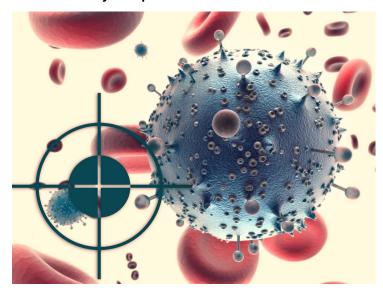


## AstraZeneca collaborates with Myriad Genetics for cancer therapy

05 January 2018 | News

myChoice HRD Plus is a comprehensive homologous recombination deficiency test for the detection of loss of a tumour's ability to repair breaks in double-stranded DNA.



AstraZeneca is working in collaboration with the molecular diagnostics firm Myriad Genetics' for its test myChoice HRD Plus to identify advanced ovarian cancer patients who might benefit from maintenance treatment using Lynparza (olaparib) and Avastin (bevacizumab).

The new deal is part of an ongoing collaboration formed by the firm with AstraZeneca in 2007 for the development of a companion diagnostic test to detect individuals for treatment with olaparib.

myChoice HRD Plus is a comprehensive homologous recombination deficiency test for the detection of loss of a tumour's ability to repair breaks in double-stranded DNA. The test includes loss of heterozygosity, telomeric allelic imbalance and large-scale state transition technologies, along with 90 additional genes and molecular markers.

Myriad will use the myChoice HRD Plus test to assess patients in an ongoing Phase III trial and identify participants with homologous recombination deficiencies (HRD).

Lynparza (olaparib) is an oral poly ADP-ribose polymerase (PARP) inhibitor formulated to exploit tumour DNA damage response (DDR) pathway deficiencies to destroy cancer cells. The drug is being co-developed and co-commercialised by AstraZeneca and Merck under a global strategic oncology alliance signed in July last year.