



# COMPLEEMENT-1: An Open-label, Multicenter, Phase IIIb Study to Assess the Safety and Efficacy of Ribociclib (LEE011) in Combination With Letrozole for the Treatment of Men and Pre/Postmenopausal Women With Hormone Receptor-positive (HR+) HER2-negative (HER2-) Advanced Breast Cancer (aBC) With no Prior Hormonal Therapy for Advanced Disease

20/08/2025 12:46:31

## Main Information

### Primary registry identifying number

LBCTR2019010184

### Protocol number

CLEE011A2404

### MOH registration number

20521/2017

### Study registered at the country of origin

Yes

### Study registered at the country of origin: Specify

### Type of registration

Retrospective

### Type of registration: Justify

LCTR was already initiated, original file was previously submitted by Paper

### Date of registration in national regulatory agency

01/06/2017

### Primary sponsor

Novartis Pharma Services Inc.

### Primary sponsor: Country of origin

Novartis Pharmaceuticals

### Date of registration in primary registry

27/01/2021

### Date of registration in national regulatory agency

01/06/2017

### Public title

COMPLEEMENT-1: An Open-label, Multicenter, Phase IIIb Study to Assess the Safety and Efficacy of Ribociclib (LEE011) in Combination With Letrozole for the Treatment of Men and Pre/Postmenopausal Women With Hormone Receptor-positive (HR+) HER2-negative (HER2-) Advanced Breast Cancer (aBC) With no Prior Hormonal Therapy for Advanced Disease

### Acronym

COMPLEEMENT 1

### Scientific title

COMPLEEMENT-1: An Open-label, Multicenter, Phase IIIb Study to Assess the Safety and Efficacy of Ribociclib (LEE011) in Combination With Letrozole for the Treatment of Men and Pre/Postmenopausal Women With Hormone Receptor-positive (HR+) HER2-negative (HER2-) Advanced Breast Cancer (aBC) With no Prior Hormonal Therapy for Advanced Disease

### Acronym

### Brief summary of the study: English

The purpose of this Phase IIIb study is to collect additional safety and efficacy data for the combination of ribociclib + letrozole in men and pre/postmenopausal women with HR+HER2- advanced breast cancer.

### Brief summary of the study: Arabic



بالاشتراك مع ليتروزول لعلاج (LEE011) دراسة مفتوحة اللصاقة، متعددة المراكز في المرحلة الثالثة ب تقييم سلامة وفعالية ريبوسيكليب  
الذين (HER2-) 2وسلبي الهير (HR+) الرجال والنساء قبل/بعد انقطاع الطمث المصابين بسرطان الثدي المتقدم الإيجابي مستقبلات الهرمون  
لم يتلقوا أي علاج هرموني سابق للمرض المتقدم

## Health conditions/problem studied: Specify

Advanced Breast Cancer

## Interventions: Specify

- Drug: Ribociclib
- Drug: Letrozole
- Drug: Goserelin

## Key inclusion and exclusion criteria: Inclusion criteria

- Male or female advanced (locoregionally recurrent or metastatic) breast cancer not amenable to curative therapy.
- In the case of women, both pre/perimenopausal and postmenopausal patients are eligible
- Patient has a histologically and/or cytologically confirmed diagnosis of estrogen-receptor positive and/or progesterone receptor positive breast cancer
- Patient has HER2-negative breast cancer defined as a negative in situ hybridization test or an IHC status of 0, 1+ or 2+. If IHC is 2+, a negative in situ hybridization (FISH, CISH, or SISH) test is required
- Patient has an Eastern Cooperative Oncology Group (ECOG) performance status  $\leq 2$
- Patient has adequate bone marrow and organ function as defined by ALL of the following laboratory values (as assessed by local laboratory):
  - Absolute neutrophil count  $\geq 1.5 \times 10^9/L$
  - Platelets  $\geq 100 \times 10^9/L$
  - Hemoglobin  $\geq 9.0$  g/dL
  - Potassium, sodium, calcium corrected for serum albumin and magnesium within normal limits or corrected to within normal limits with supplements before first dose of the study medication
  - INR  $\leq 1.5$
  - Serum creatinine  $< 1.5$  mg/dl or creatinine clearance  $\geq 50$  mL/min
  - In absence of liver metastases, alanine aminotransferase (ALT) and aspartate aminotransferase (AST) should be below  $2.5 \times$  ULN. If the patient has liver metastases, ALT and AST should be  $< 5 \times$  ULN.
  - Total serum bilirubin  $<$  ULN; or total bilirubin  $\leq 3.0 \times$  ULN with direct bilirubin within normal range in patients with well-documented Gilbert's Syndrome
- Patient must have a 12-lead ECG with ALL of the following parameters at screening:
  - QTcF interval at screening  $< 450$  msec (using Fridericia's correction)
  - Resting heart rate  $\geq 50$  bpm

## Key inclusion and exclusion criteria: Gender

Both

## Key inclusion and exclusion criteria: Specify gender

## Key inclusion and exclusion criteria: Age minimum

18

## Key inclusion and exclusion criteria: Age maximum

99

## Key inclusion and exclusion criteria: Exclusion criteria

- Patient who received any CDK4/6 inhibitor
- Patient who received any prior systemic hormonal therapy for advanced breast cancer; no more than one prior regimen of chemotherapy for the treatment of metastatic disease is permitted

## Type of study

Interventional

## Type of intervention

Pharmaceutical

## Type of intervention: Specify type

N/A

## Trial scope

Therapy

## Trial scope: Specify scope

N/A

## Study design: Allocation

N/A: Single arm study

## Study design: Masking

Open (masking not used)

## Study design: Control

## Study phase

N/A

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**Study design: Purpose**

Treatment

**Study design: Specify purpose**

N/A

**Study design: Assignment**

Single

**Study design: Specify assignment**

N/A

**IMP has market authorization**

Yes, Lebanon and Worldwide

**IMP has market authorization: Specify**

USA, EU & other countries

**Name of IMP**

Ribociclib ( Kisqali)

**Year of authorization**

2017

**Month of authorization**

8

**Type of IMP**

Others

**Pharmaceutical class**

Orally bioavailable, highly selective small molecule inhibitor of cyclin-dependent kinases 4 and 6 (CDK4/6).

**Therapeutic indication**

Men and Pre/Postmenopausal Women With Hormone Receptor-positive (HR+) HER2-negative (HER2 -) Advanced Breast Cancer

**Therapeutic benefit**

increase Overall survival and progression free survival

**Study model**

N/A

**Study model: Explain model**

N/A

**Study model: Specify model**

N/A

**Time perspective**

N/A

**Time perspective: Explain time perspective**

N/A

**Time perspective: Specify perspective**

N/A

**Target follow-up duration**

**Target follow-up duration: Unit**

**Number of groups/cohorts**

**Biospecimen retention**

None retained

**Biospecimen description**

Local lab is being used, no samples will be shipped outside Lebanon, Lab samples are mainly CBC, Chemistry to follow up on patient safety



<b>Target sample size</b> 20	<b>Actual enrollment target size</b> 17
<b>Date of first enrollment: Type</b> Actual	<b>Date of first enrollment: Date</b> 10/08/2018
<b>Date of study closure: Type</b> Actual	<b>Date of study closure: Date</b> 30/08/2021
<b>Recruitment status</b> Complete	<b>Recruitment status: Specify</b>
<b>Date of completion</b> 12/01/2018	
<b>IPD sharing statement plan</b> Yes	<b>IPD sharing statement description</b> Novartis is committed to sharing with qualified external researchers, access to patient-level data and supporting clinical documents from eligible studies. These requests are reviewed and approved by an independent review panel on the basis of scientific merit. All data provided is anonymized to respect the privacy of patients who have participated in the trial in line with applicable laws and regulations.
<b>Additional data URL</b> <a href="https://clinicaltrials.gov/ct2/show/record/NCT02941926?recrs=d&amp;rslt=Without&amp;type=Intr&amp;cond=Advanced+Breast+Cancer&amp;titles=complement&amp;spons=novartis&amp;phase=2&amp;rank=1">https://clinicaltrials.gov/ct2/show/record/NCT02941926?recrs=d&amp;rslt=Without&amp;type=Intr&amp;cond=Advanced+Breast+Cancer&amp;titles=complement&amp;spons=novartis&amp;phase=2&amp;rank=1</a>	
<b>Admin comments</b>	
<b>Trial status</b> Approved	

## Secondary Identifying Numbers

Full name of issuing authority	Secondary identifying number
Clinical Trials.Gov	NCT02941926

## Sources of Monetary or Material Support

Name
Novartis Pharma Services Inc.

## Secondary Sponsors

Name
NA



## Contact for Public/Scientific Queries

Contact type	Contact full name	Address	Country	Telephone	Email	Affiliation
Public	Fadi Farhat	Saida	Lebanon	+961 3 753 155	drfadi.trials@gmail.com	Hammoud Hospital
Scientific	Hind Khairallah	Beirut	Lebanon	+961 1 512002 Ext. 271	Hind.Khairallah@fattal.com.lb	Khalil Fattal et Fils s.a.l.
Public	Fadi El Karak	Mansourieh	Lebanon	+961 3 061 621	felkarak@yahoo.com	Bellevue Medical Center
Public	Georges Chahine	Beirut	Lebanon	+9613 647778	Chahine_georges@hotmail.com	Hotel Dieu De France

## Centers/Hospitals Involved in the Study

Center/Hospital name	Name of principles investigator	Principles investigator speciality	Ethical approval
Hammoud Hospital University Medical Center	Dr Fadi Farhat	Hematology Oncology	Approved
Hotel Dieu De France	Dr Georges Chahine	Hematology Oncology	Approved
Bellevue Medical Center	Dr Fadi El Karak	Hematology Oncology	Approved

## Ethics Review

Ethics approval obtained	Approval date	Contact name	Contact email	Contact phone
Hotel Dieu de France	02/05/2017	Sami Richa	cue@usj.edu.lb	961421229
Bellevue Medical Center	21/08/2017	Ghassan Maalouf	Gmaalouf@bmc.com.lb	961 (0) 1 682666 ext 5006
Hammoud Hospital University Medical Center	02/05/2017	Ahmad Zaatari	zaatari@hammoudhospital.com	961 (0) 7 723111 ext 1160



## Countries of Recruitment

Name
Lebanon
Argentina
Austria
Belgium
Bulgaria
Canada
Jordan
Oman
Saudi Arabia
Spain
United Kingdom
United States of America

## Health Conditions or Problems Studied

Condition	Code	Keyword
Advanced Breast Cancer	Breast, unspecified (C50.9)	Breast Cancer

## Interventions

Intervention	Description	Keyword
> Hematology tests: WBC, ANC, lymphocyte, hemoglobin, platelets (as clinically indicated), Chemistry tests: Alkaline phosphatase, ALT (SGPT), AST (SGOT), calcium corrected for serum albumin, creatinine or creatinine clearance, potassium, sodium, magnesium, direct bilirubin, total bilirubin (as clinically indicated), ECG	Lab tests , ECG , Radiology assessment	Lab tests , Radiology , ECG

## Primary Outcomes

Name	Time Points	Measure
The number of participants with adverse events as a measure of safety and tolerability	PFS	Progression free survival



## Key Secondary Outcomes

Name	Time Points	Measure
Time-to-Progression (TTP), Overall response rate (ORR), , Clinical Benefit Rate (CBR)	PFS	Progression free survival

## Trial Results

Summary results

Study results globally

Date of posting of results summaries

Date of first journal publication of results

Results URL link

Baseline characteristics

Participant flow

Adverse events

Outcome measures

URL to protocol files