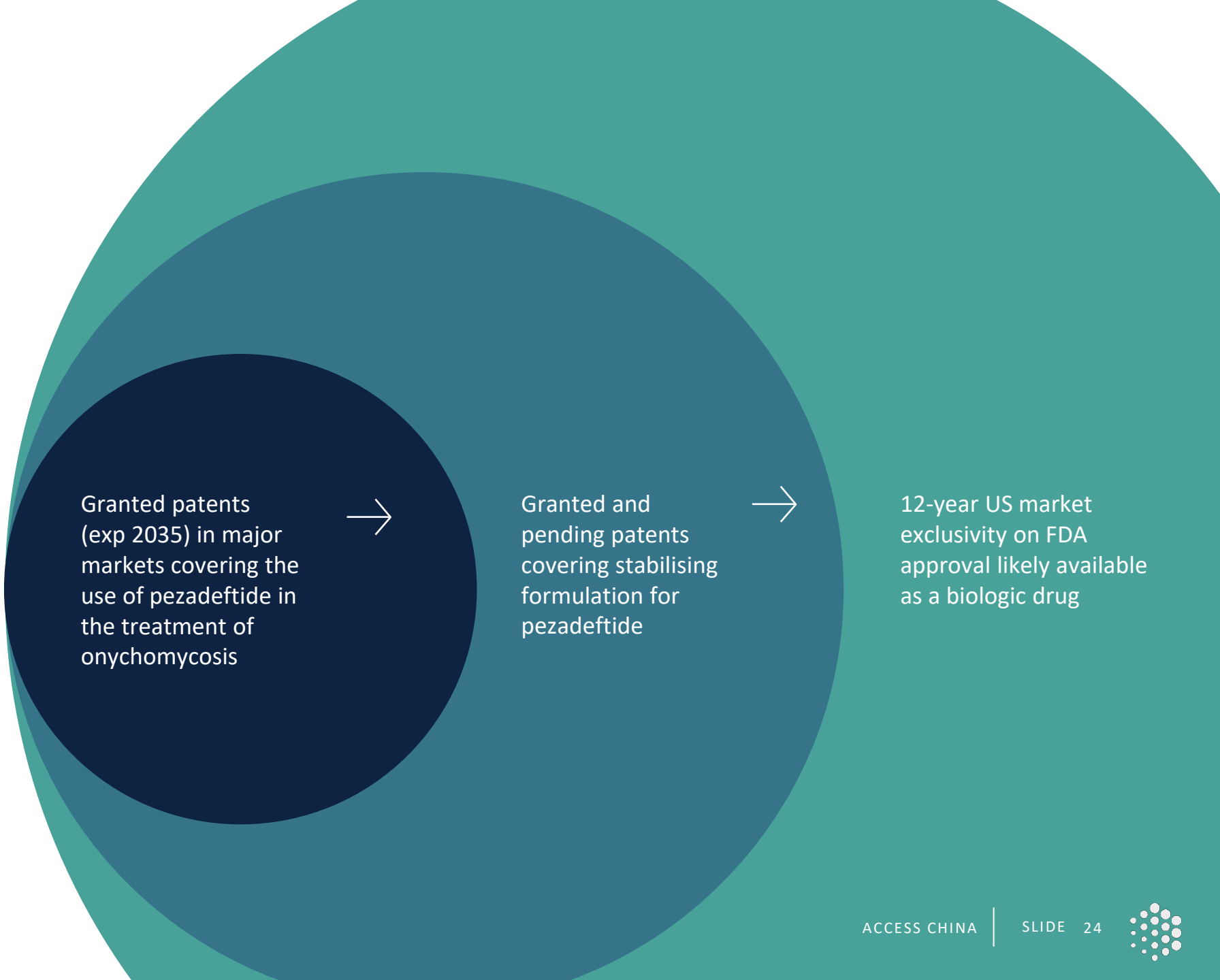
PICTURED
Fermenter and Chromatographic purification at European CMO

STRONG PATENT POSITION

ADDITIONAL PROTECTION VIA FORMULATION PATENTS AND MARKET EXCLUSIVITY FOR BIOLOGICS

Clearly defined growth strategy

- Develop independently in US and EU (ICH) markets
- License and collaborative development in Japan - presently in preliminary discussions with multiple parties



PEZADEFTIDE: A POTENTIAL SOLUTION FOR A LARGE AND POORLY SERVED MARKET

POORLY SERVED MARKET

- Affects 14% of the population
- Strong consumer preference for topical products
- Clear unmet medical need

NEW AND UNIQUE

- Novel molecule with unique mode of action
- Strong patent protection and long patent life

SAFE

- No systemic effects
- No local redness or irritation

CONVENIENT

- Easy to apply
- Short treatment duration
- Rapid clearing of infected nail

EFFECTIVE

- Efficiently penetrates the nail
- Rapidly kills fungus
- Best-in-class mycological cure

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