

on-  
line

# 令和4年度 第3回 応用動物科学セミナー

## Repurposing Drugs to Optimise the Treatment of Prostate Cancer

Dr. Claire Perks

Associate Professor in Tumour Cell Biology,  
Bristol Medical School, University of Bristol,  
Southmead Hospital, Bristol, UK

● 6月23日 (木) 17:00 ~

Zoom で開催 **要 事前登録**

登録はこちら



● 本セミナーは動物科学のフロンティア (修士課程) /  
動物科学フロンティア (博士課程) の講義  
1回分としても認定されます。履修者は、  
セミナーの内容についてレポートを作成  
の上 (様式は自由) セミナー終了後2週間  
以内に下記担当教員まで提出すること。

● 問い合わせ / レポート提出先:  
応用動物科学専攻 動物細胞制御学研究室  
高橋 伸一郎 教授

☎ 03-5841-8152

✉ atkshin@g.ecc.u-tokyo.ac.jp



Despite all efforts, prostate cancer remains the second most common cancer worldwide. Whilst surgery, radiotherapy, androgen deprivation therapy and chemotherapy have led to improvements in prostate cancer treatment and survival benefits for patients, their effectiveness can be limited by toxicity and drug resistance. Cancer treatment is expensive, the success rate of which is low. The use of repurposed drugs in clinical trials is cheaper and they can rapidly be progressed into phase II and III trials, and this is associated with a significant reduction in cost. Therapeutic options for advanced and hormone-refractory prostate cancer are limited and treatment responses often poor with resistance being a common problem. The challenge of identifying new alternatives could perhaps be overcome through drug repurposing.