



erytech

**Business Update and Financial
Results for Q3 2017**

November 14, 2017

Disclaimer

The statements made in this presentation may include forward-looking statements regarding the future operations of ERYTECH Pharma S.A., including estimates regarding the use of proceeds from the global offering, estimates of target market opportunity, timing of planned clinical trials and results from those trials, regulatory strategy and timing of planned regulatory submissions, manufacturing capabilities and strategy for expansion of the ERYCAPS platform. Although we believe that the expectations contained in this presentation are reasonable, these forward-looking statements are only estimates based upon the information available to ERYTECH Pharma S.A. as of the date of this presentation. Except as required by law, we expressly disclaim any responsibility to publicly update or revise our forward-looking statements, whether as a result of new information, future events or otherwise. Thus, the forward-looking statements herein involve known and unknown risks and uncertainties and other important factors such that actual future operations, opportunities or financial performance may differ materially from these forward-looking statements. Undue reliance should not be placed on forward looking statements, which speak only as of the date hereof. All forward-looking statements contained herein are qualified in their entirety by the foregoing cautionary statement.

ERYTECH business update and Q3 2017 financial results

- **Business update**
- **Financial highlights Q3 2017**
- **News flow and upcoming milestones**

ERYTECH, leveraging red blood cells to improve cancer treatment



1

Innovative and versatile ERYCAPS technology platform

- Encapsulation of therapeutic compounds in red blood cells (RBC)
- Broadly applicable; strong intellectual property protection

2

Novel mechanisms of action

- Targeting cancer metabolism by sustained depletion of amino acids
- Targeting immune system by improved antigen presentation
- Potential for synergistic effects with other therapies

3

Targeting indications with high unmet medical needs

- Pancreatic ductal adenocarcinoma (PDAC) and other solid tumors
- Acute lymphoblastic and acute myeloid leukemia (ALL & AML)

4

Lead product candidate eryaspase (GRASPA®) in late development

- Positive Phase 2b clinical trial in PDAC
- Positive Phase 2/3 clinical trial in ALL; EU MAA resubmitted
- Phase 2b clinical trial in AML completed; in follow-up

5

Attractive long-term growth opportunities and strategic optionality

- Various platform opportunities beyond current lead programs
- ALL & AML partnered in EU and Israel; ERYP holds other commercial rights

Broad pipeline building on ERYCAPS platform

Mode of action	Product Candidate/ PROGRAM	Drug substance	Indication	Discovery	Pre-clinical	Phase 1	Phase 2	Phase 2b	Phase 3/ Pivotal	Application for Regulatory Approval	Commercial Rights	
Cancer metabolism Tumor starvation	eryaspase (GRASPA ^{®(1)})	Asparaginase	PDAC	▶								erytech  RECORDATI Europe TEVI Israel ⁽²⁾ erytech  US & RoW
			ALL	▶								
			AML	▶								
			Other solid tumors	▶								
	ery-methionase	Methionine-γ-lyase	Solid tumors	▶								
	eryminase	Arginine deiminase	Solid tumors	▶							erytech 	
Enzyme therapies	ERYZYME	Therapeutic enzymes	Metabolic diseases	▶								
Immuno-therapy	ERYMMUNE	Tumor antigens	TBD	▶								

Arrow indicates most advanced study within an indication or program; more detail is provided in subsequent slides

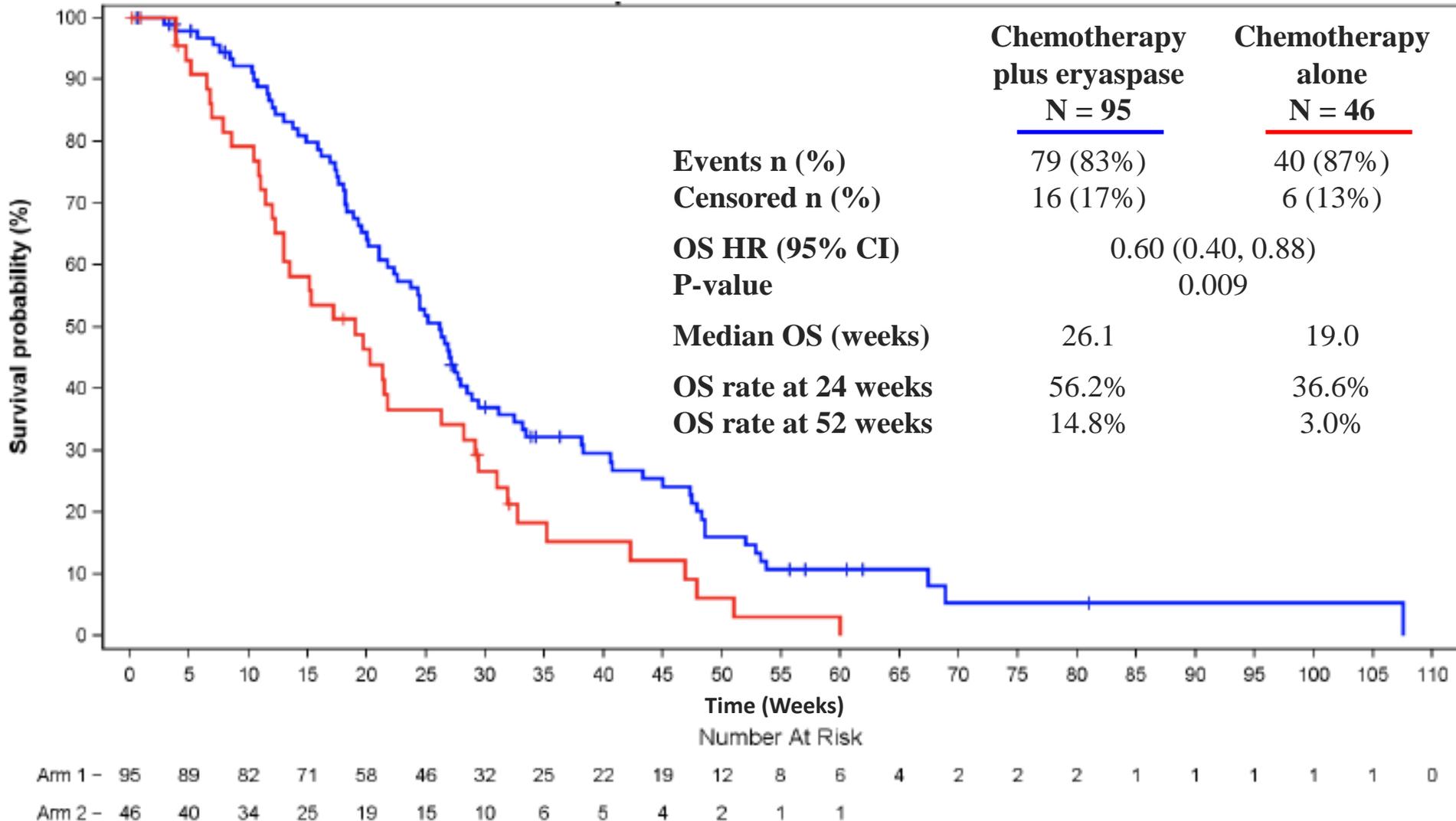
(1) Brand name for eryaspase in Europe and Israel

(2) Initially in ALL only

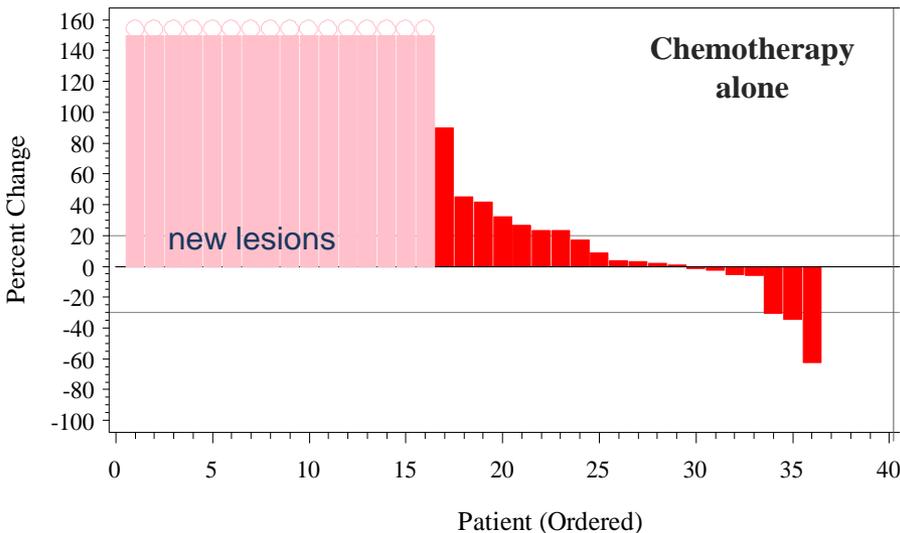
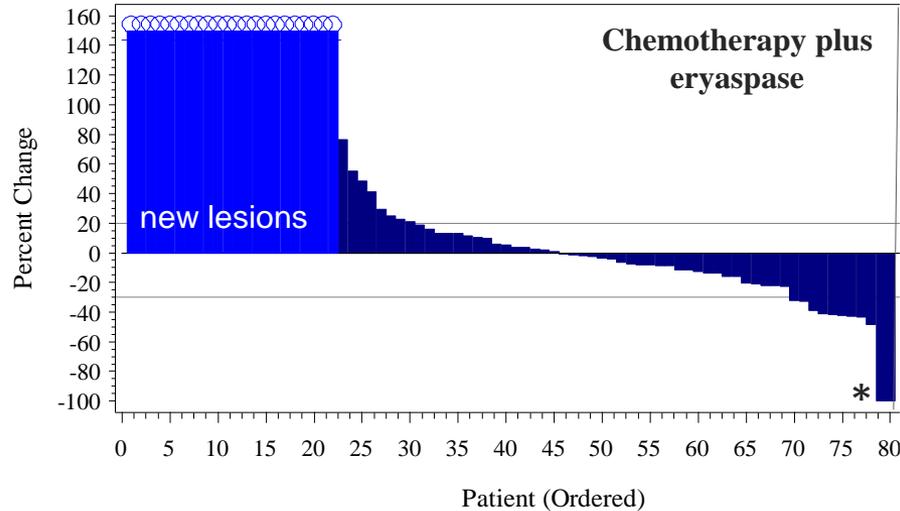
Q3 2017 and recent business highlights

- Presented full results of Phase 2b trial of eryaspase for the treatment of second-line metastatic PDAC at ESMO 2017 and met with the U.S. FDA to discuss plans for a proposed pivotal Phase 3 trial
- Resubmitted MAA to the EMA for eryaspase (GRASPA[®]) for the treatment of patients with relapsed or refractory (R/R) acute lymphoblastic leukemia (ALL); awaiting EMA's validation of the MAA
- Completed dosing of three treatment cohorts in U.S. Phase 1 dose-escalation trial of eryaspase in first-line adult ALL patients and determined the recommended dose for further development in this indication
- Presented preclinical data on eryminase and erymethionase programs at the 13th International Congress of Inborn Errors of Metabolism (ICIM).
- Cash position of approximately €80.3 million as of September 30, 2017
- Priced \$125 million global offering and received approval to list ADSs on Nasdaq

Phase 2b clinical trial in 2nd line PDAC: overall survival (ITT)



Phase 2b clinical trial in 2nd line PDAC: tumor progression (ITT)



* patient with complete remission () new lesions

	Chemotherapy plus eryaspase N=95	Chemotherapy alone N=46
PFS HR (95% CI)	0.59 (0.40, 0.89)	
P-value	0.011	
Median PFS (weeks)	8.6	7.0
PFS rate at 24 wks	16.9%	5.8%
Response rate (ORR)	11.6%	6.5%
Disease control rate (ORR+SD)	47.4%	23.9%

Next steps in PDAC and other solid tumor indications

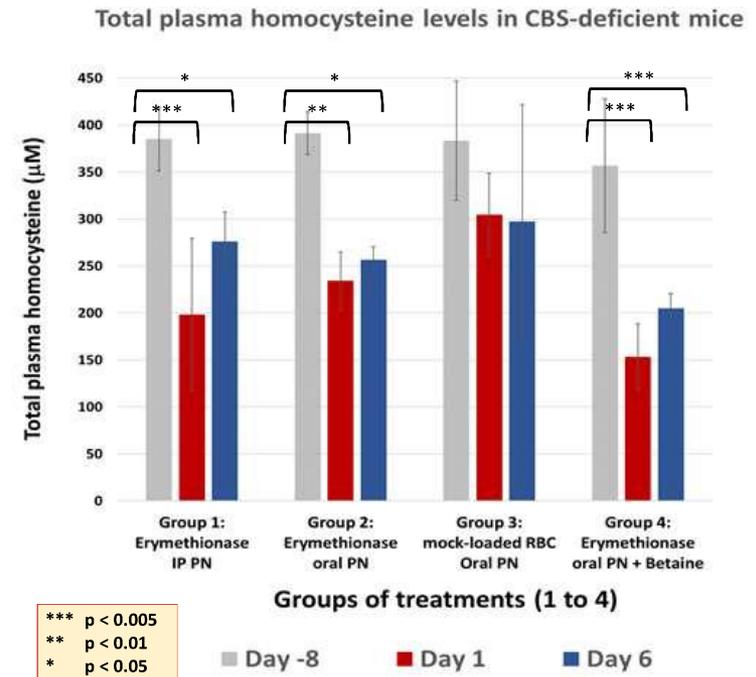
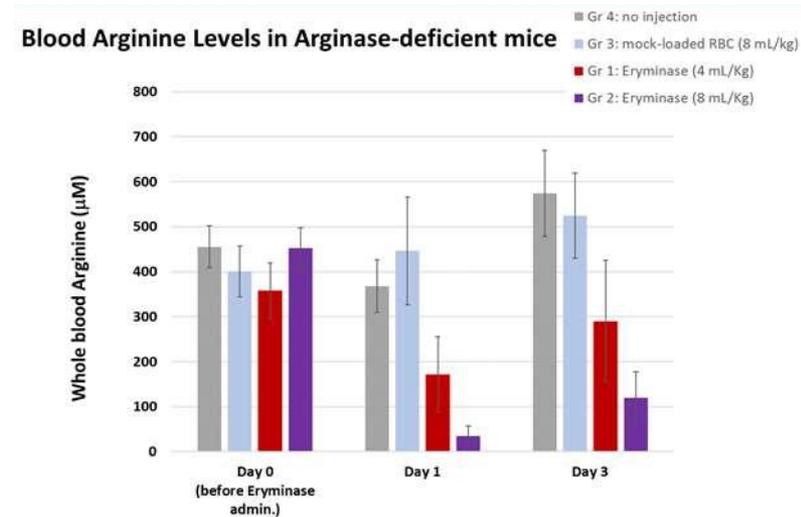
- Launch of pivotal Phase 3 clinical trial in second-line PDAC expected in Q3 2018
 - Main anticipated study design aspects:
 - Randomized study in Europe and the U.S.
 - 400-600 patients
 - Chemotherapy (investigators' choice) +/- eryaspase
 - Primary endpoint: OS (all comers)
 - Main secondary endpoints: PFS, ORR, DCR, QoL and safety
 - Validation of Phase 3 trial design ongoing:
 - FDA meeting held in early October 2017
 - Discussion with key opinion leaders ongoing
 - EMA meeting plans in progress
- Proof-of-concept studies in first-line and other PDAC settings being evaluated
- Exploring combinations with other chemo- and immuno-therapies
- Exploring other solid tumor indications

Clinical development in ALL and AML progressing

- R/R ALL:
 - EU Marketing Authorization Application resubmitted to the CHMP in October 2017; awaiting EMA's validation of the MAA
 - Includes supplemental data on comparability, immunogenicity and pharmacodynamics
- First-line adult ALL:
 - All patients treated in the third dose escalation cohort of US Phase 1 clinical trial
 - Recommended dosing for pivotal Phase 3 clinical trial determined at 100 U/I
 - Initiating steps ongoing for potential launch of Phase 3 clinical trial in Q3 2018
- First-line ALL after PEG-ASP:
 - First patients treated in investigator-initiated Phase 2 trial launched in Q2 2017
 - Conducted in Nordic and Baltic countries in collaboration with the Nordic Society of Pediatric Hematology and Oncology (NOPHO)
- First-line elderly AML
 - Ongoing Phase 2b trial expected to report primary results by end 2017

Promising preclinical data on ERYZYME presented

- eryminase, arginine deiminase encapsulated in red blood cells, showed a decrease in arginine levels in a disease model of arginase-1 deficiency, supporting a potential treatment approach for hyperargininemia (in collaboration with Queen's University in Kingston, Canada)
- erymethionase, resulted in lower homocysteine levels, supporting a potential treatment approach for homocystinuria (in collaboration with the Fox Chase Cancer Center in Philadelphia, U.S.)



Q3 2017 financial results

- Net loss of €20.8 million over first nine months of 2017

In '000 €	9 months ending September 30 2017	9 months ending September 30 2016	Variation
Revenues	0	0	0
Other income	2,864	2,905	(41)
Total operating income	2,864	2,905	(41)
Research & development	(17,841)	(13,648)	(4,157)
General & administrative	(6,102)	(5,699)	(402)
Total operating expenses	(23,943)	(19,384)	(4,559)
Total operating income (loss)	(21,079)	(16,478)	(4,601)
Financial income	243	362	(119)
Income tax	19	9	10
Net Loss	(20,818)	(16,108)	(4,710)

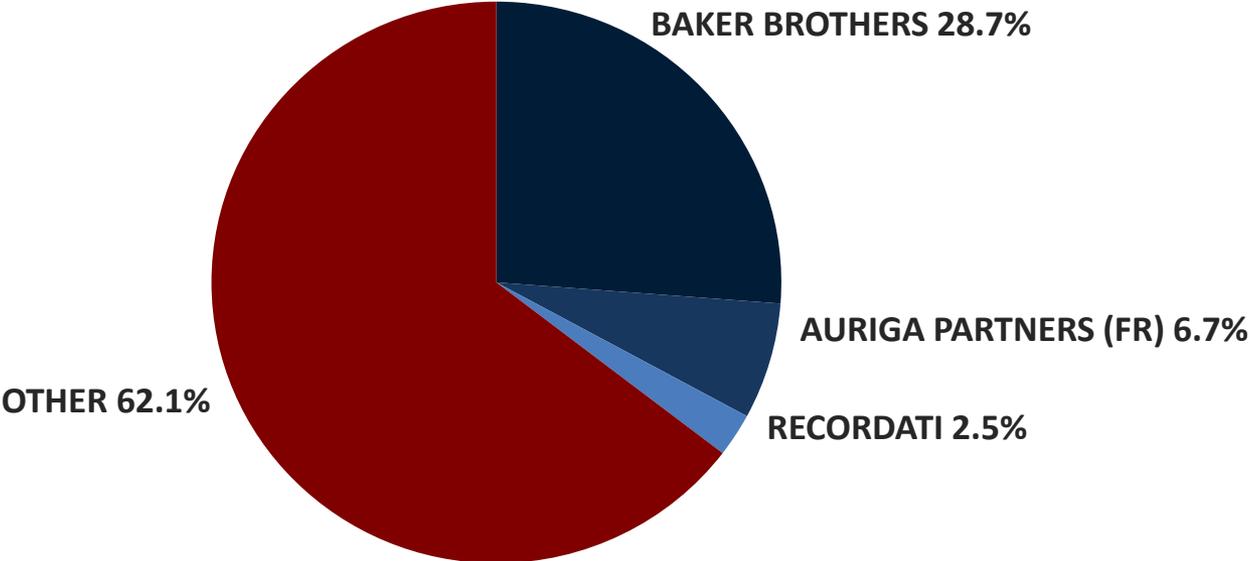
- The €4.7 million increase of net loss primarily due to the activities to advance the company's preclinical and clinical development programs
- Total net cash utilization of €8.3 million in Q3 2017
- Cash balance of €80.3 million at the end of Q3 2017

Global Offering priced on November 9th, 2017;

ADSs approved to list on Nasdaq

- \$125 million gross proceeds
- 5,374,033 new ordinary shares; 87% in the form of ADSs in the U.S. that are expected to close at an offering price of \$23.26 per ADS and 13% in a concurrent private placement that are expected to close at an offering price of €20 per ordinary share
- Underwriters have 30-day option to purchase up to an additional 806,104 ADSs and/or ordinary shares
- Global offering was reserved to specified categories of specialized investors
- Expected use of proceeds:
 - Approximately €42 (\$50) million to conduct planned pivotal Phase 3 clinical trial of eryaspase for the treatment of second-line metastatic pancreatic cancer in the United States and Europe;
 - Approximately €17 (\$20) million to conduct planned pivotal Phase 3 clinical trial of eryaspase as a first-line treatment for adults with ALL;
 - Approximately €17 (\$20) million to advance the development of eryaspase and potential follow-on products for other indications;
 - Approximately €4 (\$5) million to fund overall development of ERYCAPS platform technology and other preclinical development programs; and
 - The remainder for working capital and other general corporate purposes

Shareholder base⁽¹⁾



(1) Subject to closing of the Global Offering as priced and allocated

Key milestones

- Reporting of full Phase 2b PDAC data
- Determination of recommended dose in US Phase 1 study in first-line adult ALL
- Meeting with FDA on PDAC development plan
- Resubmission of EU marketing authorization application in R/R ALL
- Reporting of results from EU Phase 2b AML study
- Meeting with EMA on PDAC development plan
- Meeting with FDA on ALL development plan
- Initiation of Phase 3 study in second-line PDAC in Europe and the U.S.
- Initiation of clinical studies in first-line PDAC and other solid tumors
- Potential initiation of Phase 3 study in first-line adult ALL
- Potential initiation of Phase 3 study in AML
- Expected initiation of erymethionase Phase 1 study

THANK YOU

QUESTIONS?



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