

Modulating the immune system to  
fight inflammatory and viral  
diseases, as well as cancer

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Abivax, a late-stage clinical biotech company

July 2021



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Future clinical development including phase 3 design and initiation is subject to assessment of the overall preclinical, CMC, toxicology, clinical efficacy and safety data of ABX464 by EMA, FDA and other regulatory authorities. These top-line results have not yet been reviewed by regulatory authorities.

# Abivax in a nutshell: A phase 3 biotech

## Milestones



Founded in 2013  
by Truffle Capital



IPO (ABVX) on  
Euronext Paris in  
June 2015,  
raising € 57.7m



Sept. 2018: Focus  
ABX464 on chronic  
inflammation

## Location



Head Office  
Paris

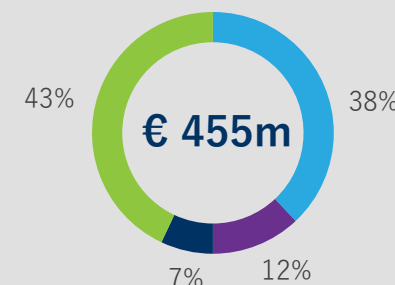
Cooperative  
Lab with CNRS  
Montpellier



## BREAKING NEWS

June 2021: Abivax reports excellent phase 2a clinical safety and efficacy results with 50mg ABX464 in rheumatoid arthritis

## Shareholder structure<sup>1</sup> and market cap<sup>2</sup>



- Truffle Capital
- Sofinnova
- Board & management
- Public

## Operations



28  
Employees



Cash<sup>3</sup>  
€ 29.3m

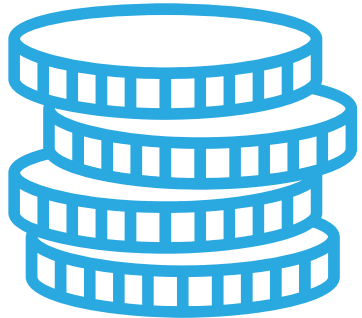
Cash runway until Q4 2021

## Key R&D and manufacturing partners



- 1) Undiluted – as of 31/01/2021
- 2) As of 19/07/2021 EOB
- 3) December 2020

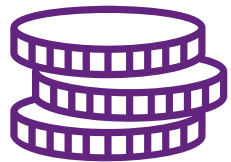
# ABX464: A promising candidate addressing large unmet medical needs



**Total market size\***  
in inflammatory  
diseases  
greater than  
**USD 90 B**

**Market size\***  
UC: **USD 6B**  
CD: **USD 11.9B**  
RA: **USD 20.4B**

**ABX464**  
addresses a  
market of  
**USD 40B**

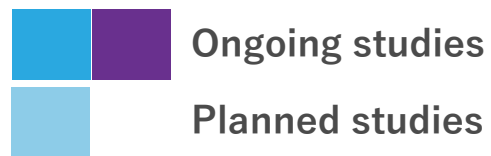
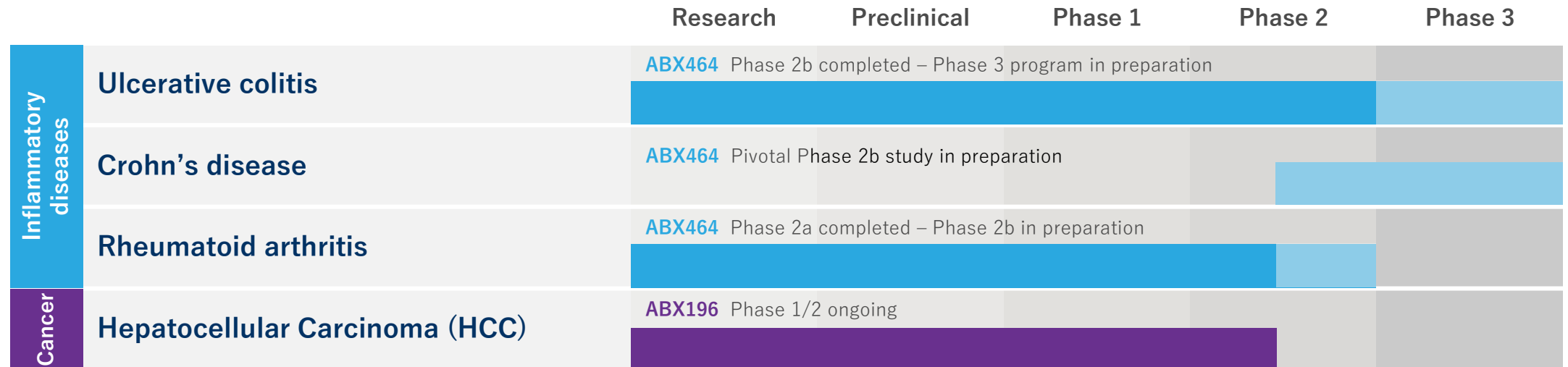


\* 2020 data for Europe G5,  
U.S. and Japan  
\*\* 2<sup>nd</sup> and 3<sup>rd</sup> line

Source: Global Data & Informa

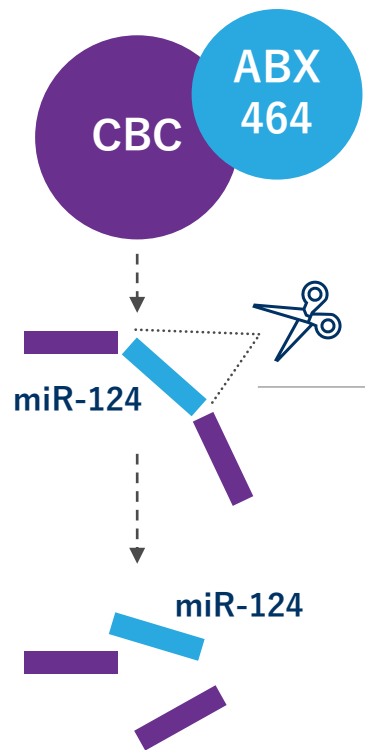
- Coming from the **proprietary Abivax library of compounds**, designed to **modulate RNA biogenesis** (>2,200 molecules); Collaboration with EVOTEC
- **Small molecule**, administered as an **oral capsule** (once a day) ABX464 tablet form under development
- **First-in-Class, novel mechanism of action:** Selective upregulation of anti-inflammatory microRNA, miR-124
- **Good safety profile** after administration to **>850 patients and volunteers**
- **Strong short- and long-term anti-inflammatory effect** confirmed in phase 2a and 2b studies in ulcerative colitis and in a **phase 2a induction study in RA**
- **Start of phase 3 in UC and phase 2b in Crohn's disease planned for end of 2021 and a phase 2b induction study in RA beginning of 2022**
- **High unmet medical need and commercial opportunities** for novel safe and efficacious drugs for inflammatory diseases

# Abivax: A late-stage biotech with a strong and diversified clinical pipeline addressing major medical needs and markets



# ABX464 novel mechanism of action: Potent and specific upregulation of miR-124, activating a “physiological brake” of inflammation

- First-in-class mechanism of action related to intracellular upregulation of miR-124.
- microRNAs work by down-regulating the translation of their respective target genes.



Established miR-124 targets: (translation ↓)

Outcome

MCP-1/  
CCL2

MCP-1/CCL2 ↓

STAT 3

IL-6  
IL-17 ↓  
TNF $\alpha$

IL-6R

IL-6  
TNF- $\alpha$  ↓

STAT 3

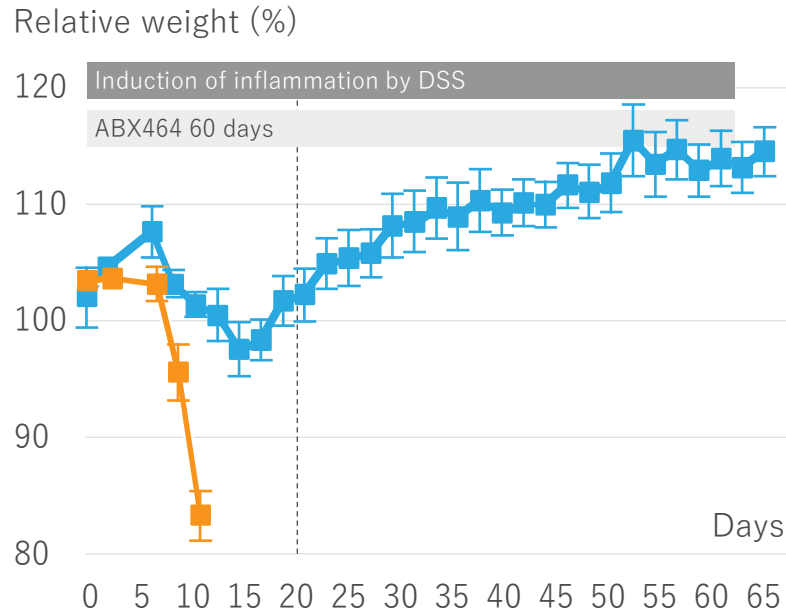
Th17 ↓

Tazi et al. *Drug Discov. Today* (2021); Poholek et al. *J Exp Med* (2020) 217 (10): e20191761; Lin S, et al. *Frontier in Onc* (2020)

# ABX464: Clinical Development in IBD

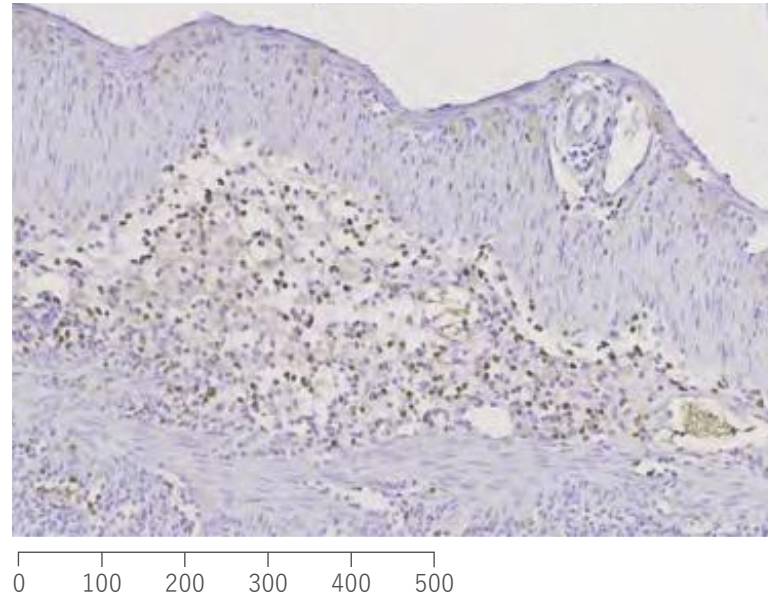
# Anti-inflammatory effect: ABX464 showed efficacy in the DSS mouse model\*

## ABX464 protects mice from death in the DSS mouse model

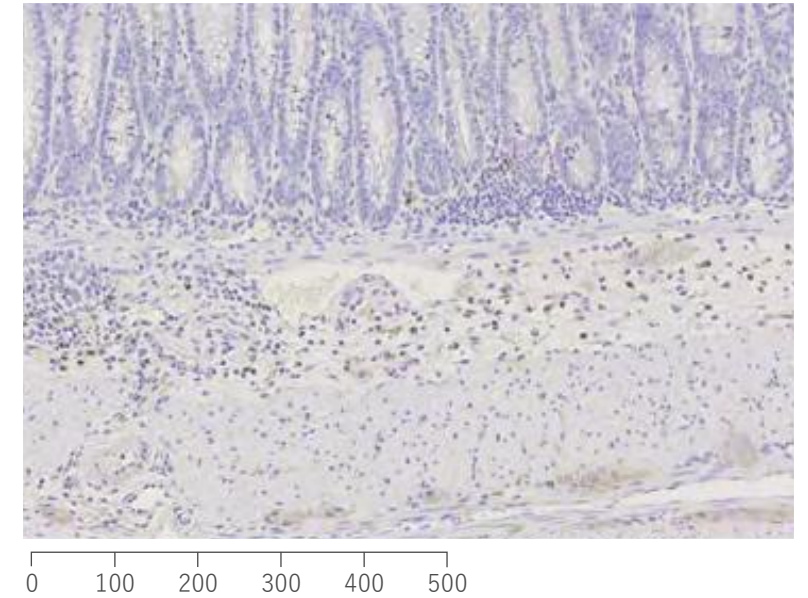


- No treatment (n=8)
- ABX464 60 days (n=8)

## DSS without ABX464 leads to intestinal damage



## ABX464 protects intestinal structure



→ **ABX464 reduced the expression of pro-inflammatory cytokines in colon tissue:**  
IL-6 (2x), TNF (7.5x) and MCP-1 (6x)

\* Chebli et al, Nature Scientific Reports 7: 4860 (2017)

# ABX464 phase 2a POC induction study in ulcerative colitis: Impressive efficacy achieved for all endpoints (induction and maintenance)

## Study Design:

PI: Prof. Severine Vermeire, Leuven, BE

32 patients with moderate to severe UC: randomized (2:1) 50mg ABX464 vs placebo, double blind, placebo controlled study

Active and placebo groups well balanced re demographics

8-weeks treatment

Moderate to severe UC patients who failed/were intolerant to immunomodulation/steroids (50%) and/or biologics (50%)

Central blinded reading of endoscopies (induction, 2<sup>nd</sup> and 3<sup>rd</sup> year maintenance)

Followed by open-label maintenance study (now in 4<sup>th</sup> year)

Vermeire et al. Induction and long-term follow-up with ABX464 for moderate-to-severe ulcerative colitis: Results of phase 2a trial. <a href="#">Gastroenterology, 2021.02.054</a>	ABX464 (n=20/23) PP/ITT**	Placebo (n=9/9) PP/ITT	p value*** (PP)
Clinical remission*	35%/30%	11%/11%	0.16
Endoscopic improvement	50%/43%	11%/11%	0.03
Clinical response	70%/61%	33%/33%	0.06
miR-124 expression in rectal biopsies (fold increase)	7.69	1.46	0.004

29/32	4/6	22/23	16/19
Patients completed the induction study	Countries granted regulatory approval for maintenance study	Eligible patients enrolled in the maintenance study, 19 out of 22 patients completed first year	16 out of 19 patients completed the second year of treatment

	Day 0 Maintenance	Month 12	Month 24
Clinical remission (TMS including endoscopy)	6/19 (31.6%)	12/16* (75.0%)	11/16 (68.8%)
Clinical response	14/19 (73.7%)	15/16* (93.8%)	15/16 (93.8%)

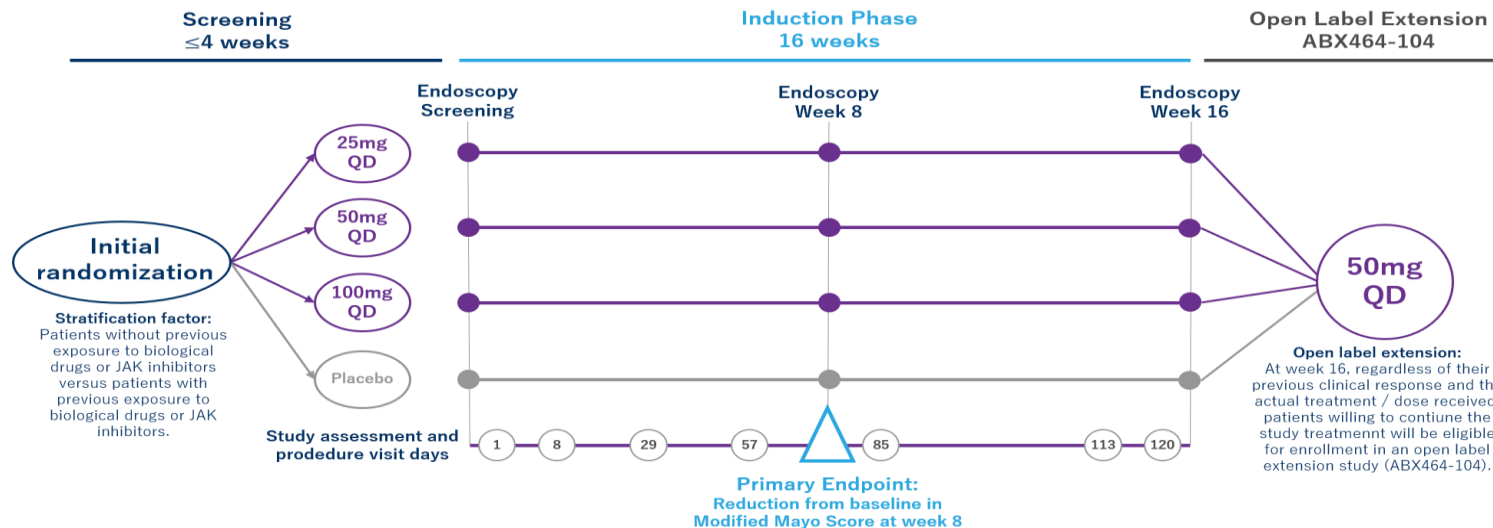
\* 16 out of 19 patients had endoscopy

# ABX464 phase 2b clinical study in ulcerative colitis

## Ulcerative colitis phase 2b:

- 254 patients in 15 European countries, US and Canada in 130 study sites
- 4 study arms (placebo, 25, 50, 100mg QD) / Central blinded reading of endoscopies

### Study design: ABX464 phase 2b clinical study in ulcerative colitis



# Baseline characteristics well-balanced among the treatment groups, indicating a moderate to severe UC population, very similar with recent published data

	Statistic	100mg	50mg	25 mg	Placebo
		(N=64)	(N=63)	(N=61)	(N=64)
Age (years)	Mean (SD)	42.2 (12.34)	40.2 (13.94)	41.5 (14.16)	41.1 (14.43)
Male	n (%)	41 ( 64.1)	27 ( 42.9)	40 ( 65.6)	40 ( 62.5)
Baseline Modified Mayo Score (MMS)	Mean (SD)	7,0 (1,07)	7,1 (0,96)	7,1 (1,09)	7,0 (1,20)
4	n (%)	0	0	0	1 ( 1.6)
5 to 6	n (%)	17 ( 26.6)	16 ( 25.4)	17 ( 27.9)	21 ( 32.8)
7 to 9	n (%)	47 ( 73.4)	47 ( 74.6)	44 ( 72.1)	42 ( 65.6)
Previous exposure to biological/JAK inhibitors*	n (%)	32 ( 50.0)	30 ( 47.6)	30 ( 49.2)	31 ( 48.4)
Previous exposure to:					
TNF-a	n (%)	31 ( 48.4)	25 ( 39.7)	25 ( 41.0)	27 ( 42.2)
TNF-a only	n (%)	1 ( 1.6)	0	3 ( 4.9)	1 ( 1.6)
Vedolizumab	n (%)	20 ( 31.3)	20 ( 31.7)	19 ( 31.1)	22 ( 34.4)
Vedolizumab only	n (%)	0	1 ( 1.6)	0	1 ( 1.6)
JAK	n (%)	13 ( 20.3)	12 ( 19.0)	10 ( 16.4)	12 ( 18.8)
JAK only	n (%)	0	0	0	1 ( 1.6)
Concomitant UC Medication					
Corticosteroids [b]	n (%)	37 ( 57.8)	33 ( 52.4)	32 ( 52.5)	29 ( 45.3)
5ASA [b]	n (%)	47 ( 73.4)	48 ( 76.2)	46 ( 75.4)	52 ( 81.3)
Immunosuppressants [b]	n (%)	6 ( 9.4)	9 ( 14.3)	10 ( 16.4)	10 ( 15.6)
Body Mass Index at baseline	Mean (SD)	25.09 (3.864)	24.70 (5.100)	25.15 (5.464)	24.46 (4.788)
Tobacco use occurrence (current)	n (%)	3 ( 4.7)	2 ( 3.2)	3 ( 4.9)	4 ( 6.3)
Duration of disease since diagnosis (years)	Mean (SD)	7.77 (7.291)	8.22 (7.785)	7.35 (6.848)	8.82 (6.783)
Disease Extent					
Proctitis	n (%)	0	8 ( 12.7)	7 ( 11.5)	6 ( 9.4)
Left-sided	n (%)	35 ( 54.7)	33 ( 52.4)	30 ( 49.2)	26 ( 40.6)
Extensive	n (%)	29 ( 45.3)	22 ( 34.9)	24 ( 39.3)	32 ( 50.0)

# Top-Line week 8 Efficacy Results (ITT): Primary Endpoint met - Efficacy confirmed

Week 8 top-line Results (ITT <sup>1</sup> population / n=252)		Placebo	25mg	50mg	100mg
<b>Primary Endpoint</b>					
Modified Mayo Score Mean change from baseline	<b>All patients</b>	<b>-1.9</b>	<b>-3.1 **</b>	<b>-3.2 **</b>	<b>-2.9 *</b>
	<b>Bio exposed</b>	<b>-1.0</b>	<b>-2.8 **</b>	<b>-2.9 **</b>	<b>-2.8 **</b>

\*p-values of <0.01 versus placebo (ANCOVA)

\*\*p-values of <0.001 versus placebo (ANCOVA)

1) Intent-to-treat patient population. Drop-out patients were considered as failure for all endpoints. Nearest neighbor imputation, as defined in the SAP. Patient characteristics well balanced between all groups (Modified Mayo Score, ConMeds, Gender, etc.).

# Top-Line week 8 Efficacy Results (ITT): Secondary endpoints - Efficacy confirmed

Week 8 top-line Results (ITT population / n=252)		Placebo	25mg	50mg	100mg
<b>Key Secondary Endpoints (not powered for statistical significance)</b>					
Endoscopic Improvement <sup>a †</sup>	All patients	8 (13.6%)	20 (34.5%) *	21 (39.6%) *	24 (44.4%) *
	Bio exposed	1 (3.7%)	8 (28.6%) *	7 (30.4%) *	8 (26.6%) *
<b>*p-values of &lt;0.05 versus placebo using a likelihood ratio chi-square test</b>					
Clinical Remission <sup>b †</sup>	All patients	8 (12.5%)	17 (27.9%) *	11 (17.5%)	16 (25.0%)
	Bio exposed	1 (3.2%)	6 (20.0%) *	2 (6.7%)	6 (18.8%) *
<b>*p-values of &lt;0.05 versus placebo using a likelihood ratio chi-square test but not according to the predefined Mantel-Haenszel Chi Square test (p=0.06 to 0.08)</b>					
Clinical Response <sup>c †</sup>	All patients	23 (35.9%)	40 (65.6%) *	38 (60.3%) *	35 (54.7%) *
	Bio exposed	5 (16.1%)	17 (56.6%) *	13 (43.3%) *	15 (46.8%) *
<b>*p-values of &lt;0.05 versus placebo using a likelihood ratio chi-square test</b>					
Fecal Calprotectin (µg/g) Mean change from baseline	All patients	-1027.7	-2192.8 **	-2316.8 **	-2280.9 **

**\*\*p-values of <0.01 versus placebo (MMRM)**

a Endoscopic improvement is defined as endoscopic subscore ≤1.

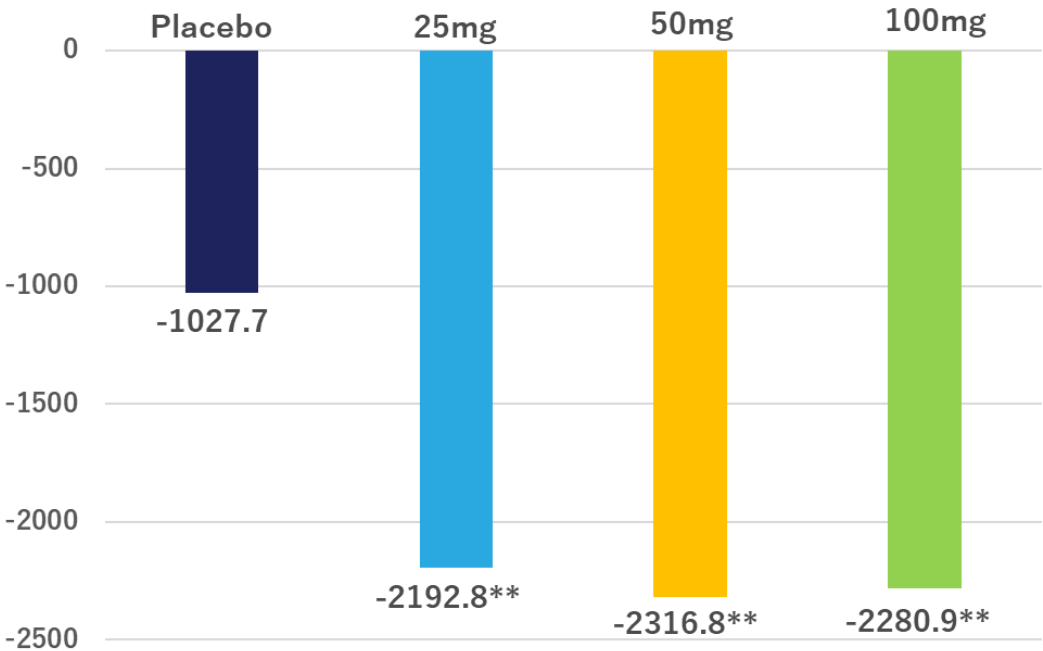
b Clinical remission (per Modified Mayo Score) is defined as stool frequency subscore (SFS) ≤1, rectal bleeding subscore (RBS) of 0 and endoscopic subscore ≤1.

c Clinical response (per Adapted Mayo Score) is defined as a decrease from baseline in the Modified Mayo Score ≥2 points and ≥30 percent from baseline, plus a decrease in RBS ≥1 or an absolute RBS ≤1.

† Evidence of friability during endoscopy confers an endoscopic subscore of 2 or 3

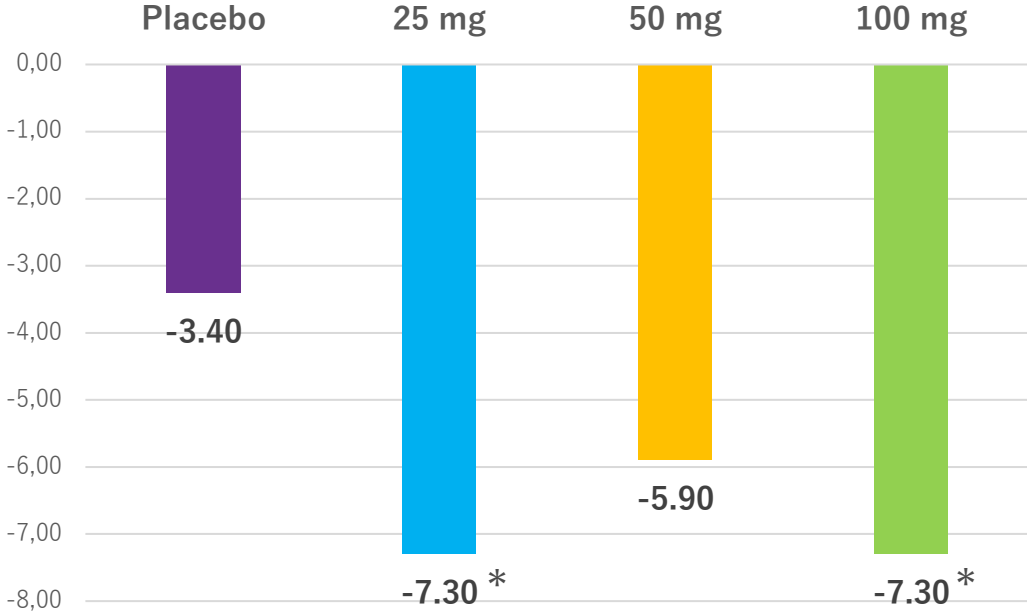
# Top-Line week 8 Efficacy Results (ITT): Fecal calprotectin ( $\mu\text{g/g}$ ) and Robarts Histopathology Index

### Change from Baseline in FC



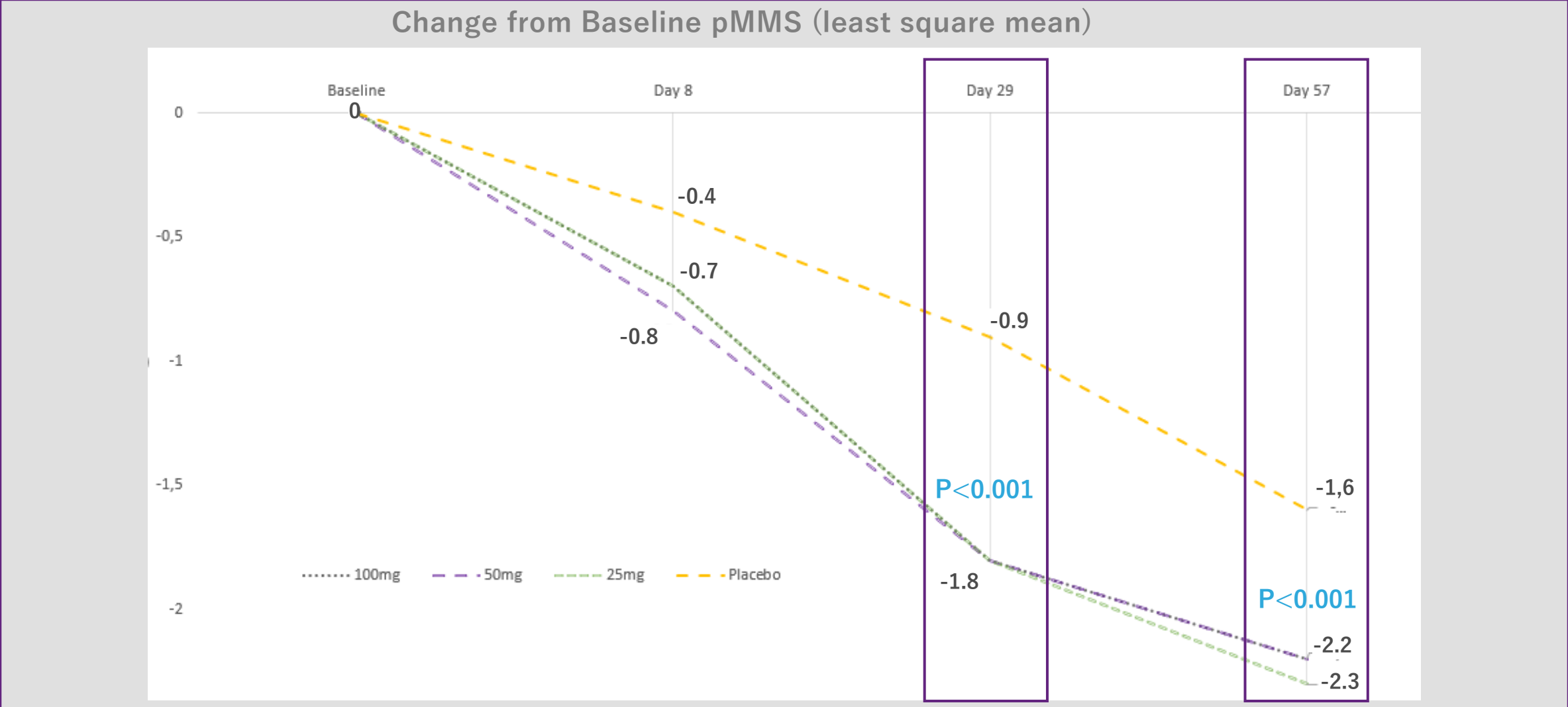
\*\*p-values of <0.01 versus placebo (MMRM)

### Change from baseline in RHI



\*p-values of <0.05 versus placebo (MMRM)

# Top-Line Efficacy Results (ITT): Fast onset of action



# Favorable safety results

- ✓ No new safety signal
- ✓ Low overall drop-out rate (8.7%) at week 8 despite Covid-19
- ✓ Serious adverse events (SAEs) (related and non-related)
  - 6.2% (placebo), 1.6% (25mg), 6.3% (50mg), 6.2% (100mg)
- ✓ Severe (grade 3 or 4) treatment emergent adverse events (TEAEs) (related and non-related) :
  - 4.7% (placebo), 4.8% (25mg), 7.9% (50mg), 10.9% (100mg)
- ✓ No death and no malignancy
- ✓ Similar low infection rates between ABX464 (8.4% all doses) and placebo (9.4%)
- ✓ Labs:
  - No clinically significant changes in laboratory parameters (Liver function tests, Hb, lymphocytes, neutrophils, etc.)

# Favorable ABX464 safety profile

*Most common (> 5%) Adverse Events (AE): Drug-related or non-drug-related*

System Organ Class	Adverse effect	Placebo (N=64)		ABX464 25mg (N=63)		ABX464 50mg (N=63)		ABX464 100mg (N=64)	
		Number of reports	n (%) of pts with AE (Incidence)	Number of reports	n (%) of pts with AE (Incidence)	Number of reports	n (%) of pts with AE (Incidence)	Number of reports	n (%) of pts with AE (Incidence)
Nervous System Disorders	Headache	5	5 (7.8)	14	13 (20.6)	21	19 (30.2)	29	27 (42.2)
Gastrointestinal Disorders	Nausea	4	4 (6.3)	5	5 (7.9)	5	4 (6.3)	9	9 (14.1)
	Vomiting	1	1 (1.6)	1	1 (1.6)	2	2 (3.2)	5	5 (7.8)
	Upper abdominal pain	0	0 (0)	4	3 (4.8)	4	3 (4.8)	4	4 (6.3)
Musculo-skeletal Disorders	Arthralgia	3	3 (4.7)	1	1 (1.6)	1	1 (1.6)	6	5 (7.8)
	Myalgia	0	0 (0)	0	0 (0)	0	0 (0)	6	5 (7.8)

Most frequently reported adverse events are transient (few days) and mild (headache, nausea, gastrointestinal pain) and manageable with or without OTC medications

25mg clearly stands out with a similar safety profile observed in the placebo group (except transient headaches)

Phase 2b safety confirms profile observe in the phase 2a study

# Preliminary data from the maintenance study (ABX464-104): Further increased and durable efficacy at one year (Cut-off date: May 11, 2021)

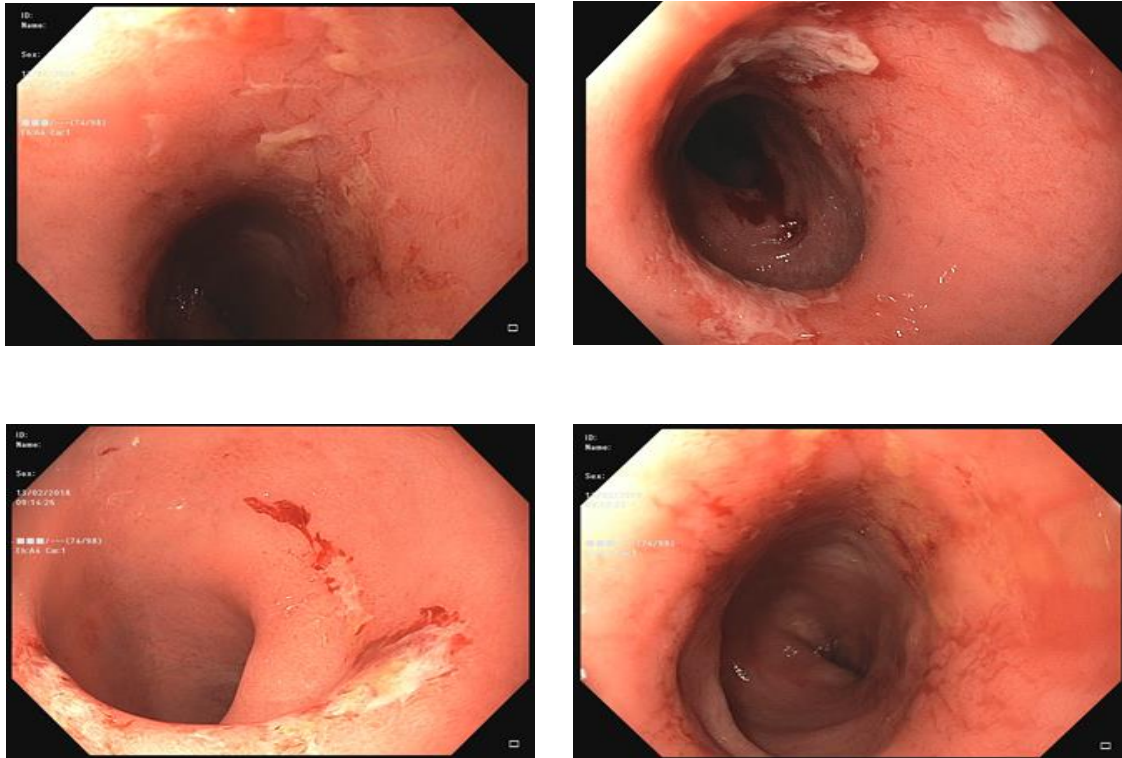
Preliminary data from the first 51 patients\* enrolled and treated with once-daily 50mg ABX464 in the open-label maintenance study showed increased and durable clinical remission and endoscopic improvement after 48 weeks

Patients at W48:	All patients n=51 (ITT/PP)	Patients with at least a clinical response after induction n=28 (ITT/PP)	Patients without at least a clinical response after induction n=23 (ITT/PP)
Clinical Remission	53% / 60%	64% / 69%	39% / 47%
Endoscopic Improvement	59% / 67%	71% / 77%	43% / 53%

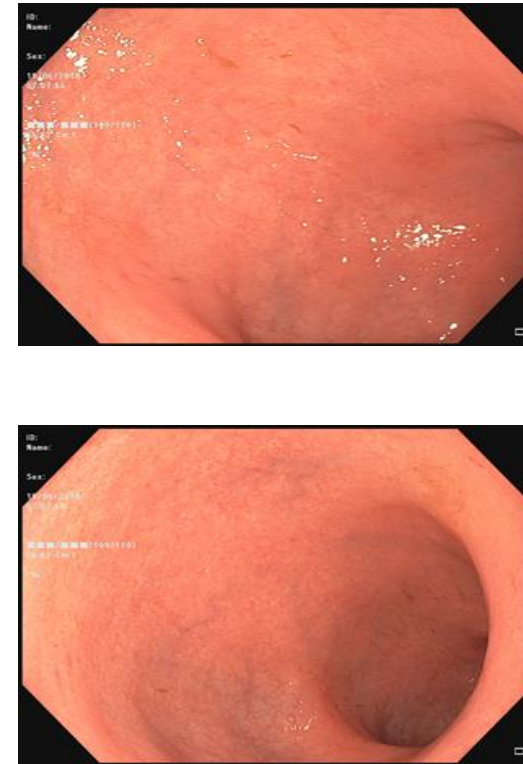
\*Irrespective of patient outcome at the end of the induction phase

# Complete resolution of UC lesions in an ABX464 treated (vedolizumab, infliximab and adalimumab resistant) patient

Endoscopy before ABX464



Endoscopy after ABX464



Courtesy of Prof. Severine Vermeire, Leuven, Belgium

## Following Phase 2b results, ABX464 is moving to phase 3 by end of year

Primary endpoint (statistically significant reduction of Modified Mayo Score ) was met with once-daily ABX464 (25mg, 50mg, 100mg) at week 8 in these 254 patients randomized, double-blind and placebo-controlled clinical trial ( $p < 0.01$ , intent-to-treat population [ITT])

Key secondary endpoints, including endoscopic improvement, clinical remission, clinical response and the reduction of fecal calprotectin showed significant difference in patients dosed with ABX464 compared to placebo

ABX464 also showed rapid efficacy in all patients, including those who were previously exposed to biologics and/or JAK inhibitors treatment

ABX464 was safe and well tolerated

Preliminary data from 51 patients treated with 50mg ABX464 in the open-label maintenance study showed further increased and durable clinical remission and endoscopic improvement after 48 weeks

# ABX464: Clinical Development in rheumatoid arthritis

## Phase 2a clinical study in RA – Topline results summary

Primary endpoint met with ABX464 demonstrating good safety and tolerability profile with 50mg once daily oral administration

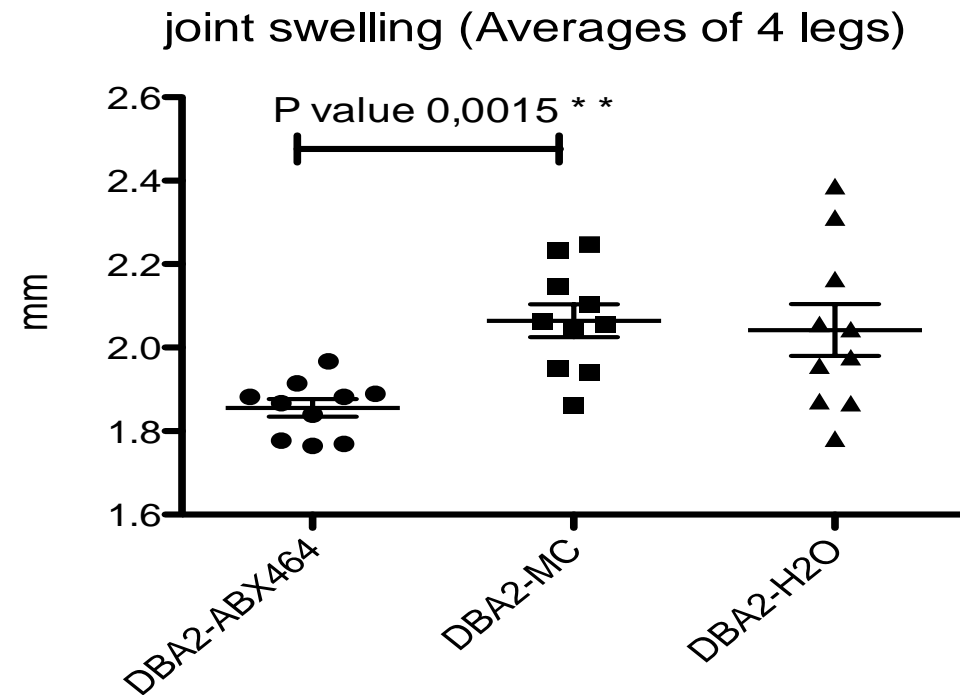
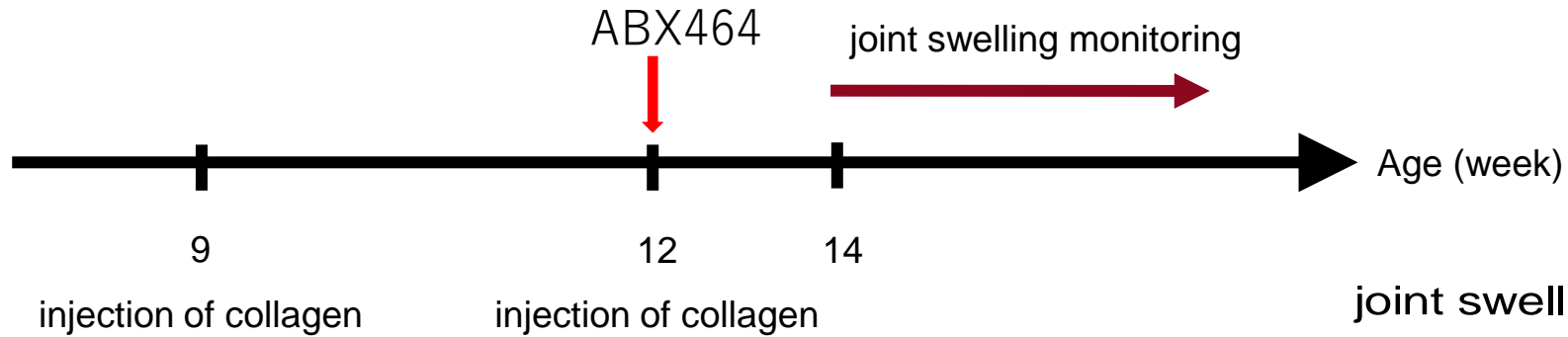
A statistically significant difference ( $p < 0.03$ ) was met on key efficacy endpoint ACR20 in the PP population with 60% of ABX464 patients dosed with 50mg reaching that endpoint versus 22% in the placebo group

Other key efficacy endpoints (ACR50, ACR70, DAS28-CRP, CDAI) as well as biological markers (CRP, miR-124, IL-6) showed favorable differences with 50mg ABX464 over placebo

Abivax is preparing to start a clinical phase 2b program in rheumatoid arthritis in early 2022 with doses of 50mg, 25mg and 12.5mg once daily (as in ulcerative colitis phase 3)

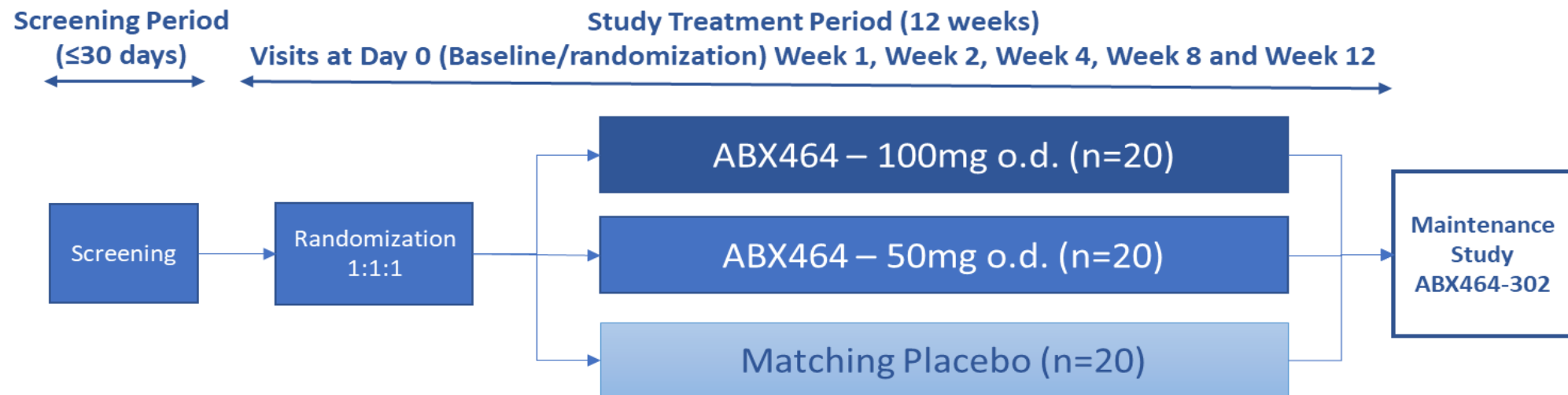
Given the demonstrated safety and efficacy of ABX464 in rheumatoid arthritis and ulcerative colitis, Abivax is exploring additional programs in chronic inflammatory indications

# ABX464 prevents joint swelling in the Collagen Induced Arthritis model



# ABX464 study design for phase 2a in RA following positive results in Collagen Induced Arthritis model

## Phase 2a Randomized, double-blind, placebo controlled



### Primary objective

Evaluate the safety profile of ABX464 given at two different doses (100mg and 50mg) vs placebo **in combination with methotrexate (MTX)** in patients with moderate to severe active rheumatoid arthritis with inadequate response to MTX and/or TNF $\alpha$  inhibitors.

## Phase 2a clinical study in RA – Topline results (ACR)

Strong efficacy signal observed with 50mg o.d.

- Patients characteristics well-balanced among the treatment arms
- 70% (n=42) had inadequate response to methotrexate
- 30% (n=18) had inadequate response/intolerance to TNF  $\alpha$  inhibitors
- Statistically significant difference on ACR20 at 50mg compared to placebo (PP)

	Placebo		50mg		100mg	
	PP # (n=18)	ITT (n=20)	PP # (n=15)	ITT (n=21)	PP # (n=7)	ITT (n=19)
<b>Early discontinuations</b>	1		3		12	
<b>Mean DAS28-CRP at Baseline</b>	5.3		5.5		5.5	
<b>ACR20</b>	4 (22%)	4 (20%)	9 (60%)*	9 (43%)	3 (43%)	3 (16%)
<b>ACR50</b>	1 (6%)	1 (5%)	5 (34%)	5 (24%)	2 (29%)	2 (11%)
<b>ACR70</b>	1 (6%)	1 (5%)	4 (27%)	4 (19%)	1 (14%)	1 (5%)

# Per Protocol set for ACR endpoint

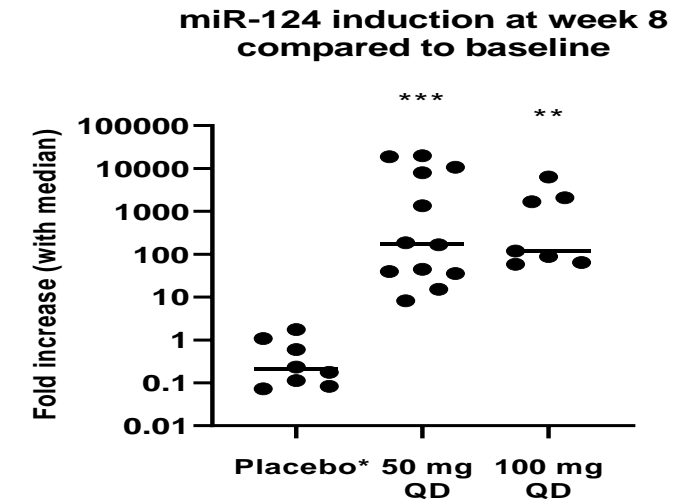
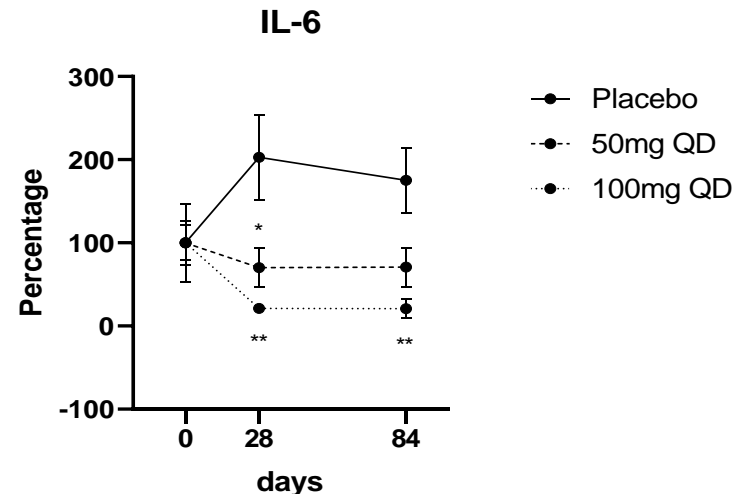
\* P<0.03. Statistical test has only been conducted for ACR20 (Topline)

# Phase 2a clinical study in RA – Topline results

## Other efficacy endpoints and biomarkers

	Placebo		50 mg		100 mg	
	PP (n=19)	ITT (n=20)	PP (n=16)	ITT (n=21)	PP (n=7)	ITT (n=19)
<b>DAS28-CRP change from baseline</b>	-0.63	-0.63	-1.78	-1.74	-1.95	-1.95
<b>Low Disease Activity (DAS28-CRP ≤ 3.2)</b>	2 (11%)	2 (10%)	4 (25%)	4 (19%)	3 (43%)	3 (16%)
<b>CDAI ≤ 10</b>	2 (11%)	2 (10%)	5 (31%)	5 (24%)	3 (43%)	3 (16%)

- ACR results confirmed by DAS28-CRP and CDAI
- Decreased levels of IL-6 observed in 50mg and 100mg ABX464 groups
- Statistically significant upregulation of miR-124 in 50mg and 100mg active groups compared to placebo (blood)



\* 5 patients cannot be represented as they had no detectable miR-124 levels at baseline and week 8

# Phase 2a clinical study in RA – Topline safety results summary

No new safety signal reported with ABX464 + MTX

- **Serious Adverse Events: 1 (5%) placebo, 0 (0%) 50mg, 1 (5%) with 100mg**

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- **No new safety signal reported. An increased incidence of AE was reported in the 100mg treatment group (mainly GI), leading to early study treatment interruptions in that dose group that is no longer considered as top dose following the phase 2b results in Ulcerative Colitis.**

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- **The increased incidence of AEs in the 100mg group might be due to the combination with MTX and overlapping GI side effects**

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# ABX464 favourable safety profile

Most frequent adverse events reported in the phase 2a clinical study in RA

System Organ Class	Adverse effect	Placebo (N=20)		ABX464 50mg (N=21)		ABX464 100mg (N=19)	
		Number of reports	n (%) of pts with AE (Incidence)	Number of reports	n (%) of pts with AE (Incidence)	Number of reports	n (%) of pts with AE (Incidence)
<b>Infections and infestations</b>	All	4	4 (20%)	4	3 (14.3%)	6	5 (26.3%)
<b>Gastrointestinal Disorders</b>	All	6	4 (20%)	24	11 (52.4%)	44	16 (84.2%)
	Abdominal pain	0	0 (0%)	3	2 (9.5%)	1	1 (5.3%)
	Upper abdominal pain	1	1 (5%)	6	5 (23.8%)	10	4 (21.1%)
	Diarrhoea	2	2 (10%)	7	4 (19%)	11	7 (36.8%)
	Dyspepsia	0	0 (0%)	1	1 (4.8%)	3	3 (15.8)
	Nausea	1	1 (5%)	4	3 (14.3%)	12	9 (47.4)
	Vomiting	1	1 (5%)	2	2 (9.5%)	4	3 (15.8%)
<b>Nervous System Disorders</b>	All	10	5 (25%)	23	8 (38.1%)	19	10 (52.6%)
	Headache	6	4 (20%)	19	8 (38.1%)	16	10 (52.6%)

No opportunistic infection and infection, infestation rate similar between placebo and ABX464 all doses (20%)

Dose response for GIs driven by: Abdominal pain upper, diarrhea, dyspepsia, nausea and vomiting

Dose-response for Nervous system disorders driven by headaches (rates similar to a bit higher than in UC)

## Next steps for the clinical development of ABX464 in RA

Complete the evaluation of the clinical phase 2a induction study in Q3 2021

Obtain one year phase 2a maintenance data in Q1 2022

Initiate clinical phase 2b studies in patients with inadequate response to conventional DMARDs as well as biological DMARDs in Q1 2022

# How to bring ABX464 to the finish line in chronic inflammation

## Phase 1 TQT study:

- 120/120 subjects: enrollment completed
- Results expected in Q3 2021

## Phase 1 DDI study:

- 60/60 subjects: enrollment completed
- Results expected in Q3 2021

## Phase 1 ADME study:

- 12 subjects to be enrolled, starting Q2 2021
- Results expected in late Q4 2021

## Phase 1 study in Japanese subjects

- PMDA interactions ongoing
- Subjects to be enrolled in Japan, starting Q3 2021

## Ulcerative colitis phase 3 in preparation:

- End of phase 2b meeting planned for **Q3 2021**
- **IQVIA** involved in study preparation
- ~ **2 x 700 patients** planned for induction followed by a controlled maintenance study
- FPI planned for **Q4 2021**

## Crohn's disease phase 2b pivotal study in preparation:

- ~ **900 patients** in Europe and the US
- FPI expected for **Q4 2021**

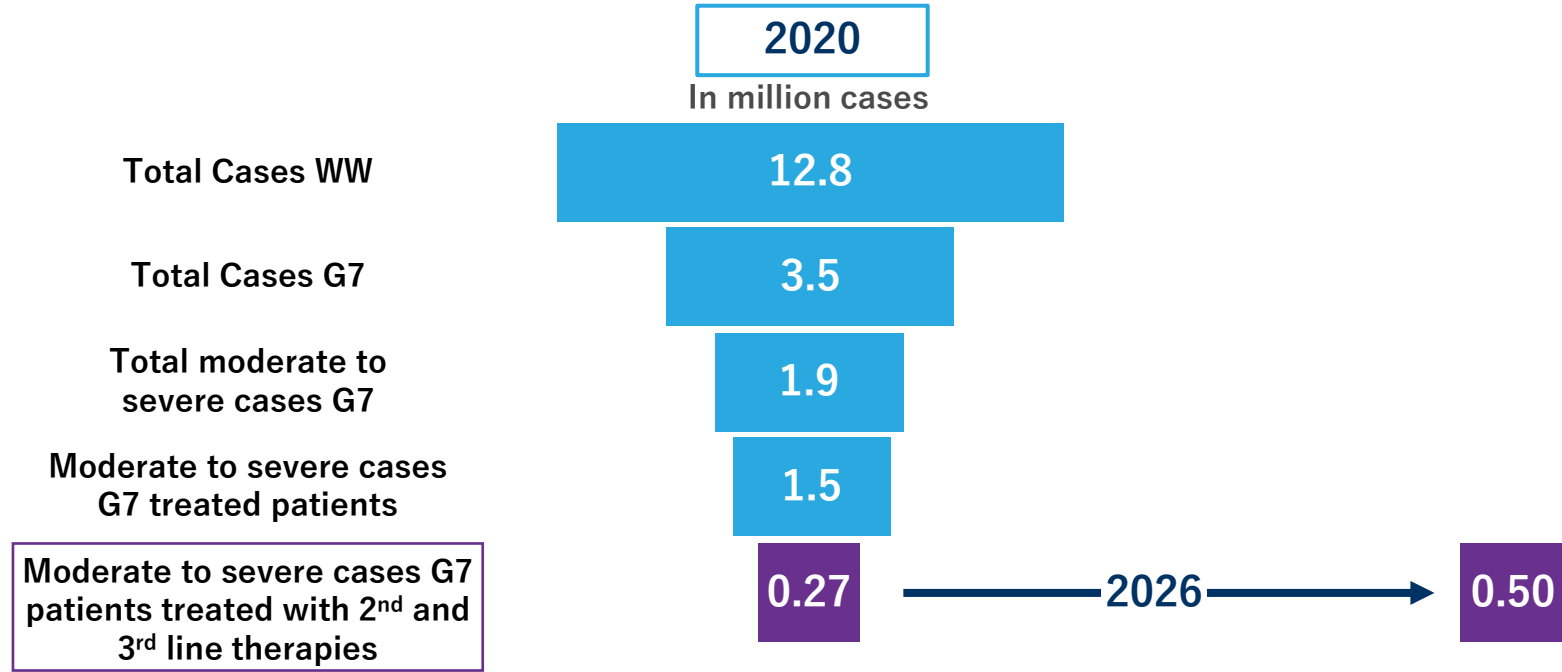
## Rheumatoid arthritis phase 2b studies planned:

- CsDMARDs and bDMARDs
- FPI expected for **Q1 2022**

# ABX464: A potential blockbuster in IBD...

Size of target market doubling in UC and increasing by nearly 25% in CD (2020 - 2026)

UC Epidemiology

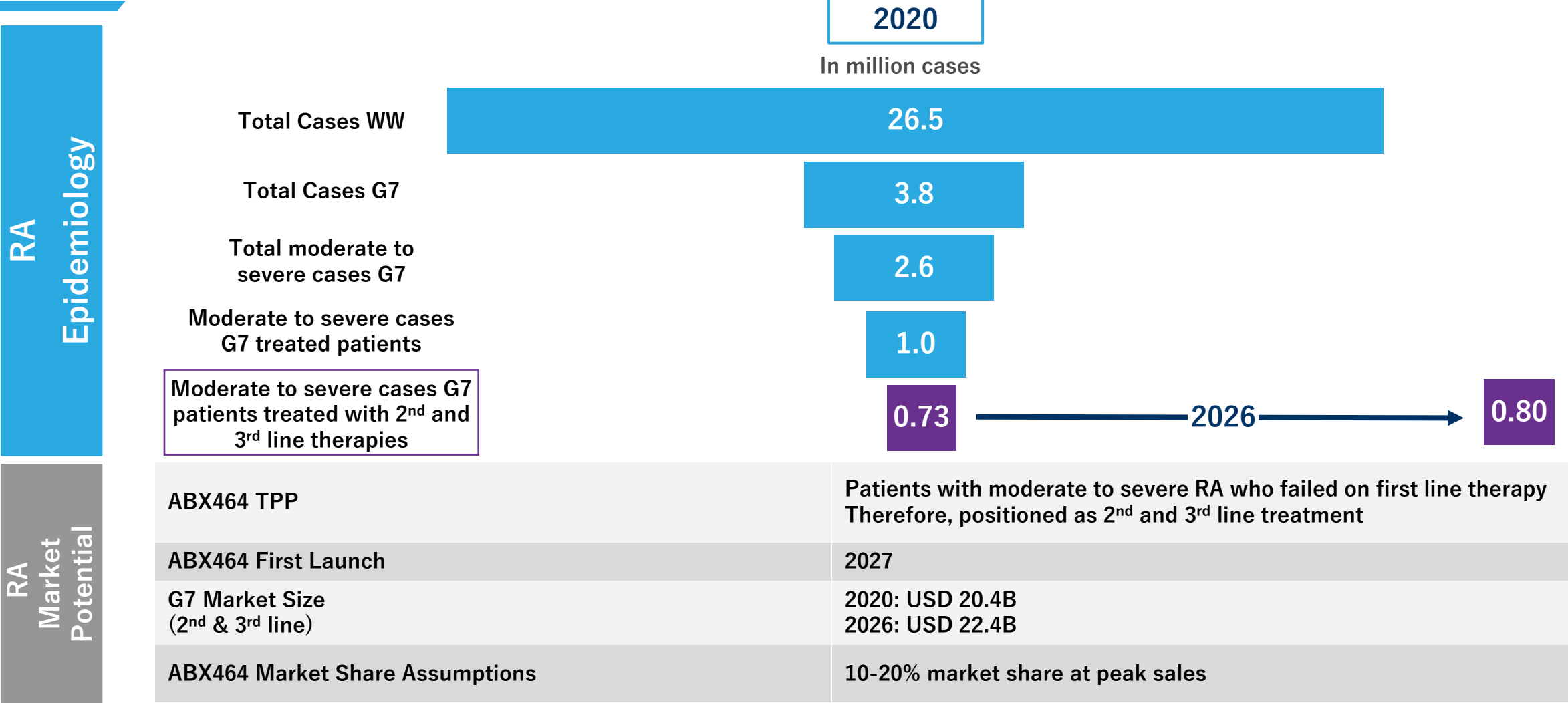


UC & CD  
Market Potential

	Ulcerative Colitis	Crohn's Disease
ABX464 TPP	Patients with moderate to severe UC and CD who failed on first line therapy Therefore, positioned as 2 <sup>nd</sup> and 3 <sup>rd</sup> line treatment	
ABX464 First Launch	2025 for UC	2026 for CD
G7 Market Size (2 <sup>nd</sup> & 3 <sup>rd</sup> line)	2020: USD 6.0 B for UC 2026: USD 11.7 B for UC	2020: USD 11.9 B for CD 2026: USD 14.7 B for CD
ABX464 Market Share Assumptions	10-20% market share at peak sales for both indications	

Source: Informa

# ABX464: As well as a potential blockbuster in RA



Source: Informa

# Newsflow through Q1 2022

	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022
UC - Phase 2b (ABX464)		Top-line results (Induction and initial maintenance data)		FPI Phase 3	Top-line results (One-year maintenance data)
CD - Phase 2b (ABX464)				FPI Phase 2b	
RA - Phase 2a (ABX464)	Enrollment completed	Top-line results (Induction data)			FPI Phase 2b  Top-line results (One-year maintenance data)
HCC - Phase 1/2 (ABX196)			Enrollment completed and top-line results (Dose escalation)  Start of expansion phase		

# Abivax Financing

10/2021

06/2022

Funding Need  
 $\geq$  € 30m  
 per quarter

75%

## ABX464 Project Plan

UC Phase 3 I+M & Phase 2b M\*  
 CD pivotal Phase 2b I+M  
 RA Phase 2b I+M & Phase 2a M  
 Manufacturing scale up  
 Regulatory clinical studies  
 Preclinical studies

15%

## Abivax

R&D structure  
 G&A

8%

Loan  
 reimbursement

2%

## ABX196

HCC Phase 1/2  
 POC study

## Abivax strategic roadmap

### Core strategic plan

Partnering (ranging from licensing to M&A)

### Alternative strategic plan

Capital raise (crossover round on Euronext)

Next strategic milestone to take place before end of 2021: completion of Abivax partnering AND/OR preparation of Abivax Nasdaq listing

\* I: Induction phase; M: Maintenance phase

# Highly experienced Executive Committee



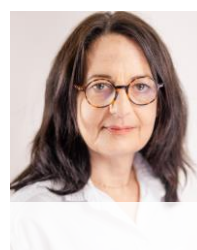
**Prof. Hartmut Ehrlich, M.D.**  
Chief Executive Officer

**Baxter** & **SANDOZ** *Lilly*



**Didier Blondel**  
Chief Financial Officer  
& Board Secretary

**SANOFI** **sanofi pasteur MSD**  
 vaccines For Life



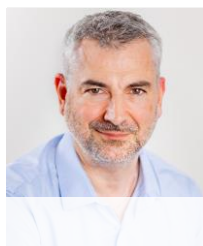
**Sophie Biguenet, M.D.**  
Chief Medical Officer

**VERAVANT** **abbvie** **Bristol-Myers Squibb**



**Alexandra Pearce, Ph.D.**  
VP, Regulatory Affairs,  
Quality, PV

**AMGEN** **Pfizer**



**Pierre Courteille**  
Pharmacist, MBA  
Chief Commercial  
Officer & VP, BD

**sanofi pasteur** **Guerbet** **Contrast for Life**



**Paul Gineste**  
Pharm.D.  
VP, Clinical  
Operations

**Boehringer Ingelheim** **ALTANA**



**Jérôme Denis, Ph.D.**  
VP, Process Dev. &  
Manufacturing

**imaXO** **LYONBIOPOLE**



**Regina Jehle**  
Director  
Communications

**BIONTECH**



**Didier Scherrer, Ph.D.**  
VP, R&D

**AstraZeneca**



**Prof. Jamal Tazi, Ph.D.**  
VP, Research

**Cjrs** **W**

Competencies from discovery to global commercialization