

ASTRAZENECA PLC  
Form 6-K  
March 01, 2019

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

Report of Foreign Issuer

Pursuant to Rule 13a-16 or 15d-16 of  
the Securities Exchange Act of 1934

For the month of March 2019

Commission File Number: 001-11960

AstraZeneca PLC

1 Francis Crick Avenue  
Cambridge Biomedical Campus  
Cambridge CB2 0AA  
United Kingdom

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Form 20-F  Form 40-F

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Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If "Yes" is marked, indicate below the file number assigned to the Registrant in connection with Rule 12g3-2(b):  
82- \_\_\_\_\_

AstraZeneca PLC

INDEX TO EXHIBITS

1. Lynparza receives positive EU CHMP opinion

1 March 2019 13:45 GMT

Lynparza receives positive EU CHMP opinion for use in germline BRCA-mutated HER2-negative advanced breast cancer

AstraZeneca and MSD, Inc., Kenilworth, NJ, US (MSD: known as Merck & Co., Inc. inside the US and Canada) today announced that the Committee for Medicinal Products for Human Use (CHMP) of the European Medicines Agency has adopted a positive opinion, recommending the use of Lynparza (olaparib) tablets as monotherapy for the treatment of adult patients with germline BRCA1/2-mutations, who have human epidermal growth factor receptor 2 (HER2)-negative locally advanced or metastatic breast cancer.

Patients should have previously been treated with an anthracycline and a taxane in the (neo)adjuvant or metastatic setting unless patients were not suitable for these treatments. Patients with hormone receptor (HR)-positive breast cancer should also have progressed on or after prior endocrine therapy, or be considered unsuitable for endocrine therapy.

Dave Fredrickson, Executive Vice President, Oncology, said: "Despite progress in treating patients with advanced breast cancer, there remains a significant unmet need for new treatment options. If approved, Lynparza will provide these patients with both a targeted and oral chemotherapy-free option. We now have evidence supporting the potential use of Lynparza in patients with BRCA-mutated breast, ovarian and pancreatic cancers, which demonstrates our ongoing commitment to improving patient outcomes in difficult-to-treat cancers."

Roy Baynes, Senior Vice President and Head of Global Clinical Development, Chief Medical Officer, Merck Research Laboratories, said: "The positive opinion from CHMP for Lynparza in this patient population is an important milestone. This decision brings us one step closer to offering a new treatment option to patients with advanced breast cancer and further underscores the critical need to identify patients' BRCA status, in addition to hormone receptor and HER2 expression status, as part of the management of this disease."

The positive opinion is based on data from the randomised, open-label, Phase III OlympiAD trial, which tested Lynparza against the physician's choice of chemotherapy.

Lynparza is currently approved in over 60 countries including those in the EU for the maintenance treatment of platinum-sensitive relapsed ovarian cancer regardless of BRCA status. It is approved in the US for 1st-line maintenance therapy in BRCAm advanced ovarian cancer following response to platinum-based chemotherapy. It is also approved in several countries, including the US and Japan, for germline BRCAm HER2-negative metastatic breast cancer previously treated with chemotherapy; regulatory reviews are underway in other jurisdictions.

#### About OlympiAD

OlympiAD was a global, randomised, open-label, multi-centre Phase III trial of 302 patients, assessing the efficacy and safety of Lynparza tablets (300mg twice daily) compared to the physician's choice of chemotherapy (capecitabine, eribulin or vinorelbine); 205 patients were randomised to receive Lynparza and 97 patients were randomised to receive chemotherapy.

Patients in the OlympiAD trial had germline BRCA1 and/or BRCA2-mutated, HER2-negative (HR-positive or triple negative) breast cancer and received Lynparza for treatment in the metastatic setting. Prior to enrolment, all patients were treated with an anthracycline (unless it was contraindicated) and a taxane chemotherapy in the neoadjuvant, adjuvant or metastatic setting. Patients with metastatic breast cancer (71% of patients) had received no more than two previous chemotherapy treatments for metastatic disease. Patients with HR-positive breast cancer had received at least one endocrine (hormonal) therapy (in the adjuvant or metastatic setting) and had disease progression during therapy, unless they had disease for which endocrine therapy was considered inappropriate. Previous treatment with platinum chemotherapy in the neoadjuvant, adjuvant or metastatic setting was allowed (28% of patients).

In the trial, Lynparza provided patients with a significant median progression-free survival improvement of 2.8 months (7.0 months for Lynparza vs. 4.2 months for chemotherapy). Patients taking Lynparza experienced an objective response rate (ORR) of 59.9%, which was double the response rate for those in the chemotherapy arm (ORR 29%). Data from the OlympiAD trial can be found in the 10 August 2017 issue of the New England Journal of Medicine.

The most common adverse reactions ( $\geq 20\%$ ) in the OlympiAD trial of patients who received Lynparza were nausea (58%), anaemia (40%), fatigue (including asthenia) (37%), vomiting (30%), neutropenia (27%), respiratory tract infection (27%), leukopenia (25%), diarrhoea (21%), and headache (20%). The percentage of patients who discontinued treatment in the Lynparza arm was 5% vs. 8% in the chemotherapy arm.

#### About advanced breast cancer

Advanced/metastatic breast cancer refers to Stage III and IV breast cancer. Stage III disease may also be referred to as locally-advanced breast cancer, while metastatic disease is the most-advanced stage of breast cancer (Stage IV) and occurs when cancer cells have spread beyond the initial tumour site to other organs of the body outside the breast. Since there is no cure for the disease, the goal of current treatment is to delay disease worsening or death.

In 2018, there were an estimated 2.1 million new cases of breast cancer worldwide - one in four cancer cases among women (24.2%). In Europe the estimated 5-year prevalence of breast cancer in 2018 was 2,054,887 cases.<sup>1</sup> Approximately 30% of women who are diagnosed with early breast cancer will go on to develop advanced disease.

#### About BRCA mutations

Breast cancer susceptibility gene 1/2 (BRCA1 and BRCA2) are human genes that produce proteins responsible for repairing damaged DNA and play an important role maintaining the genetic stability of cells. When either of these genes is mutated, or altered, such that its protein product either is not made or does not function correctly, DNA damage may not be repaired properly, and cells become unstable. As a result, cells are more likely to develop additional genetic alterations that can lead to cancer.

#### About Lynparza

Lynparza (olaparib) is a first-in-class PARP inhibitor and the first targeted treatment to block DNA damage response in cells/tumours harbouring a deficiency in homologous recombination repair (HRR), such as mutations in BRCA1 and/or BRCA2. Inhibition of PARP with Lynparza leads to the trapping of PARP bound to DNA single-strand breaks, stalling of replication forks, their collapse and the generation of DNA double-strand breaks and cancer cell death. Lynparza is being tested in a range of tumour types with defects and dependencies in the DDR.

Lynparza, which is being jointly developed and commercialised by AstraZeneca and MSD, is approved for multiple indications in advanced ovarian cancer and metastatic breast cancer and has been used in over 20,000 patients worldwide. On 26 February 2019, AstraZeneca and MSD announced that Lynparza became the first PARP inhibitor to demonstrate benefit in germline BRCAm metastatic pancreatic cancer in the Phase III POLO trial.

Lynparza has the broadest and most advanced clinical trial development programme of any PARP inhibitor, and AstraZeneca and MSD are working together to understand how it may affect multiple PARP-dependent tumours as a monotherapy and in combination across multiple cancer types. Lynparza is the foundation of AstraZeneca's industry-leading portfolio of potential new medicines targeting DDR mechanisms in cancer cells.

#### About the AstraZeneca and MSD strategic oncology collaboration

In July 2017, AstraZeneca and Merck & Co., Inc., Kenilworth, NJ, US, known as MSD outside the United States and Canada, announced a global strategic oncology collaboration to co-develop and co-commercialise Lynparza, the world's first PARP inhibitor and potential new medicine selumetinib, a MEK inhibitor, for multiple cancer types. Working together, the companies will develop Lynparza and selumetinib in combination with other potential new medicines and as a monotherapy. Independently, the companies will develop Lynparza and selumetinib in combination with their respective PD-L1 and PD-1 medicines.

#### About AstraZeneca in Oncology

AstraZeneca has a deep-rooted heritage in Oncology and offers a quickly-growing portfolio of new medicines that has the potential to transform patients' lives and the Company's future. With at least six new medicines to be launched between 2014 and 2020 and a broad pipeline of small molecules and biologics in development, we are committed to advance Oncology as one of AstraZeneca's four Growth Platforms focused on lung, ovarian, breast and blood cancers. In addition to our core capabilities, we actively pursue innovative partnerships and investments that accelerate the delivery of our strategy as illustrated by our investment in Acerta Pharma in haematology.

By harnessing the power of four scientific platforms - Immuno-Oncology, Tumour Drivers and Resistance, DNA Damage Response and Antibody Drug Conjugates - and by championing the development of personalised combinations, AstraZeneca has the vision to redefine cancer treatment and one day eliminate cancer as a cause of death.

#### About AstraZeneca

AstraZeneca is a global, science-led biopharmaceutical company that focuses on the discovery, development and commercialisation of prescription medicines, primarily for the treatment of diseases in three therapy areas - Oncology, Cardiovascular, Renal & Metabolism and Respiratory. AstraZeneca operates in over 100 countries and its innovative medicines are used by millions of patients worldwide. For more information, please visit [astrazeneca.com](http://astrazeneca.com) and follow us on Twitter @AstraZeneca.

#### Media

##### Relations

Gonzalo Viña	UK/Global	+44 203 749 5916
Rob Skelding	UK/Global	+44 203 749 5821
Matt Kent	UK/Global	+44 203 749 5906
Jennifer Hursit	UK/Global	+44 203 749 5762
Christina Malmberg	Sweden	+46 8 552 53 106
Hägerstrand	US	+1 302 885 2677

Michele  
Meixell

Investor  
Relations

Thomas

Kudsk +44 203 749 5712

Larsen

Henry Oncology +44 203 749 5797

Wheeler

Christer BioPharma - Cardiovascular; Metabolism +44 203 749 5711

Gruvris

Nick Stone BioPharma - Respiratory; Renal +44 203 749 5716

Josie

Afolabi Other +44 203 749 5631

Craig Marks Finance; Fixed Income +44 7881 615 764

Jennifer

Kretzmann Retail Investors; Corporate Access +44 203 749 5824

US toll-free

+1 866 381 72 77

Adrian Kemp  
Company Secretary  
AstraZeneca PLC

#### References

1 International Agency for Research on Cancer. Breast-fact-sheet. Available at <http://gco.iarc.fr/today/data/factsheets/cancers/20-Breast-fact-sheet.pdf>  
Last accessed February 2019

#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

AstraZeneca PLC

Date: 01 March 2019

By: /s/ Adrian Kemp  
Name: Adrian Kemp  
Title: Company Secretary

