



2021 Full Year Results  
16<sup>th</sup> of March 2022

# Forward-Looking Statements

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# Agenda for Today's Call

- Hyloris: geared for growth
- Business update
- Financial results Full Year 2021
- Outlook for 2022
- Q&A

# Rethinking, Reinventing, Optimising Existing Medications

To improve overall therapy outcomes

REFORMULATING



Changing dose or route of administration

REPURPOSING/  
REPOSITIONING



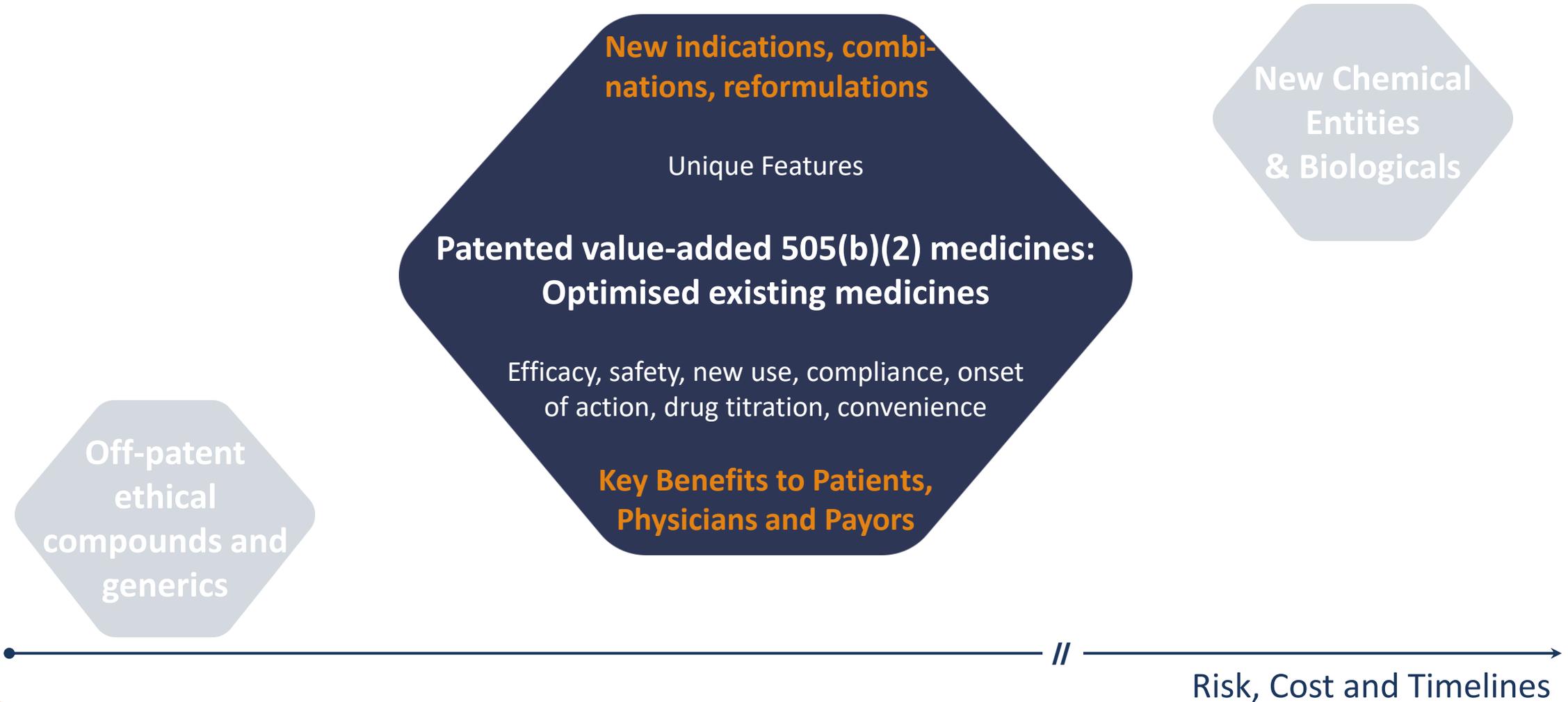
Finding new indications

For the benefit of patients, physicians, payors

# Faster Innovation at Considerably Lower Costs and Risks



# Patented Value-Added Medicines: Pharma's Sweet Spot



# Hyloris: Key Investment Highlights

## Growth Pillars

**15**<sup>1</sup> patented product candidates in the pipeline

Spread across stages and indications

Expand with 4 products on average per year

**MULTIPLE SHOTS ON GOAL**

**2** products on the market with partners

Build own, lean, commercial organisation in the U.S.

Addressing large areas of unmet medical needs

**COMMERCIAL PORTFOLIO**

Patients, partners, physicians and KOLs

Real-world data and payors' input

Outsourcing of non-core activities

**VALUED PARTNERS**

# Broad, Innovative Portfolio\*: Expand to ~30 Assets by 2024

Product	Route of Administration	Indication	Formulation and Manufacturing	Clinical Development	Regulatory Filing	Target Market
<b>CARDIOVASCULAR (CV) PORTFOLIO</b>			<b>Up to 7 years</b>			
Sotalol IV	IV	Atrial fibrillation	<i>Launched in U.S./partnered with AltaThera</i>			
Aspirin IV U.S.	IV	Acute coronary syndrome				
Milrinone	Extended Release Capsule	Advanced heart failure (LVAD)				
Dofetilide IV	IV	Atrial fibrillation				
Metolazone IV	IV	Congestive heart failure				
HY-074	IV	Acute coronary syndrome				
HY-075	Oral Liquid	Coronary heart disease				
<b>OTHER VALUE-ADDED PORTFOLIO</b>			<b>Up to 7 years</b>			
Maxigesic® IV	IV	Post-operative pain	<i>Licensed in &gt;100 countries/partnered with AFT Pharmaceuticals</i>			
TXA RTU	IV	Excessive bleeding				
HY-004	Oral Liquid	Specific dental indication				
Miconazole-DB	Topical	Severe and rVVC				
Plecoïd™ Agent	IV	AML/SCLC				
Alenura™	PFS	IC / PBS				
Atomoxetine	Oral Liquid	ADHD				
HY-029	Oral Liquid	Viral infection				

\* Our high barrier generic products, HY-038, HY-016 and Fusidic Acid Cream have not been included in the above overview

Intended to be commercialised by Hyloris in the U.S.

Intended to be commercialised with partner

# Two Commercialised Products

Maxigesic® IV:  
Significant Growth of Commercial Footprint



Sotalol IV:  
Expanded Sales Force to Foster Growth

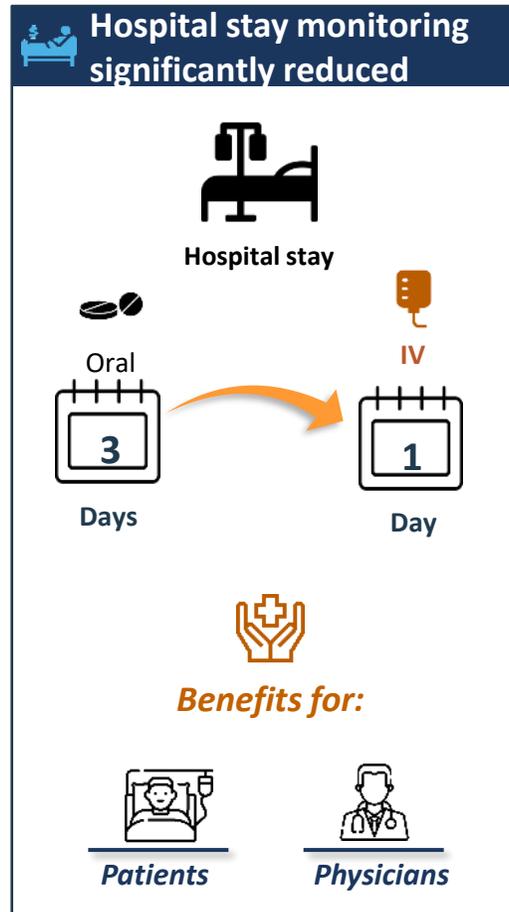
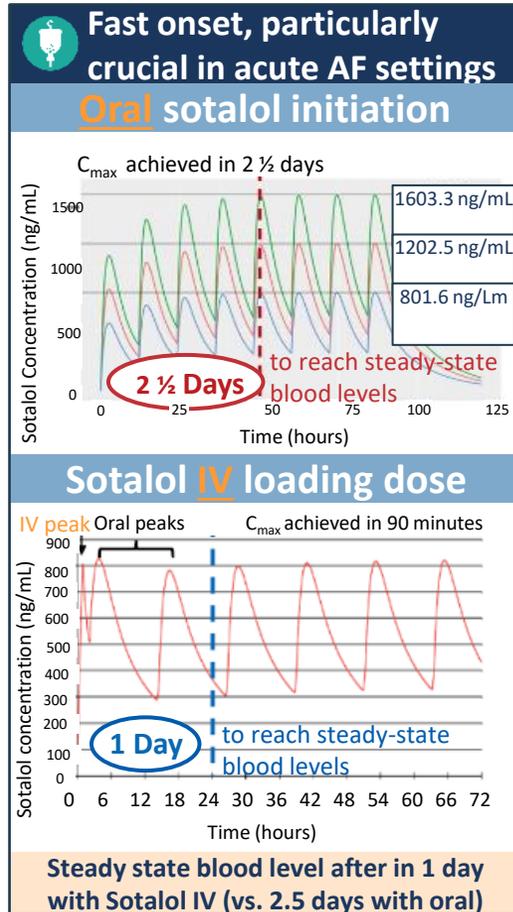
# Maxigesic® IV: Significant Growth of Commercial Footprint



- Launched in South Korea, Panama, Germany and Austria
- License agreement with Hikma in the U.S.
- Europe: additional licenses and approvals
- Patents granted across multiple jurisdictions
- FDA – PDUFA date - 30 June 2022

# Sotalol IV: Expanded Sales Force to Foster Growth

- Expansion of AltaThera's sales force to accelerate roll-out in the U.S.



# 4 innovative product candidates added in the portfolio

1. Unmet Needs in Severe and recurrent vulvovaginal candidiasis (rVVC)
2. Oral Milrinone capsule in heart failure (HF) with left ventricular assist device (LVAD)
3. Alenura™ for treatment of acute pain in interstitial cystitis (IC) and bladder pain syndrome (BPS)
4. Plecoid™ Agents for patients with acute myeloid leukemia (AML) and small cell lung cancer (SCLC)

# 1. Unmet Needs in Severe and rVVC



Pain,  
depression, shame,  
isolation, fear

Current medicines have limitations



Treatment of acute VVC episodes - side effects

## Vulvovaginal candidiasis (VVC)

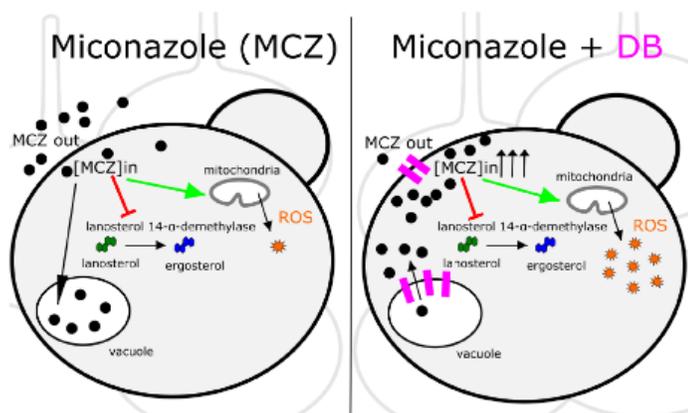
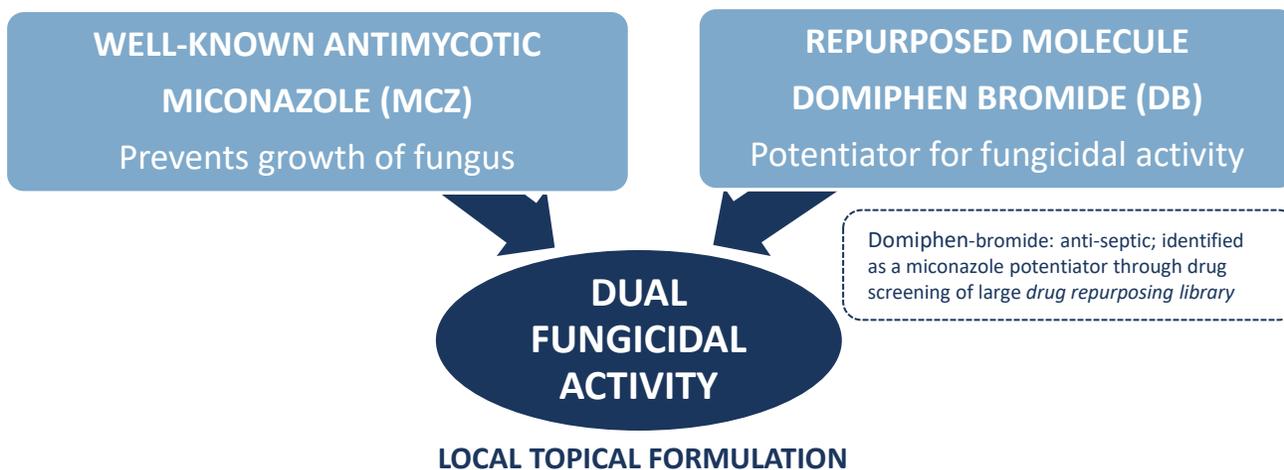
- Infection caused by *Candida* sp. yeast
- Causes irritation, vaginal discharge and intense itchiness
- **Affects 50% of all women** during their life
- ~175 million drug products sold/year

## Severe and recurring VVC

- **10% of all women globally**
- No effective treatments: drug-resistant biofilm
- \$14.4 Bn annual estimated economic burden

No innovation over the past few decades

# Miconazole-DB has Potential to Cure Severe and rVVC



**Unique mode-of-action**

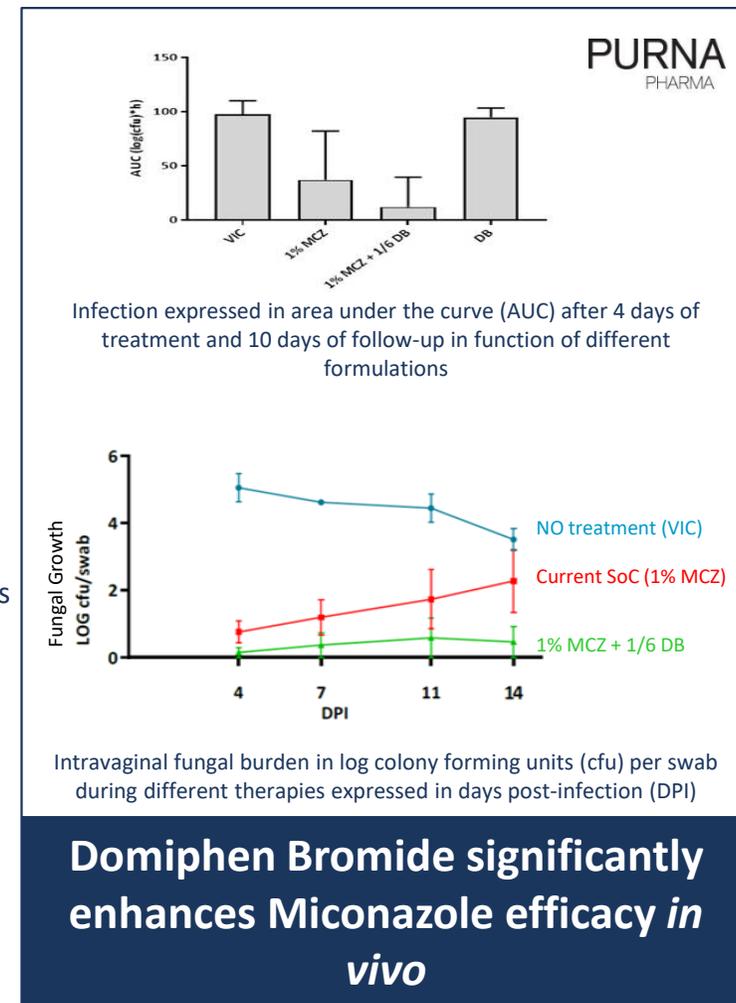
## Domiphen Bromide (DB):

- Enables increased MCZ uptake in *Candida* cells at low doses
- Alters cytoplasmatic distribution of high azole doses
- Negatively affects vacuole integrity, thereby releasing vacuole-sequestered MCZ

## Increased intracellular azole availability results in

- Increased ROS\* generation = apoptosis
- Fungicidal antibiofilm activity

\* ROS = reactive oxygen species



# Deal Structure and Next Steps

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## Purna Female Healthcare (PFH)

- Belgian based spin-off (Purna Pharmaceuticals and Creafund).
- Completed early-stage R&D activities with University of Antwerp and KU Leuven, including all pre-clinical work and responsible for further product development, clinical trials, manufacturing, regulatory affairs, IP.
- IP and know how in-licensed from University of Antwerp and KU Leuven.

## Hyloris

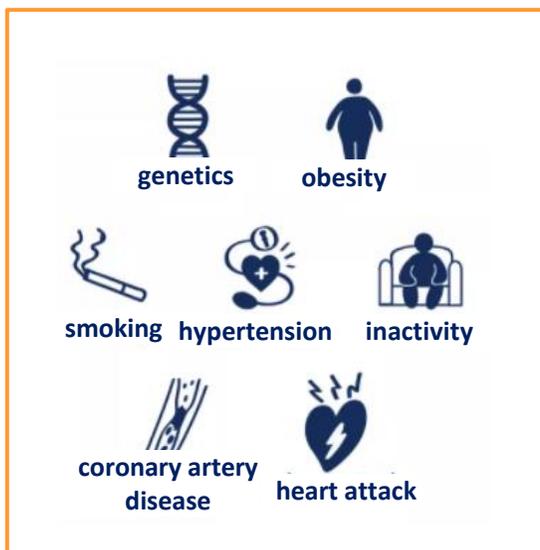
- Committed to milestone related investments of up to €4.27M, of which €1.27M at signing, and to support PFH.
- Owns 20% of PFH, eligible to receive up to a maximum of 45% of the net profits generated by PFH.
- Responsible for out-licensing and commercialization.

**Started Phase 2 clinical study in 2021**

## 2. Heart Failure: #1 Cause of Hospitalisation in people >65 years

Heart failure (HF) occurs when the heart is unable to pump enough blood through the body

### Causes and Risk Factors



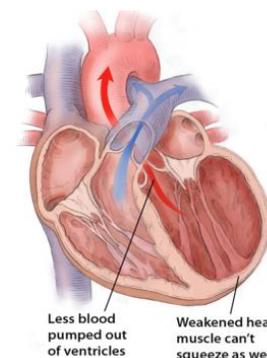
### Symptoms



### 2 Types

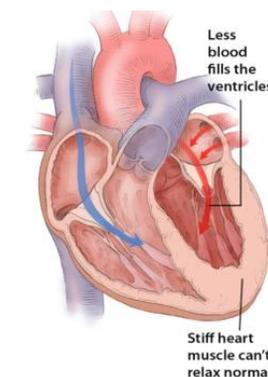
#### **HFrEF** (thin, weak heart muscle)

*Heart failure with reduced ejection fraction*



#### **HFpEF** (thick, stiff heart muscle)

*Heart failure with preserved ejection fraction*



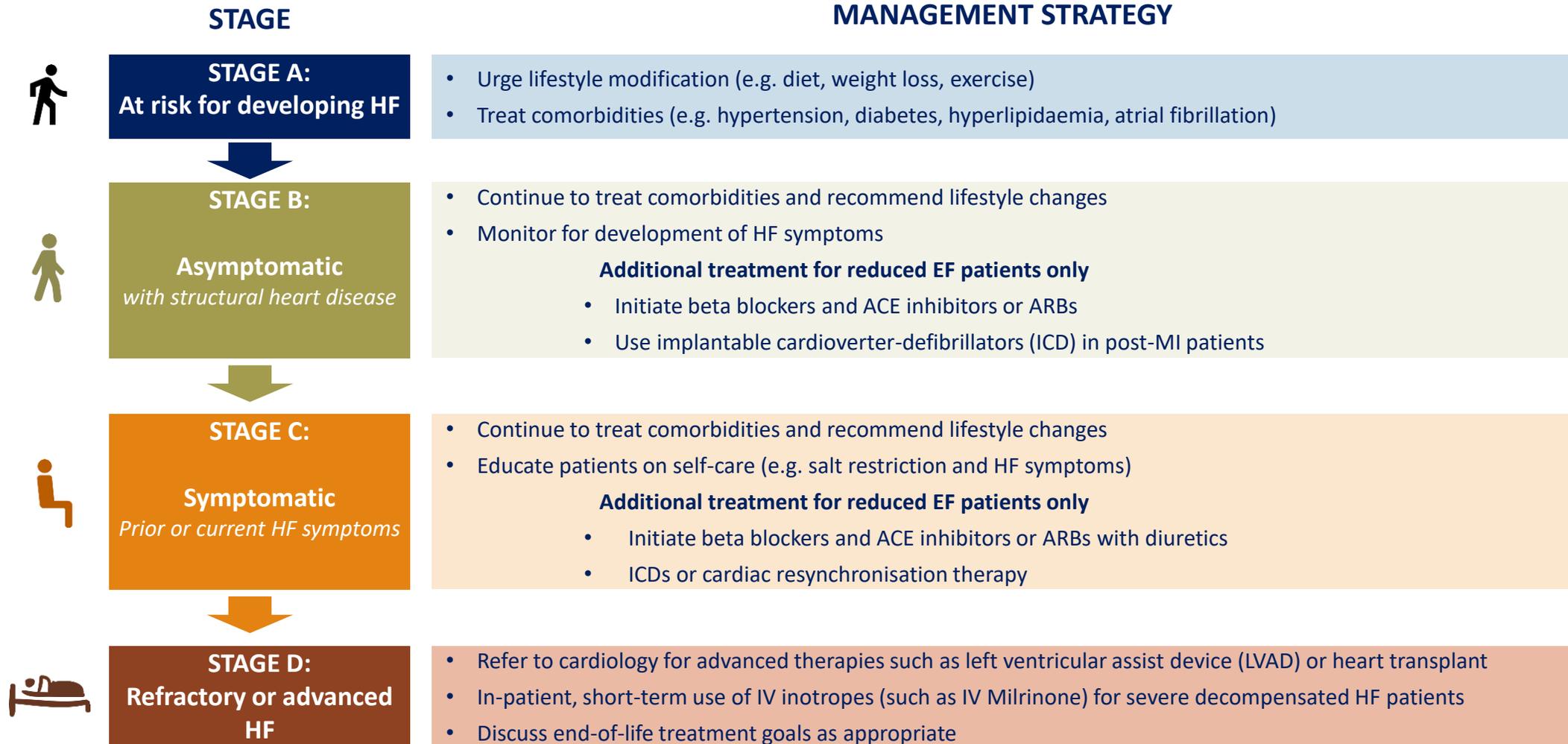
By 2030, the annual HF-related cost in the U.S. is expected to be \$70 Bn (\$210/inhabitant)



50% incurred in the hospital

# HF Classification and Disease Management

As the condition gets worse, the heart muscle pumps less blood to the organs, and the patient moves toward the next stage of heart failure



# IV Milrinone: Positive Inotrope = Increases Contractility

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## **CARDIOPULMONARY EFFECTS:**

- Increased contractility and heart rate.
- Increased stroke volume and ejection fraction.
- Increased cardiac output.
- Decreased peripheral and pulmonary vascular resistance.

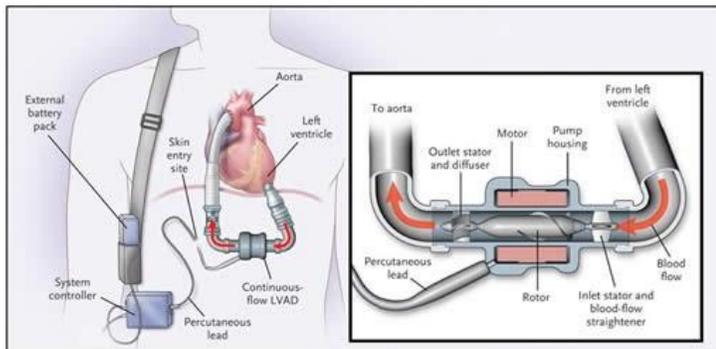
**Currently approved** for use as an intermittent or continuous infusion for treatment of up to 48 hours for acute decompensated heart failure.

**Longer term off-label** use exceeding 48 hours of treatment duration has been reported, requiring nursing support.

**Market:** >12 million vials and infusion bags sold in 2020, of which >2 million in the U.S. alone.

# Oral Milrinone: Our Potential Solution in LVAD RHF Patients

## Epidemiology



~20,000 patients with an LVAD; 6% average annual growth rate expected over next years<sup>1</sup>

**30% will develop**



**right HF (RHF)**

- Associated with very poor outcomes, including increased morbidity and mortality
- May require IV inotropic treatment

## IV Milrinone: shortcomings

- Cumbersome, limiting patients' QoL
- High readmission rates post discharge
- High cost of care
- Not approved for long term use



## Oral Milrinone Orphan Drug Status in U.S. in LVAD RHF

- Novel, orally administered extended-release capsule
- Positive results from earlier clinical studies: linear dose-response PK; well-tolerated and encouraging signs of effect in prolonged compassionate use phase\*

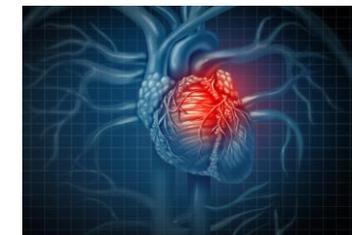
### This could potentially:

- Improve QoL
- Significantly reduce cost of care: lower readmission rates and faster discharge; administer at home by the patient for longer term use

**CRD-102 has the potential to address the shortcomings of IV Milrinone in end-stage HF**

# Oral Milrinone: Partnership with The Baker Institute

To develop and commercialise a novel, patient-friendly oral formulation of Milrinone to meaningfully improve the lives of patients with advanced HF and significantly reduce cost of care



## Scope

- HYL to acquire worldwide rights to CRD-102, a novel oral formulation of Milrinone in patients with advanced HF
- Potential to replace Milrinone IV and overcome current shortcomings to significantly improve the lives of patients with advanced HF and reduce cost of care

## Financial terms

- HYL to pay the Baker Institute:
- \$50K upfront signing fee
  - In markets where HYL will self-commercialise: i) tiered single digit net profit share; ii) sales-based milestone payments
  - In markets where HYL will seek commercial partnerships: tiered net profit share of net sub-license income

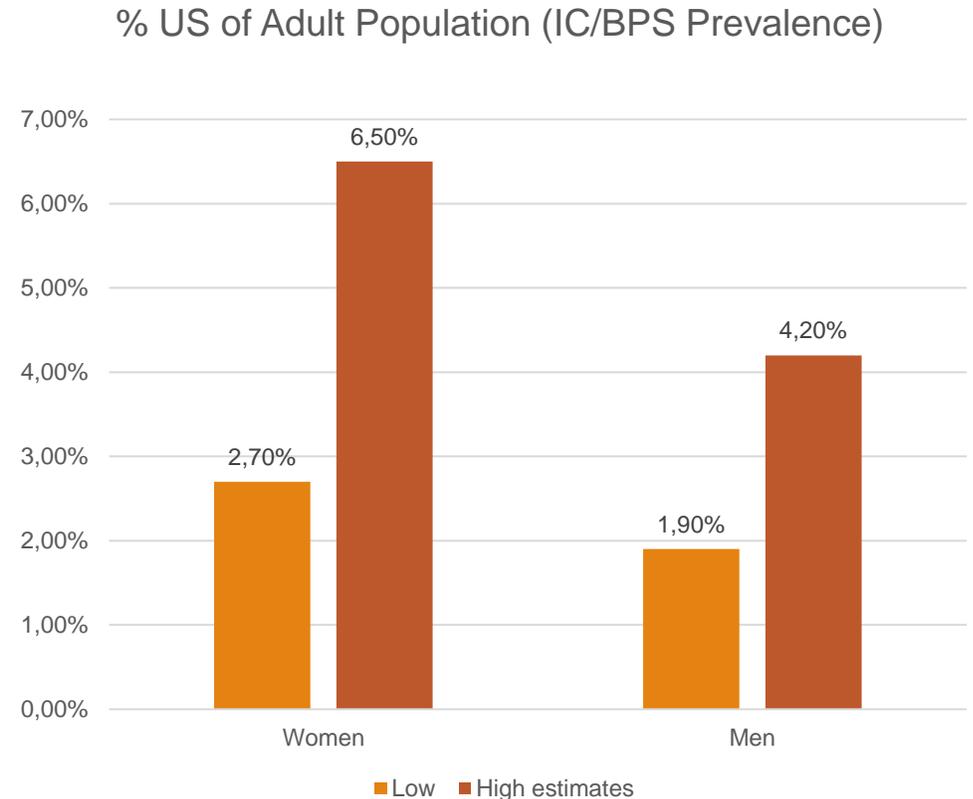
## Responsibilities

- HYL responsible for product development, manufacturing, regulatory affairs and commercialisation
- The Baker Institute to provide R&D support

**Start of clinical study expected in 2023**

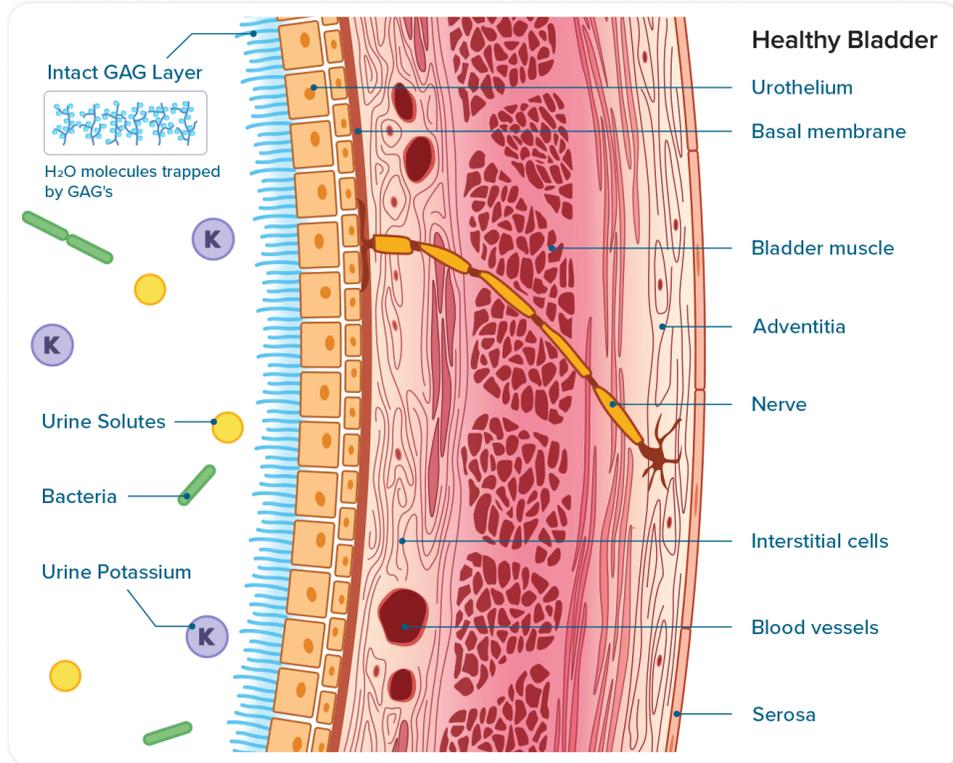
# 3. Alenura™ for treatment of acute pain in IC/BPS – Large market

- Interstitial Cystitis / Bladder Pain Syndrome (IC/BPS) is a condition that results in recurring discomfort or pain in the bladder and surrounding pelvic region.
- IC/BPS stems from an anatomical defect in the protective bladder lining (the GAG layer) which exposes nerve endings to toxic components in urine.
- Affects at least 6 million people in the U.S.
- IC/BPS is more predominant in women<sup>1</sup>, although men can experience symptoms as well.
- Existing market underdiagnosed, there are no products approved to treat acute pain in IC/BPS
- 3 million instillation procedures/year in the U.S.

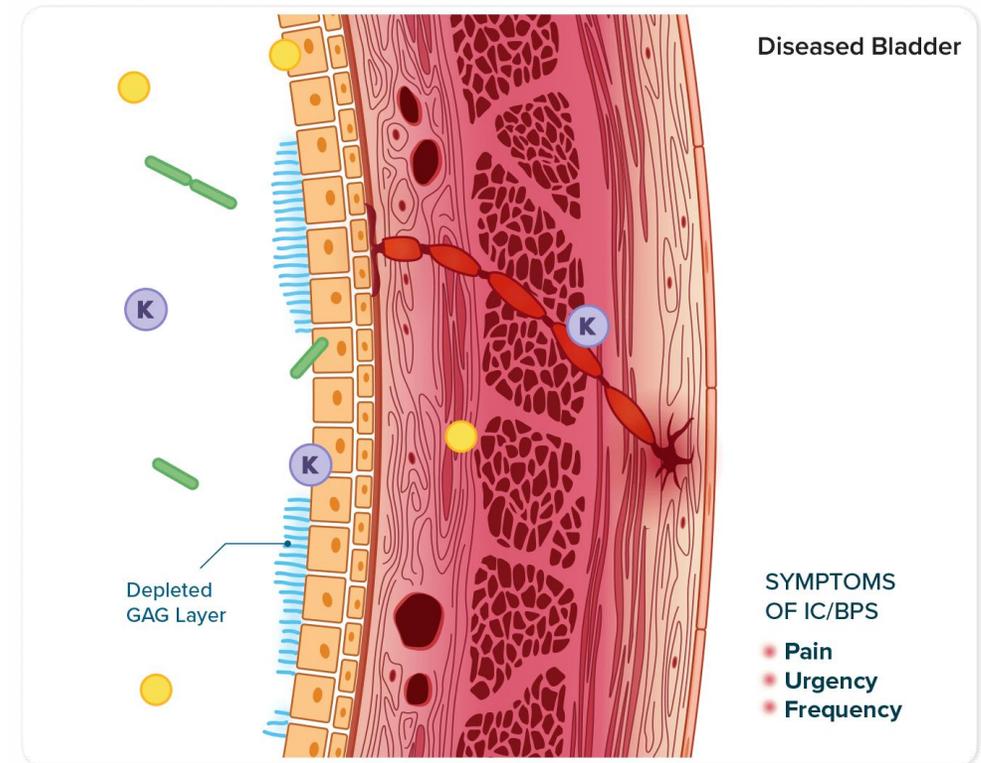


# Cause of damage, inflammation and pain

## Healthy bladder

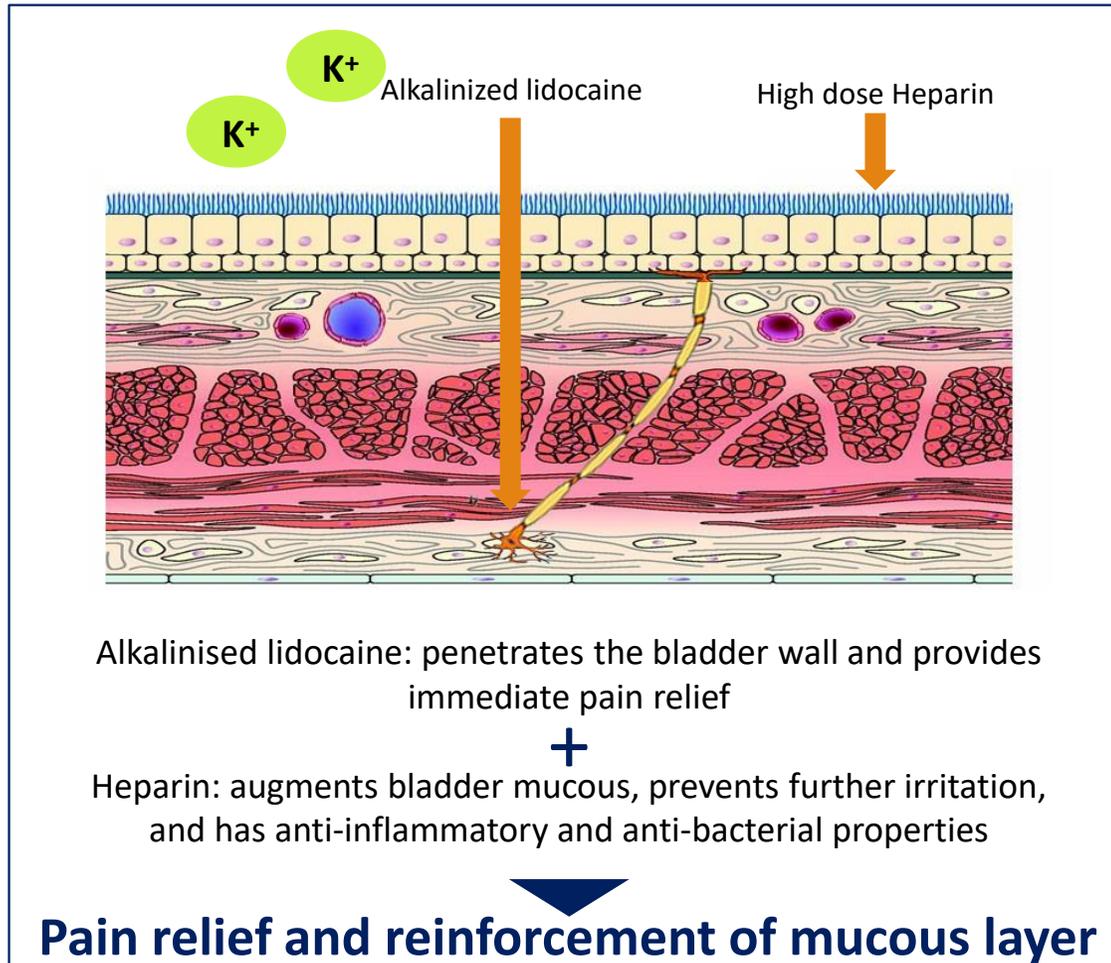


## Diseased bladder

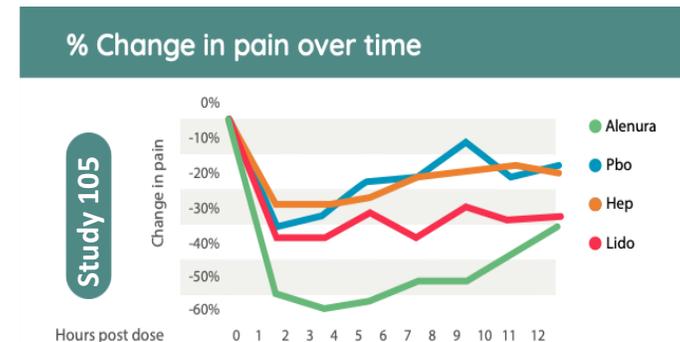
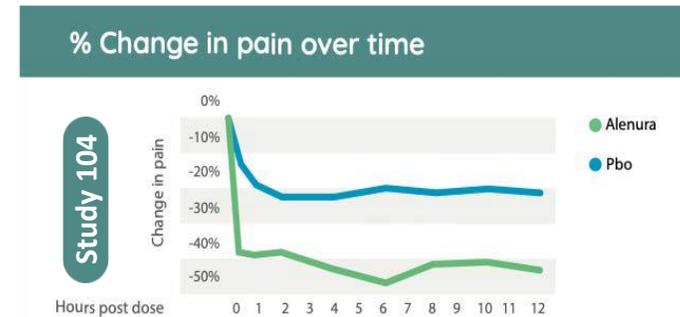


**Loss of the protective GAG layer exposes the urothelium to toxic components in urine, including potassium that can infiltrate underlying tissue causing damage, inflammation and pain**

# Novel, dual mode of actions candidate to IC/PBS



- Alenura 15mL prefilled syringe: unique combination of alkalised lidocaine + heparin to use as instillation product
- Proven efficacy in 2 controlled Phase 2 trials



In a phase 2 trial, Alenura™ consistently demonstrated significant superiority versus placebo. Pain relief with Alenura™ exceeds that of its individual components alone, and has excellent safety and tolerability

# Deal Structure and Next Steps

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- Vaneltix will be responsible for the further development, manufacturing, regulatory affairs and commercialisation of Alenura™ in collaboration with Hyloris.
  - Hyloris will provide staged investments up to USD 6.7 Mio for Phase 2, manufacturing and regulatory related activities and a loan of USD 0.5 Mio.
  - Objective to out-license the product after successful Phase 2.
  - Hyloris will be eligible to receive a tiered percentage of the product margin generated by Vaneltix.
- 
- Start of a larger Phase 2 clinical trial mid 2022 for which the results could be available by late 2023.
  - Due to expected efficacy, limited size Phase 3 studies required.

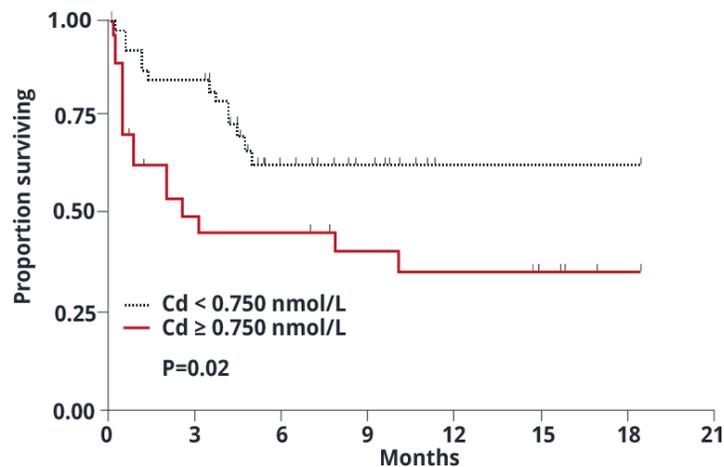
## 4. Plecoid™ Agents when chemotherapy is not enough

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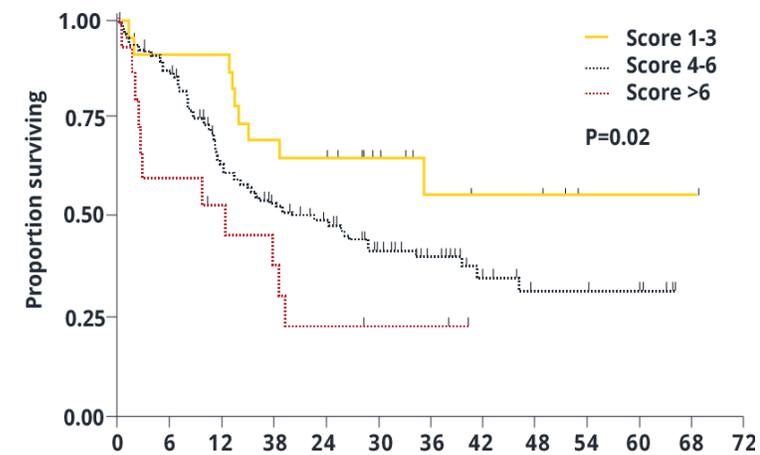
- Acute Myeloid Leukemia (AML) is a relatively rare disease with a worldwide incidence of about 160,000 cases<sup>1</sup>. For patients above 20 years old, the 5-year survival rate is around 26%<sup>2</sup>. In the US, there is an estimate of 20,050 new cases of AML in 2019 and 11,400 deaths.
- 13%-15%<sup>3</sup> of 2 million cases of lung cancer per year are diagnosed with SCLC globally with a 5-year survival rate around 5%.
- Any significant improvement in overall response rate and survival in the SCLC and AML population would constitute a real progress in clinical practice.

# Toxic Metals in Tumour Micro-Environment Impact Survival

- Significant elevations of toxic metals have been detected in the bone marrow and blood of patients with Acute Myeloid Leukemia (AML) .
- High levels of toxic metals are associated with inferior survival.



Overall survival in AML patients with **high** and **low** serum cadmium levels



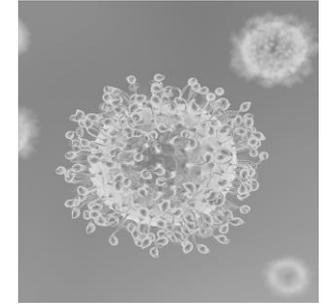
Overall survival in AML patients by groupings of metal scores

**Many metals are implicated in disease progression: survival significantly worse in patients with higher metal scores**

# Plecoïd™ Agents: Partnership with Pleco

## First-in-class product to boost chemotherapy:

- Based on breakthrough research
- Designed to detoxify the cancer-promoting micro-environment
- Strong IP protection
- Achieved clinical proof-of-concept in AML patients



### Scope

- HYL gains exclusive rights to a Plecoïd™ Agent in AML, with further development and commercialisation commitment subject to regulatory feedback
- HYL can opt-out after regulatory feedback
- Potential to expand to include Small Cell Lung Cancer (SCLC)

### Financial terms

- HYL to provide €1M upfront loan/equity investment in return for exclusive rights to a Plecoïd™ Agent in AML
- Subject to regulatory feedback, HYL to provide maximum €6.7M R&D funding up to regulatory submission in AML in the U.S.
- HYL eligible to receive up to 65% of net sales

### Responsibilities

- HYL responsible for CMC activities; co-responsible for licensing/commercial activities; co-responsible (and co-own) for IP
- Pleco responsible for product development and regulatory affairs; co-responsible for licensing/commercial activities; co-responsible (and co-own) for IP
- Joint steering and decision-making committee

# Financial Highlights: Year end 2021

(in € thousand)	FY 2021	FY 2020	% change
<b>Revenues</b>	<b>3,096</b>	<b>175</b>	<b>1669%</b>
<b>Operating expenses</b>	<b>(13,337)</b>	<b>(3,626)</b>	<b>149%</b>
R&D expenses	(5,056)	(3,413)	48%
G&A expenses	(2,900)	(3,662)	(20.8%)
Other (one-off expenses)	(5,381)	21	NA
<b>Net cash (burn)/inflow<sup>i</sup></b>	<b>(14,387)</b>	<b>64,194</b>	<b>NA</b>
<b>Cash and cash equivalents</b>	<b>50,012</b>	<b>64,399</b>	<b>(22.34%)</b>

- **Revenues:** growth mainly driven by Maxigesic IV and Sotalol IV
- **Operating expenses:**
  - R&D expenses according to plan
  - G&A 2020 impacted by IPO costs
  - One-off expense related to unwinding of agreements with the Alter Pharma Group

- **Cash burn:**

- HY21: impacted by one-off cash outflow related to unwinding of agreements with Alter Pharma Group
- HY20: positively impacted by financing activities (convertible bonds and IPO)

<sup>i</sup> For the period 1 January to 31 December

# Core Assets: Anticipated Value Inflection Milestones in 2022

## Clinical

- Starting and completing pivotal PK clinical trial for Aspirin IV
- Starting pivotal PK clinical trial for Dofetilide IV and HY-029
- Starting Phase 2 clinical trial for Alenura™
- Completing Phase 2 clinical trial for Miconazole-DB in H2 2022
- Starting Phase 3 clinical trial on HY-004

## Regulatory

- Maxigesic® IV: PDUFA date 30 June 2022
- Atomoxetine: implementing changes to taste masking technology – FDA scientific feedback

## Commercial

- Commercial partnership(s)
- Continue roll-out of Maxigesic® IV and Sotalol IV with our partners

**Ambition to expand the product portfolio to ~30 assets by 2024, of which min 4 new candidates in 2022**

# Unique Value Proposition

- Two commercial products with long runway for growth.
- Broad product candidate portfolio (6 cardiovascular and 7 other value added) supporting long-term growth.
- Strategic objective to expand to ~30 product (candidates) by 2024, primarily repurposed.
- Lean and smart operating model based on stringent 7-7 development criteria expected to provide strong return on investment.
- EUR 50 million cash to fund product portfolio development.



Q&A





Contact us:  
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