



Enabling
intracellular
delivery

PCI Biotech - Q3 2022 Interim Report

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Q&A session through teleconference and webcast console

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When prompted, provide the confirmation code or event title.

Confirmation Code: 436187

Event title: PCI Biotech Holding Quarterly Report - Q3

This information is also available in the Q3 Report press release.

It is also possible to post questions through the webcast console.

PCI Biotech

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Highlights

Q3 2022

Corporate

- ▶ Reported in August that we will not conduct a company-sponsored Ph II trial with the **fima VACC** technology
 - Efforts to finance a Ph II clinical trial in head and neck cancer did not, under the current market conditions, result in a feasible way forward
- ▶ The decision entailed downsizing of the clinical team, enacted second half of 2022
 - Full cost reduction effect in Q1 2023
- ▶ Cash position of NOK 67 million per end of Q3
 - Enables an estimated financial runway into 2024
- ▶ Exploring new fields of use for the PCI technology
 - **fimaNAC** for dermatology and bioprocessing applications
 - **fima VACC** for intratumoural immunotherapy

Highlights

Q3 2022

fimaNAC

Dermatology
Bioprocessing

- ▶ First step for the dermatology discovery project
 - Demonstrate **fimaNAC**-mediated nucleic acid delivery in a wound model
 - External feasibility experiments contracted, expected readout 1H 2023
- ▶ The bioprocessing discovery project has matured
 - Focus on in-house experiments of **fimaNAC** for use in viral manufacturing

Highlights

Q3 2022

fima VACC Intratumoural immunotherapy

- ▶ Exploring approaches aiming to identify novel immunotherapy treatment combinations
 - Ph.D. candidate grant of up to NOK 2.5 million over 3 years from the Research Council of Norway

Highlights

Q3 2022

Collaborations

- ▶ In August 2022, a preclinical collaboration was initiated with Mymetics, aiming to explore technological synergies for possible enhancement of cancer therapy
- ▶ The collaborations with Mendus has been reviewed for progress and value. Priorities are set by both parties and the collaboration was closed in November

Highlights

Q3 2022

fima *CHEM*

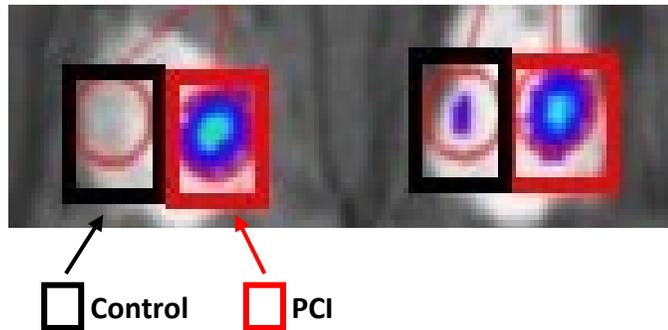
- ▶ All major study closure activities are expected to be completed by the end of the year
 - Study results published in the EU clinical trial database
 - Collected data insufficient to draw conclusions regarding efficacy
 - Remaining cash effect for closure process estimated up to NOK -3 million

Operational review

Operational review – Dermatology

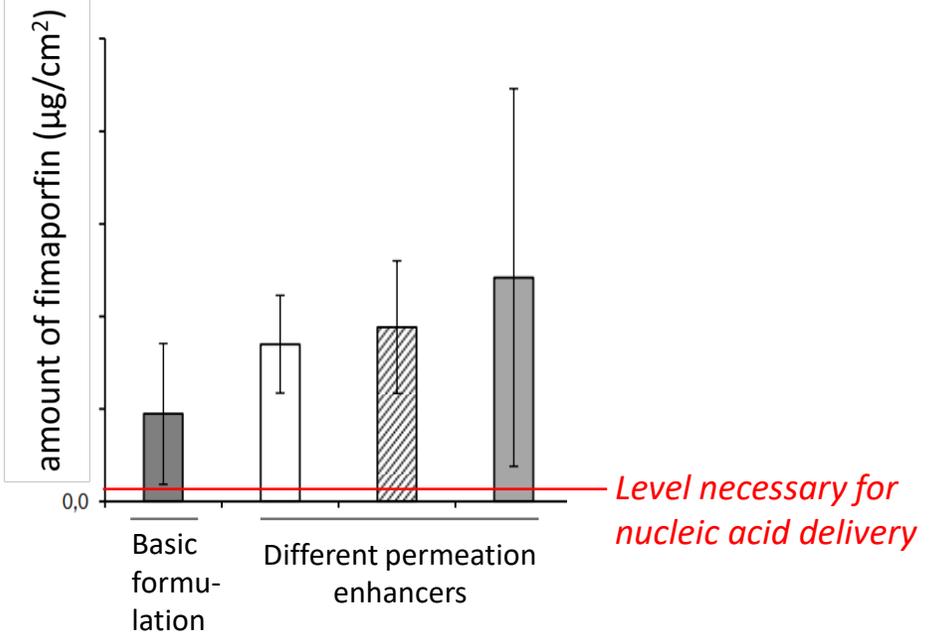
Intradermal delivery

PCI strongly enhances delivery of injected nucleic acids to skin



Topical delivery to intact skin

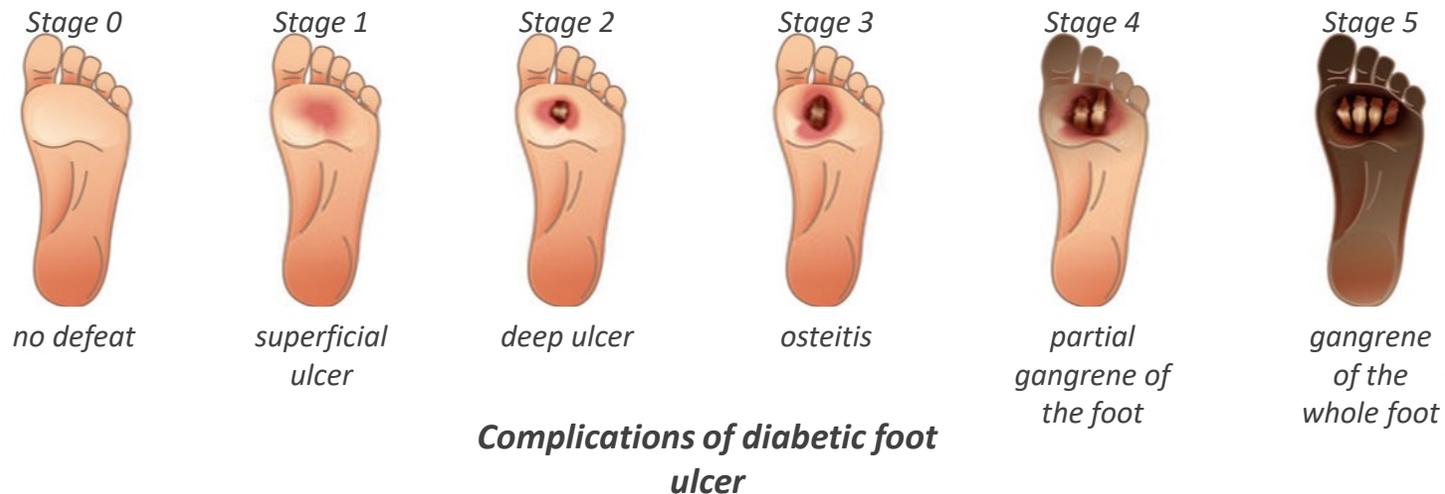
Fimaporfin penetration to deeper skin layers



- ▶ Fimaporfin can be delivered to intact skin in doses sufficient for use in nucleic acid delivery
- ▶ Next experiments will be performed by investigating delivery of a model mRNA in an *ex vivo* human skin wound model

Platform technology for delivery of nucleic acids to skin

- ▶ **fimaNAc** - Excellent technological fit with dermatological diseases
- ▶ Chronic skin ulcers (e.g. diabetic ulcers) have large unmet medical need
- ▶ Complex biology where **fimaNAc** can exploit the potential of nucleic acid therapies to affect tissue developmental (regenerative) programs
- ▶ Inefficient delivery has severely limited the use of nucleic acid therapies
- ▶ Large body surface areas are particularly challenging

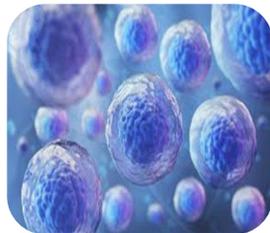


fimaNAC

Operational
review –
Bioprocessing

Bioprocessing - Manufacturing capacity is a limiting factor to treating more patients

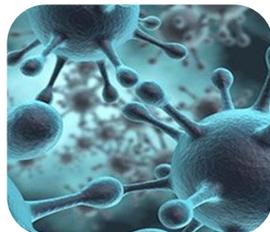
Markets:



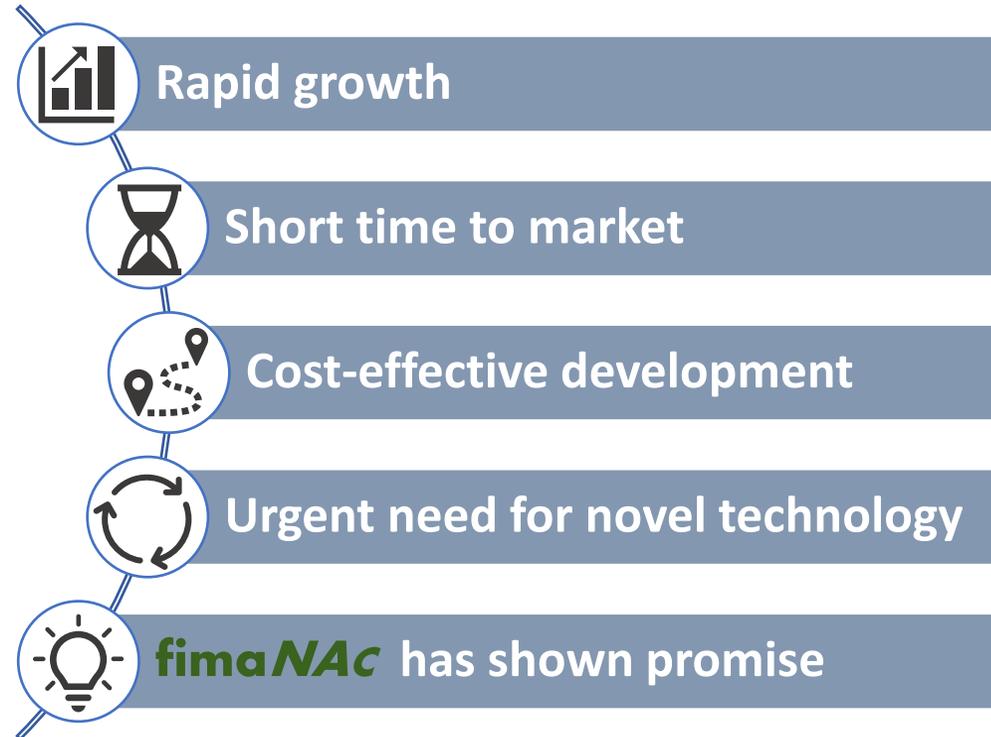
Cell culture



Cell and gene therapy

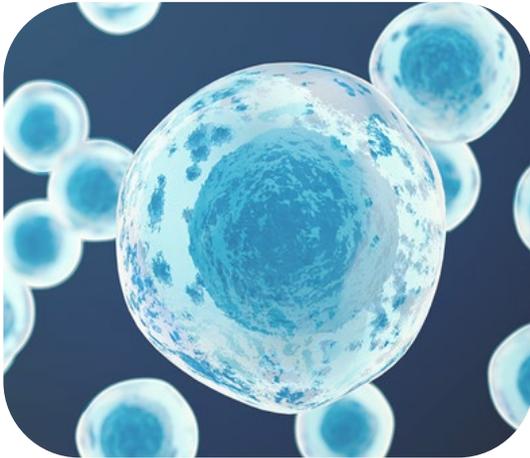


Viral manufacturing



Maximising yield for viral manufacturing

Operational
review –
Bioprocessing



Cells in culture

- Cell lines
- Range in quantity



Gene edit and expand

- Nucleic acids
- Enzymes
- Growth factors

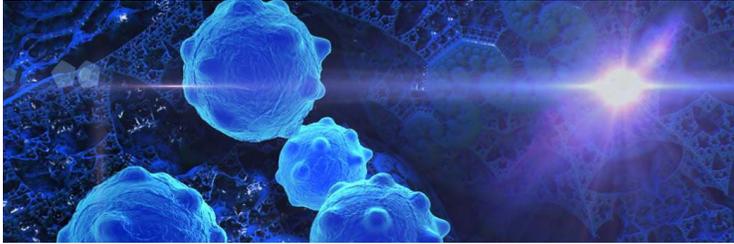


Harvest

- Quantity of material
- Purity of material
- Quality of material

PROTOTYPES WILL BE DEVELOPED FOLLOWING A PARTNERSHIP-DRIVEN STRATEGY

Operational
review –
Bioprocessing



Feasibility

- Pursue applications based on market need and technological fit
- Apply **fimaNAc** to viral manufacturing proof-of-concept (alpha prototype)
- Perform in-house

Early prototypes
(alpha)

- Partnerships are sought to improve early (alpha) prototype products or solutions
- Targets:
 - Pharma and Biotech
 - Contract development and manufacturing organisations (CDMOs, CMOs)

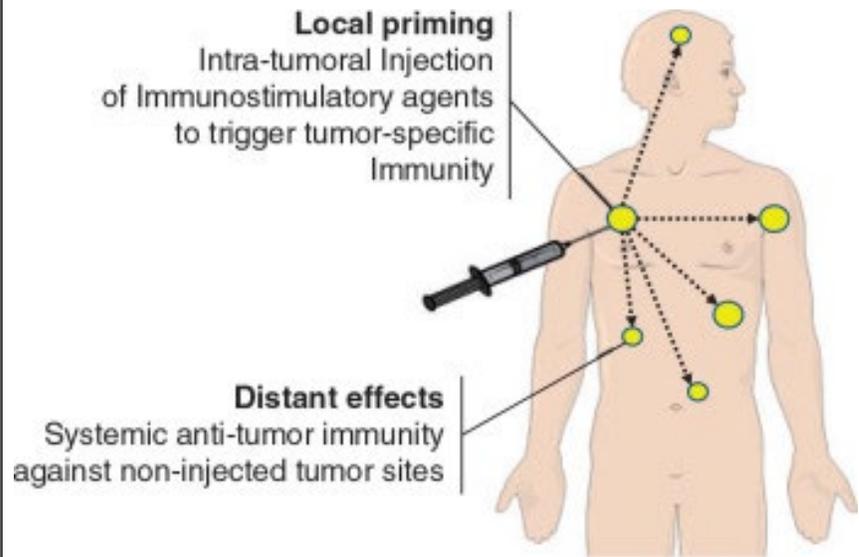
Late-stage
prototypes (beta)

- Late-stage (beta) prototypes are tested in partnerships to validate that products and solutions are commercially viable
- Targets:
 - Pharma and Biotech
 - Contract development and manufacturing organisations (CDMOs, CMOs)

fima VACC

Operational review – Intratumoural immunotherapy

“Treat locally – act globally”



Marabelle *et al.* (2017) *Ann. Oncol.*;28:xii33

Leveraging intratumoural immunotherapy to achieve a systemic anti-tumour immune response

- ▶ Despite representing a major breakthrough in cancer treatment, a large proportion of patients do not respond properly to immune checkpoint inhibitors (ICIs)
- ▶ Exploiting combinations of ICI and other systemic therapies is often difficult due to systemic side effects
- ▶ Local treatment of one tumour lesion can induce specific immune response against other tumour lesions in the body
- ▶ Systemic adverse effects are limited, enabling combination treatments not feasible with systemic treatment
- ▶ PCI has shown promising effects with several different intratumoural approaches, including principles which are in clinical use
- ▶ But; competitive and complex area
- ▶ Will mainly be pursued via a PhD grant from the Research Council of Norway
- ▶ 3-year project starting end of 2022 – collaboration with the Radium Hospital
- ▶ Focus on understanding mechanisms, use this to optimally exploit effect of PCI in this area

Research collaborations



- ▶ Offer valuable scientific knowhow, encouraging results and intellectual property
- ▶ Collaborations span different classes of drugs and applications
- ▶ PCI Biotech continues to pursue new and value-adding collaborative opportunities

RESEARCH COLLABORATION WITH INSTITUTE OF MARINE RESEARCH

PHOTOLICE - PHOTOCHEMICAL TREATMENT OF SEA LICE

► Project introduction

- 2-year project fully funded by public grant, ending June 2023
- Work performed by Institute of Marine Research (Havforskningsinstituttet)
- Evaluate if photochemical treatments can be used to combat sea lice in fish farming

► Rationale

- Sea lice are flat, transparent and accessible for illumination
- Photochemical reaction in a sea louse may destroy vital functions without harming the salmon

► Status

- Several photosensitizing compounds tested – some of them can kill free-swimming sea lice upon illumination
- Refinement of the principle is on-going



HAVFORSKNINGSINSTITUTTET



Key financials

Outlook

Q&A

Finance

Key financial figures

► Financial run-way estimated into 2024

- RELEASE closure, estimated remaining cash effect up to NOK -3 million
- Organisational changes will further reduce costs, full effect in Q1 2023
- Explore financing and strategic opportunities as non-clinical pipeline matures

<i>(figures in NOK 1,000)</i>	Q3 2022	Q3 2021	YTD 2022	YTD 2021	FY 2021
Other income (public grants)	1 188	1 187	3 563	5 085	6 273
Operating results	-10 945	-22 503	-49 387	-62 757	-86 029
Net financial result	250	1 080	988	-586	-2 362
Net profit/loss	-10 695	-21 423	-48 398	-63 343	-88 391

<i>(figures in NOK 1,000)</i>	Q3 2022	Q3 2021	YTD 2022	YTD 2021	FY 2021
Cash & cash equivalents	67 224	135 513	67 224	135 513	116 118
Cash flow from operating activities	-8 838	-13 141	-48 602	-50 984	-68 307

Outlook

Enabling
intracellular delivery

Leveraging the PCI technology platform within immunotherapy, dermatology, and bioprocessing

Programme	Therapeutics	Preclinical	Phase 1	Phase 2
fimaNAC	Dermatology			
fimaVACC	Intratumoural immunotherapy			
Collaborations	Undisclosed			
Programme	Application	Feasibility	Prototype	Commercial
fimaNAC	Bioprocessing			



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