

Q1 2020 REPORT HIGHLIGHTS AND FINANCIALS

19th May 2020

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Rune Skeie, CFO

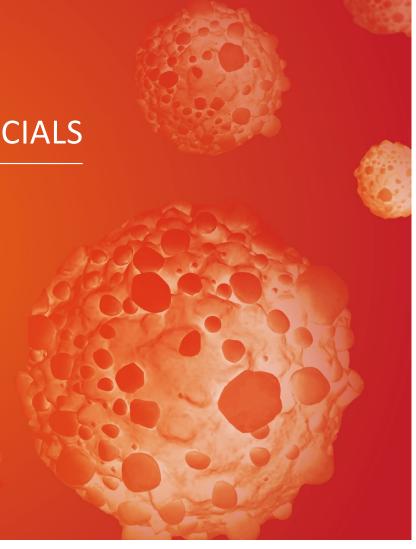
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BerGenBio corporate over view



World leaders in understanding AXL biology

AXL tyrosine kinase mediates aggressive disease: immune evasion, therapy resistance & metastatic cancer, fibrosis and viral infection

Selective AXL inhibitors have the potential to treat many serious unmet medical needs

Pipeline opportunities in multiple aggressive diseases



2 selective AXL inhibitors in clinical development

Bemcentinib (oral once a day pill)
Tilvestamab (mAb)

Bemcentinib broad Phase II program

Monotherapy and combos with CPI, targeted & chemo

Biomarker correlation, parallel CDx development

Bemcentinib clinical data points 2020: **AML** (chemo-combo)

NSCLC (KEYTRUDA combo) COVID19 (mono)



Resourced to deliver milestones

Listed on Oslo Børs: BGBIO

Clinical trial collaborations

Merck, UKRI, and leading academic centres EU & USA

40 staff at two locations: HQ & R&D in Bergen, Norway; Clinical Development in Oxford, UK

> Cash Q1'20 NOK419m, (Plus PIPE NOK500m May'20)



Recent highlights

Dec 2019 Presented preliminary clinical data from Ph II combination trial of bemcentinib and LDAC in <u>AML</u> patients at ASH conference

Complete responses (CR) reported with long duration

Jan 2020

Met Primary end point of ORR in phase II clinical trial in <u>NSCLC</u> (cohort B) in 2L IO refractory patients

Bemcentinib in combination with KEYTRUDA[®] meets primary end point and progress to stage 2 of the study cohort

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Private placement NOK220m

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COVID19 rPhII ACCORD-2 trial

UK Govt selected bemcentinib as first experimental compound to enter fully funded seamless platform trial for efficacy and safety

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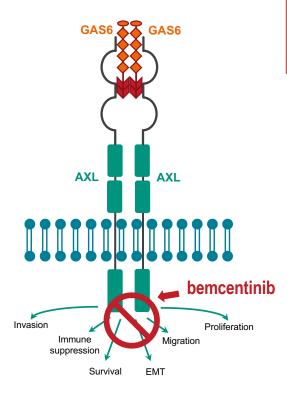
Impact on operations of COVID-19 global crisis

 Extensive WFH and virtual communications Staff wellbeing Some furlough in Norway • Unaffected - all patients remained on study and received medication and follow ups Patient treatment Additional medication provided to limit visits to hospital pharmacy • Many (but not all) hospitals stopped enrolment of new patients on to trials Patient recruitment · Will impact time lines and data read outs · Sample collection and processing slightly affected Translational data • No impact on revised read-out time lines • Many collaborators research labs were closed and some projects are delayed Research operations • IOWA University labs (SARS-CoV-2) remained open and productive Cash management • Immediate actions taken to preserve cash and realigned project spend





AXL Biology



- AXL mediates multiple survival mechanisms used by cancers:
 - Chemo drug resistance, immune evasion, metastasis
- AXL facilitates viral entry to host cells and reduces anti-viral immunity
- AXL a receptor tyrosine kinase that is important for regulating innate immune cells.¹
- AXL levels are elevated by cellular stress and is strongly associated with inflammatory diseases including cancer and fibrosis.²
- It functions as a homeostatic regulator in adult tissues and organ systems that are subject to continuous challenge and renewal throughout life immune, nervous, vascular and reproductive
- AXL drives cancer progression, immune evasion, and resistance to targeted therapies.³
- AXL is a key suppressor of the type I interferon response and is targeted by viruses to block the anti-viral immunity.⁴
- AXL is used by several different enveloped viruses (e.g. Ebola, Zika) to enter cells.⁵

Very low expression under healthy physiological conditions

Elevated AXL signaling strongly associated with cancer progression, immune evasion, drug resistance and metastasis

AXL mediates viral entry to cells and dampening of viral immune response



AXL is a key survival mechanism 'hijacked' by aggressive cancers and drives drug resistance, immune-suppression & metastasis

very low expression under healthy physiological conditions

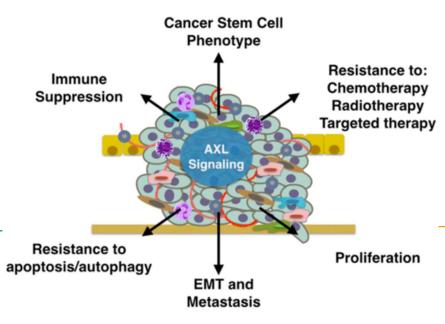
overexpressed in response to hypoxia, inflammation, cellular stress & drug treatment

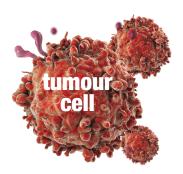
overexpression correlates with worse prognosis in most cancers



AXL increases on immune cells and suppresses the innate immune response

- M1 to M2 macrophage polarisation¹
- Decreased antigen presentation by DCs²
- Prevent CD8+ T cell mediated cell death³
- Activates Treg cells





AXL increases on the tumor cell and causes cancer escape and survival

- AXL is a unique type I interferon (IFN) response checkpoint
- Acquired drug resistance
- Immune cell death resistant
- Metastasis

DC- dendritic cells Treg – Regulatory T Cell

⁸ 1.Ludvig et al Can Res, 2018; Davidsen et al., submitted 2.Kurowska-Stolarska et al Nature Comm 2017; Rothlin et al Cell 2007 3.Ludvig et al Can Res, 2018; Davidsen et al., submitted 2.Kurowska-Stolarska et al Nature Comm 2017; Rothlin et al Cell 2007 3.Ludvig et al Can Res, 2018; Davidsen et al., submitted 2.Kurowska-Stolarska et al Nature Comm 2017; Rothlin et al Cell 2007 3.Ludvig et al Can Res, 2018; Davidsen et al., submitted 2.Kurowska-Stolarska et al Nature Comm 2017; Rothlin et al Cell 2007 3.Ludvig et al Can Res, 2018; Davidsen et al., submitted 2.Kurowska-Stolarska et al Nature Comm 2017; Rothlin et al Cell 2007 3.Ludvig et al Can Res, 2018; Davidsen et al., submitted 2.Kurowska-Stolarska et al Nature Comm 2017; Rothlin et al Cell 2007 3.Ludvig et al Can Res, 2018; Davidsen et al., submitted 2.Kurowska-Stolarska et al Nature Comm 2017; Rothlin et al Cell 2007 3.Ludvig et al Can Res, 2018; Davidsen et al., submitted 2.Kurowska-Stolarska et al Nature Comm 2017; Rothlin et al Cell 2007 3.Ludvig et al Can Res, 2018; Davidsen et al., submitted 2.Kurowska-Stolarska et al., submitted 2.Kurowska et al., submitted 2.Kurow

AXL is targeted by enveloped viruses to enter cells and dampen the viral immune response

Enveloped viruses display phosphatidylserine that is recognized by GAS6, the AXL receptor ligand, that mediates viral entry through "apoptotic mimicry".

Apoptotic mimicry (B) Type I interferon response Exposed PtdSer IFNAR - Axl complex 1 Binding Gasé AxI Cytoplasm 2 Activation STAT2 Inhibition of type I interferon responses (3) Expression

Viral-mediated AXL receptor activation dampens type I interferon responses, a key anti-viral defence mechanism for all cells

bemcentinib blocks AXL-dependent viral entry and enhances antiviral interferon response

Bemcentinib potently inhibits SARS-CoV-2 infection of cells.¹





Bemcentinib, a first-in-class, potent, oral, highly selective AXL inhibitor

- ✓ $IC_{50} = 14 \text{ nM}$
- ✓ Uniquely selective for AXL
 - ✓ 50-100 fold selective *cf.* TAM kinases

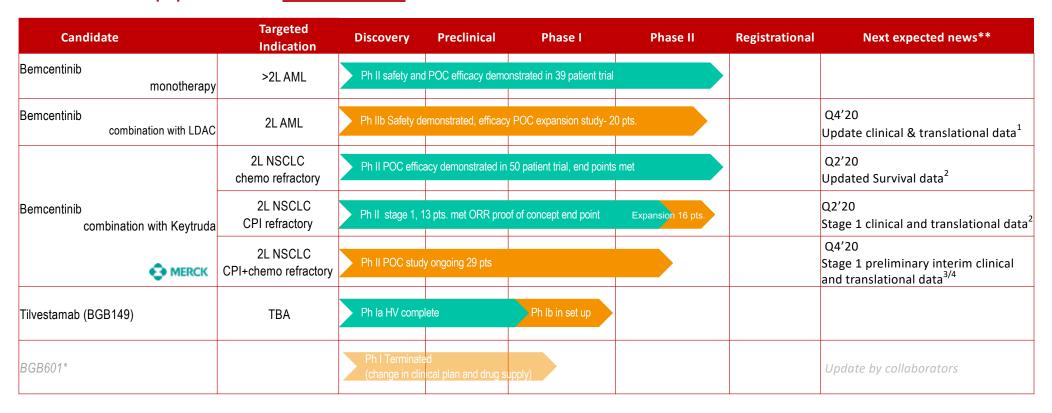


- ✓ Manufacturing at increased scale for late stage regulatory filing
- √ Size 0 100mg HPMC capsules
- √ 3 years stability confirmed

- ✓ Once daily oral dosing
- ✓ Extensive Phase I & II experience
 - √ >350 patients
- ✓ Favourable safety profile supports use in first line, high risk fragile patients
- ✓ Safety and tolerability profile supports use in combination with other drugs
- ✓ MOA is synergistic with other therapies, enhancing response
- ✓ Global regulatory exposure with Fast Track
 Designation by FDA
- ✓ IMP available in stock for immediate clinical trial use



BerGenBio pipeline of sponsored clinical trials and near term news flow







^{*}Development Out licensed to ADCT

^{**} Increased uncertainty due to COVID crisis

CPI – checkpoint inhibitor

mOS - median overall survival

¹ ASH – American Society of Heamatology (Dec 5-8)

² Next Gen Immuno Oncology (25th June)

³ SITC – Society of Immunotherapy of Cancer (Nov10-15)

⁴ WCLC - World Congress of Lung Cancer (Jan 26-29 2021)

BerGenBio pipeline of <u>Investigator Sponsored Trials</u> (ISTs)

Candidate	Sponsor	Targeted Indication	Dimensions	Phase I	Phase II	Registrational	Next expected news*
Bemcentinib	Uni. Hospital Southampton / UKRI funded	COVID19	Monotherapy	Randomised Phase II – 1	15 day treatment		Stage 1 Q3/4
	European MDS Cooperative Group	2L AML	Monotherapy	open-label, single-arm ,	phase II study.		Fully recruited. Q4'20 ASH
		2L MDS	Monotherapy	open-label, single-arm, p	phase II study		
	Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins	Recurrent Glioblastoma	Monotherapy	Set up			FPI* [recruitment on hold due to COVID-19]
	University of Leicester MERCK	Relapse Mesothelioma	+ pembrolizumab	Set up			FPI * [recruitment on hold due to COVID-19]
	Haukeland University Hospital	1L Metastatic Melanoma	+ pembrolizumab or +Dabrafenib/Trametinib	Randomised Phase II			Biomarker Analysis Q3
	UT Southwestern Medical Center	2-4L Stage 4 NSCLC	+ docetaxel	Ph I safety study			RP2D * [recruitment on hold due to COVID- 19]
	UT Southwestern Medical Center	1L metastatic or recurrent PDAC	+ Nab-paclitaxel+ Gemcitabine+ Cisplatin	Ph I safety study			[recruitment on hold due to COVID-19]



Bemcentinib clinical development in COVID19

ACCORD-2 trial

To evaluate the efficacy and safety in hospitalized COVID19 patients

First compound selected by UK Govt. COVID19 Therapeutic Task Force

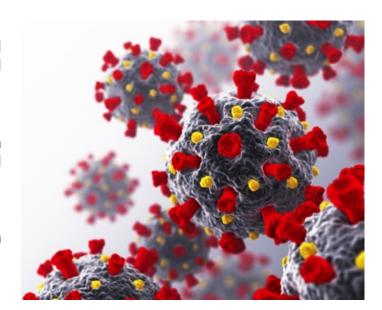
Trial funded by UK Govt.

A multicentre, randomised Phase II (120 patients) seamless Phase III transition option



BerGenBio's bemcentinib selected to be fast-tracked as a potential treatment for COVID-19

- Preclinical data suggest that bemcentinib is potentially useful for the treatment of early SARS-CoV-2 infection, as it selectively inhibits AXL kinase activity
- Bemcentinib selected as the first candidate to be fast-tracked in a new UK national multi-centre randomised Phase II clinical trial initiative to investigate potential treatments for hospitalised COVID-19 patients
- ACCORD (<u>AC</u>celerating <u>C</u>OVID-19 <u>R</u>esearch & <u>D</u>evelopment platform) is an Investigator Sponsored Trial, is funded by the UK Department of Health and Social Care and UK Research and Innovation
- National Institute for Health Research (NIHR) Southampton Biomedical Research Centre is the sponsor, Professor Tom Wilkinson is the Chief Investigator of ACCORD-2
- Study is a collaboration between the UK Government Scientific Office, the NIHR's Biomedical Research centres and clinical research company IQVIA
- The study will test 120 patients across 6 UK NHS hospital trusts.





Protocol title: A Multicentre, Seamless, Phase 2 Adaptive Randomisation Study to Assess the Efficacy and Safety of Multiple Candidate Agents for the Treatment of COVID-19 in Hospitalised Patients

Rationale:

There are currently no approved therapeutic agents available to treat coronaviruses such as severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the causative agent of COVID-19 disease, and there is an urgent public health need for rapid development of such interventions. This adaptive platform study is designed to rapidly assess multiple candidate agents as treatments for COVID-19. Candidate drugs that are initially assessed as being efficacious will be moved from an evaluation (pilot) stage to a confirmatory stage, with candidate agents being added to and removed from the study on an ongoing basis, depending on the results of their evaluation. Patients to be included in the study will be hospitalised and may require either supplemental oxygen, noninvasive ventilation or high flow oxygen devices, or invasive mechanical ventilation or extracorporeal membrane oxygenation (ECMO).

Objectives:

Stage 1: To evaluate the efficacy of candidate agents as add-on therapies to standard of care (SoC) in patients hospitalised with COVID-19 in a screening stage.

Stage 2: To confirm the efficacy of identified efficacious candidate agents in patients hospitalised with COVID-19 in an expansion stage.

Endpoints:

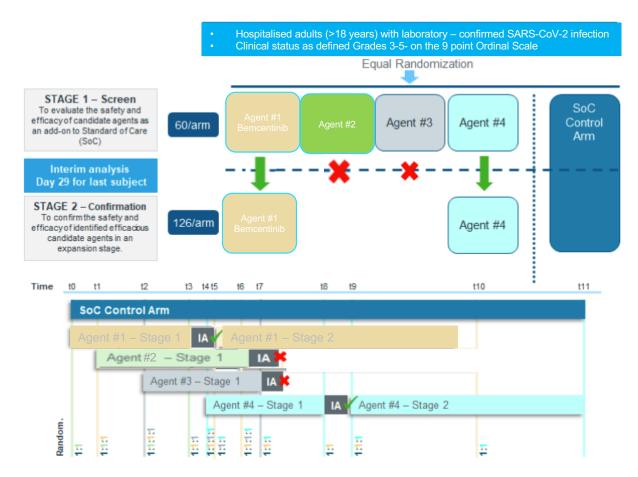
Time to clinical improvement of at least 2 points (from randomisation) of patients stage 3, 4 or 5 on a 9-point category ordinal scale, or live discharge from the hospital, whichever comes first (this will also define the "responder" for the response rate analyses).

9-Point Category Ordinal Scale:

- 0. Uninfected, no clinical or virological evidence of infection
- 1. Ambulatory, no limitation of activities
- 2. Ambulatory, limitation of activities
- 3. Hospitalised mild disease, no oxygen therapy
- 4. Hospitalised mild disease, oxygen by mask or nasal prongs
- 5. Hospitalised severe disease, noninvasive ventilation or high flow oxygen
- 6. Hospitalised severe disease, intubation and mechanical ventilation
- 7. Hospitalised severe disease, ventilation and additional organ support pressors, renal replacement therapy (RRT), extracorporeal membrane oxygenation (ECMO)
- 8. Death



ACCORD-2 Platform Study overview



IA=interim analysis; SARS-CoV-2=severe acute respiratory syndrome coronavirus 2; SoC=standard of care. Note: This figure shows a hypothetical situation, where in Stage 1 of the study there are 4 candidate agents being compared with the SoC, of which 2 candidate agents progress to Stage 2.

Bemcentinib ACCORD study:

- 8 NHS sites across UK
- Randomized Phase II
- 120 patients
 - (60 receive bemcentinib, 60 in SoC control group)
- IQVIA are the CRO
- Standard bemcentinib dosing
- 15 day dosing schedule
- Independent Data monitoring
 Committee
- Seamless transition to stage 2
 (phase III) subject to compelling data



ACCORD-2 bemcentinib Update



#	Hospital	City	Status 14 th May		
1	Southampton General Hospital (SPONSOR)	Southampton	Active / Screening		
2	Royal London Hospital	London	Active / Screening		
3	Whipps Cross hospital	London	In Set Up		
4	St Thomas' Hospital	London	Active / Screening		
5	Manchester Royal Infirmary	Manchester	Active		
6	Wythenshawe Hospital	Manchester	Active		
7	Royal Victoria Hospital	Belfast	In set up		
8	Royal Gwent Hospital	Newport	Active / Screening		



Bemcentinib clinical development in Acute Myeloid Leukemia (AML) and Myelodysplastic syndromes (MDS)

Objective: to evaluate the safety and efficacy of bemcentinib in AML and MDS

Bemcentinib monotherapy in patients relapsed AML or MDS

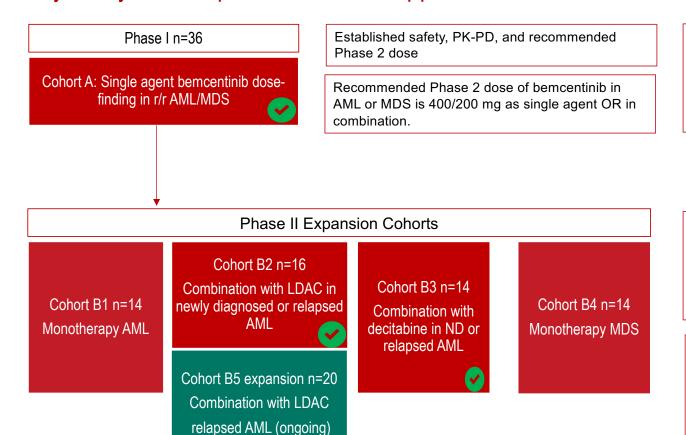


Bembentinib in combination with low-dose cytarabine (LDAC) in 1L newly diagnosed or relapsed patients with AML

Bembentinib in combination with LDAC in 2L relapsed patients with AML Expansion On going



Bemcentinib clinical development in Acute Myeloid Leukemia / Myeloid Dysplastic Syndrome elderly >75 years, r/r patients, with no approved SoC.



Phase I monotherapy

- ✓ safety
- √ efficacy
- ✓ biomarker correlation

Phase II expansion cohorts

- ✓ safety in combination
- ✓ efficacy in LDAC combination
- √ biomarker correlation

Cohort B5

- ✓ Expand LDAC combo
- ✓ Anticipate read out ASH '20
- ✓ Guide registration path



Bemcentinib clinical development in Non Small Cell Lung Cancer (NSCLC)

Objective: to improve the effectiveness of immune check point inhibitor (CPI) (pembrolizumab/Keytruda) refractory NSCLC patients, with a well tolerated, effective, and convenient drug

Chemotherapy refractory patients



CPI +/- chemotherapy refractory patients On going

CPI + Chemotherapy refractory patients On going



Bemcentinib + KEYTRUDA in refractory/relapsed NSCLC

Phase II Study Design



BGBC008 Phase II 2-stage study of bemcentinib (BGB324) in combination with pembrolizumab

Inclusion criteria

- Adenocarcinoma histology
- · Measurable disease
- · Fresh tumor tissue
- · AXL and PD-L1 All comers

Assessments Efficacy

- · Primary endpoint
 - Objective Response Rate
- Secondary endpoints
- · Duration of Response
- Disease Control Rate
- Time to Progression
- · Survival at 12 months
- Response by Biomarker expression

Safety PK

Regimen

- Pembrolizumab 200mg fixed
- Bemcentinib 400mg loading dose, then 200mg OD

Cohort A

- Previously treated with a platinum containing chemotherapy
- 2nd line advanced adeno NSCLC

Cohort B

- Previously treated with a checkpoint inhibitor (PD-L1 or PD-1 inhibitor)
- No more than 2 previous lines of treatment
- Must have had disease control for ≥12 weeks followed by progression
- 2nd or 3rd line advanced adeno NSCLC

Cohort C

- Previously treated 1st line with a checkpoint inhibitor- containing regimen in combination with a platinum-containing chemotherapy
- Disease control on 1st line therapy for ≥12 weeks followed by progression
- 2nd line advanced adeno NSCLC

COMPLETED: INFORMS 1L OPPORTUNITY

Interim Analysis



Stage 1

N=24 patients (each patient has the potential for at least 24 weeks follow-up)

Stop at this stage for: Futility (H0:15% if ≤3 responses) Or unfavorable risk/benefit

Final Analysis



Stage 2

N=50 patients total (each patient has the potential for at least 24 weeks follow-up)

Interim Analysis Stage 1



N=13 patients/cohort (each patient has the potential for at least 24 weeks follow-up)

Stop at this stage for Futility (H0:15% if 0 responses) Or unfavorable risk/benefit

Final Analysis Stage 2



N=29 patients/cohort

(each patient has the potential for at least 24 weeks follow-up)

Interim Analysis Stage 1



N=13 patients/cohort (each patient has the potential for at least 24 weeks follow-up)

Stop at this stage for Futility (H0:15% if 0 responses) Or unfavorable risk/benefit

Final Analysis

Stage 2

N=29 patients/cohort

(each patient has the potential for at least 24 weeks follow-up)

ONGOING WILL INFORM 2L PIVOTAL STUDY

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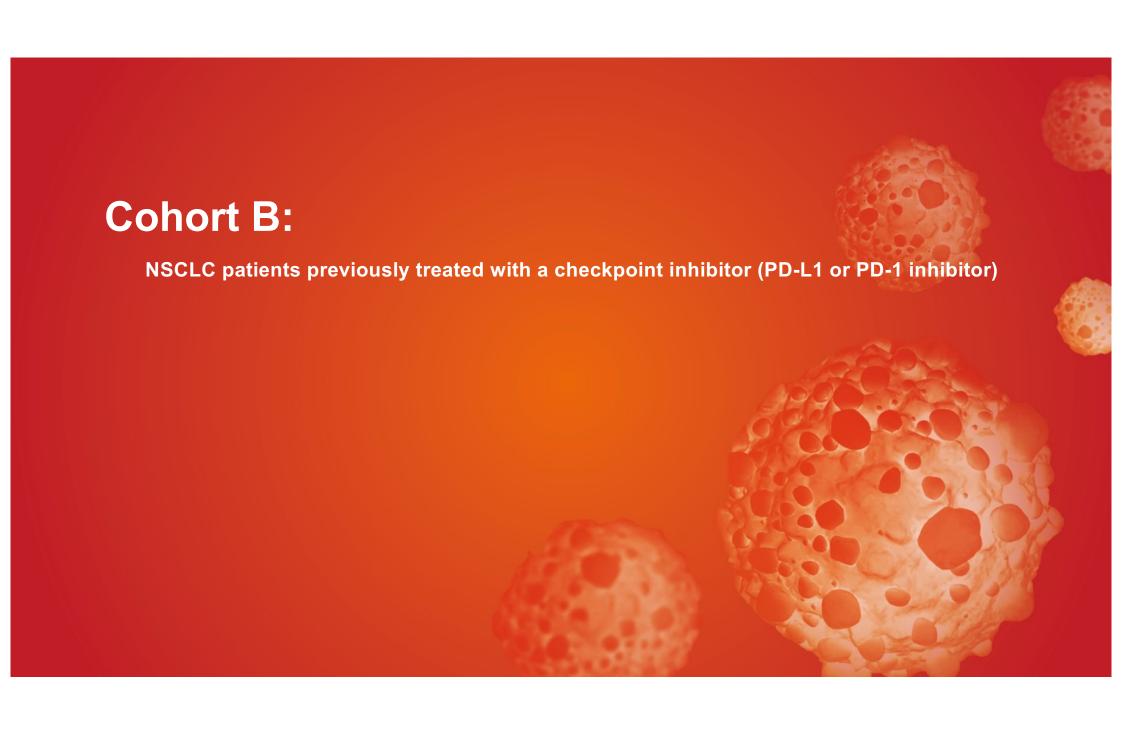
Ref. BGBC008 / NCT03184571 - clinical trial collaboration with Merck & Co., Inc.



NSCLC patients previously treated with a platinum containing chemotherapy

50% of patients are cAXL +ve:

- ✓ ORR cAXL +ve patients 5 X cAXL -ve patients
- √ 442% increase in mPFS in cAXL +ve patients
- ✓ 73% Clinical Benefit Rate in cAXL +ve patients
- ✓ independent of PD-L1 status



Cohort B: Bemcentinib + KEYTRUDA in CPI refractory patients

CHECK POINT INHIBITOR REFRACTORY PATIENTS: precise and specific definition

- Patients must have reported an initial clinical benefit (CR, PR or SD) for at least 12 weeks
- Subsequently progressed on treatment with an anti-PD1/L1 monoclonal antibody (mAb)
- > PD-1 treatment progression is defined by meeting all of the following criteria:
 - received at least 2 doses of an approved anti-PD-1/L1 mAb
 - demonstrated disease progression after PD-1/L1 as defined by RECIST v1.1.
 - ➢ initial evidence of disease progression (PD) is to be confirmed by a second assessment no less than four weeks from the date of the first documented PD,
- ➤ Progressive disease has been documented within 12 weeks from the last dose of anti-PD-1/L1 mAb.
- Other therapies not to be administered between last dose of anti PD-1/L1 mAb and commence of clinical trial agent



Jan 2020

Interim Analysis Cohort B stage 1

met ORR end point

stage 2 (n=16 pts) initiated.

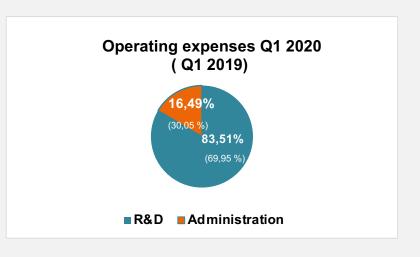
Clinical and Translational data will be presented at:

Next Gen-Immuno-Oncology Congress 25th June 2020 Virtual event

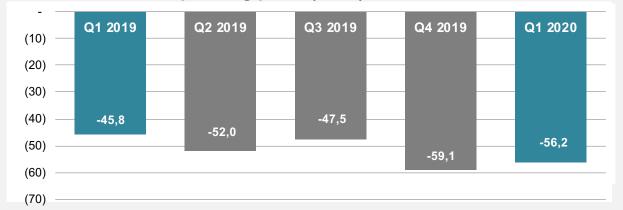
Finance Report Rune Skeie - CFO

Key financial figures

(NOK million)	Q1 2020	Q1 2019	FY 2019
Operating revenues	0,0	8,7	8,9
Operating expenses	56,2	54,5	213,3
Operating profit (-loss)	-56,2	-45,8	-204,4
Profit (-loss) after tax	-48,6	-44,3	-199,3
Basic and diluted earnings (loss) per share			
(NOK)	-0,73	-0,81	-3,43
Net cash flow in the period	158,9	-54,2	-107,2
Cash position end of period	419,4	306,7	253,6



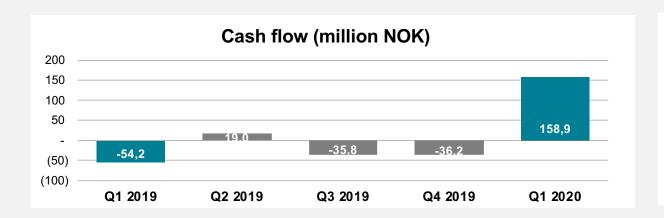
Operating profit (-loss) million NOK



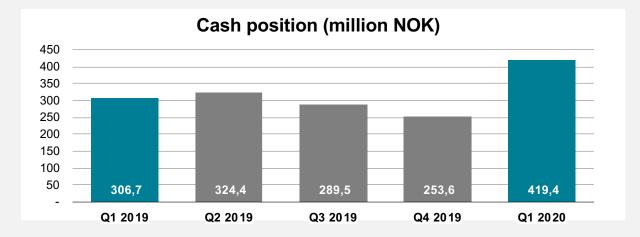
- Increase in operation expenses is a result of organisational expansion in preparation for late stage clinical development. Specifically the clinical and regulatory teams have been enlarged.
- Well managed overhead costs.
- 83,51 % of operating expenses Q1 2020 (Q1 2019: 69,95 %) is attributable to Research & Development activities.



Cash flow and cash position



- Q1 cash flow include proceed from Private Placement in January/February raising gross NOK 219.9m.
- Quarterly average cash burn (Q419 Q420)
 NOK 49.6m (USD 5.6m)



- Cash position Q1 2020 NOK 419.4 million (USD 39.9m).
- Private Placement May 2020 <u>additional</u> cash NOK 500.0m (USD 48.3m).

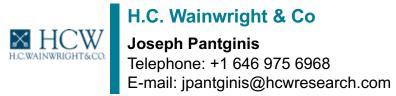


Private Placement and subsequent repair offering: May 2020

- Subscription and issue of 13,325,000 offer shares at NOK 37.50 per share completed. Gross proceeds NOK 500 million.
- Number of shares after the private placement is 86,725,805.
- Subsequent Repair offering:
 - Issue up to 1,500,000 shares
 - Directed to eligible shareholders:
 - shareholder at 4 May registered at 6 May (record date),
 - were not allocated shares in the private placement 4 May,
 - are not resident in a jurisdiction where such offering would be unlawful and
 - at the record date have a shareholding below 150,000 shares in the Company.
 - Non tradable subscription rights will be allocated to eligible shareholders at a later time.
 - Completion of subsequent repair offering is subject to an Extraordinary General meeting approval, approval of a Prospectus and share price development.



Analyst coverage





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Recent highlights

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Expected Newsflow* 2020





WCLC 26-29 Jan NSCLC Bem + KEYTRUDA

2020 MAY JUN JUL AUG SEP OCT NOV DEC 2021





* Conditional on impact of global COVID crisis

ASH – American Society of Heamatology (Dec 5-8)

Next Gen Immuno Oncology (25th June)

33 SITC – Society of Immunotherapy of Cancer (Nov10-15)

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