# An open-label Phase I/IIa study to evaluate the safety and efficacy of CCS1477 as monotherapy and in combination in patients with advanced solid/metastatic tumours

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in partnership with The ROYAL MARSDEN **NHS Foundation Trust** 



The Newcastle upon Tyne Hospitals **NHS NHS Foundation Trust** 





Part C2: Combination CCS1477/ abiraterone

**Dose Expansion mCRPC** 

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CCS1477 RP2D-C<sub>enz</sub> in combination with enzalutamide

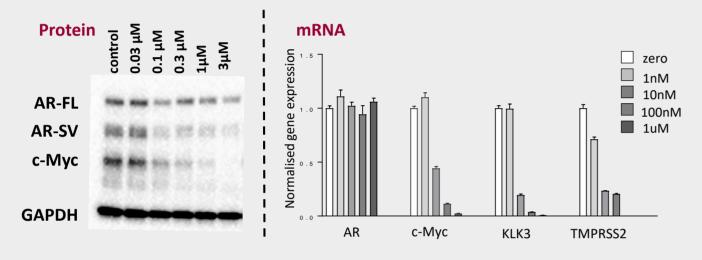
• CCS1477 RP2D-C<sub>abi</sub> in combination with abiraterone

• 25 patients

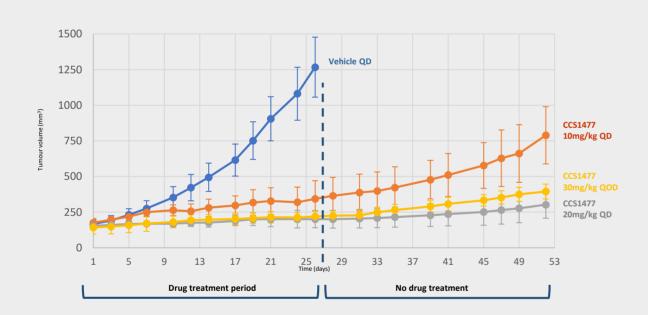
• 25 patients

# **Background**

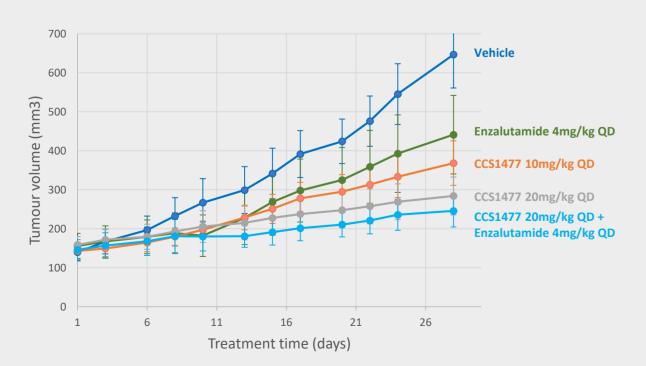
- CCS1477 is a potent, selective and orally bioavailable inhibitor of the bromodomain of p300 and CBP
- CCS1477 inhibits the expression and function of AR-FL, AR-SV and c-Myc



 CCS1477 monotherapy causes complete tumour stasis in a 22Rv1 xenograft model of CRPC, with continued tumour growth block following drug withdrawal



 CCS1477 combines with enzalutamide to inhibit tumour growth in a bicalutamide resistant LNCaP xenograft model



 CCS1477 represents a new therapeutic option for prostate cancer patients who have progressed after failure of, or in combination with, anti-androgens such as enzalutamide or abiraterone





- Single patient cohorts until related ≥CTCAE Grade 2 toxicity
- Cohorts of 3-6 patients until MTD/RP2D-M
- Different dose schedules may be evaluated if required

# Part B: Monotherapy CCS1477 Dose expansion mCRPC • CCS1477 RP2D- M dose and schedule from Part A • 25 patients

#### Part C1: Combination CCS1477/ abiraterone Dose Finding mCRPC

CCS1477 in combination with abiraterone Starting dose will be MTD/RP2D-M from Part A Different dose/schedules may be evaluated if required

#### Part D1: Combination CCS1477/ enzalutamide Part D2: Combination CCS1477/ enzalutamide **Dose Finding mCRPC**

- CCS1477 in combination with enzalutamide
- Starting dose will be MTD/RP2D-M from Part A Different dose/schedules may be evaluated if required

# Part E: Monotherapy CCS1477 Dose expansion in patients with a p300/CBP

- CCS1477 RP2D-M dose and schedule from Part A Advanced solid tumours with confirmed p300/CBP mutation
- 25 patients

#### Primary objective

• Investigate the safety and tolerability of CCS1477 as monotherapy and in combination with abiraterone or enzalutamide

### Secondary objectives

- Obtain a preliminary assessment of the anti-tumour activity of CCS1477 as monotherapy and in combination with abiraterone or enzalutamide in patients with mCRPC by measurement of changes in PSA, CTCs, RECIST and metastatic bone disease status
- Characterise the PK of CCS1477, following a single dose and at steady state after multiple dosing, when given as a single agent or in combination
- Characterise the PK of abiraterone and enzalutamide when dosed in combination with CCS1477
- · Obtain a preliminary assessment of the anti-tumour activity of CCS1477 in patients with advanced solid tumours with a confirmed mutation in p300 or CBP

#### **Patient criteria**

#### For patients with mCRPC

- Previous treatment with abiratrone and/or enzalutamide and a taxane (unless ineligible or refused)
- Evidence of disease progression (PCWG-3 guidelines)
- For parts C&D, patients whose last dose of abiraterone or enzalutamide is >6 months prior to start of study will receive a 4-wk run-in treatment to confirm refractoriness to treatment

#### For patients with a solid tumour p300/CBP mutation

- · Histological or cytological confirmation of malignancy that is advanced and not considered to be appropriate for further approved/standard of care treatment
- Advanced solid tumour with a confirmed mutation in p300 or CBP

## **Status**

- Cohort 1 and 2 of dose-escalation (rolling 6 design; 3-6 patients/cohort) has completed
- Currently recruiting to Cohort 3

