First patient treated with new extended dosing of OVM-200 cancer vaccine

Extended dosing of OVM-200, Oxford Vacmedix's lead cancer vaccine, has been approved by the MHRA for use in the ongoing Phase 1 clinical trial

Oxford, UK – 20th February 2025

Oxford Vacmedix (OVM) announced today the first patient being treated with new extended dosing of OVM-200, at the prestigious Sarah Cannon Research Institute in London. The extended dosing protocol was first suggested by the clinical investigators in the trial, following the excellent safety record seen in Phase 1a. The new regime will allow up to 11 vaccinations of OVM-200 over a six-month period and has been approved by the UK Medicines and Healthcare products Regulatory Agency (MHRA). OVM-200 is a new therapeutic cancer vaccine developed using OVM's novel recombinant overlapping peptide (ROP) platform. It targets survivin, a protein overexpressed by cancer cells, which prevents them being attacked by the body's immune system.

The Phase I trial of OVM-200 is focused on safety and on establishing an immune response in patients with three tumour types – non small cell lung cancer (NSCLC), prostate cancer and ovarian cancer. It is being run at four sites in the UK including the Sarah Cannon Institute and University College Hospital (UCH) in London, the Churchill hospital of the Oxford University Hospitals Foundation Trust (OUHFT) and the Christie NHS Foundation Trust in Manchester. The first part of the trial, Phase 1a, has been completed and has shown both excellent safety and a strong immune response. The Chief Investigator for the trial is Professor Martin Forster, based at UCH. This trial is both the first time OVM-200 has been used in people and also the first time any ROP-based vaccine has been tested in the clinic.

William Finch, CEO of Oxford Vacmedix, said:
"The ROP technology has been developed from an initial concept in the laboratory to now being tested as a treatment for critically ill patients. We see the potential benefits of a vaccination approach both in stimulating the body's immune system to attack the cancer and also, in future trials, enhancing the efficacy of other immune oncology agents. This Phase I trial is a first step towards having effective cancer vaccines."

Dr Anja Williams Principal Investigator at the Sarah Cannon Research Institute UK, added:
"It is a privilege to work with Oxford Vacmedix on this innovative vaccine programme for patients with lung, prostate, and ovarian cancer. We are very pleased with the results to date and strongly believe that vaccine treatments will play a major role in future cancer treatments. Extending the dosing will maximise the potential benefits of the vaccine."

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Notes to Editor

About Oxford Vacmedix

Oxford Vacmedix UK Ltd, based at the Oxford Science Park, UK, is a bio-pharma company that was spun out from the University of Oxford's Department of Oncology and is utilising the novel proprietary platform technology of recombinant overlapping peptides (ROPs) invented by Professor Shisong Jiang. ROPs have been validated as a technology to stimulate broad and strong T cell immunity therefore forming a good platform for therapeutic vaccines and diagnostics in cancer and infectious diseases.

The technology uses the novel, proprietary platform of ROPs to design and develop therapeutic cancer vaccines and diagnostics with the potential for increased efficacy, lower costs, simpler regulatory pathways and synergy when used in combination with other immune oncology (IO) agents. The company has extensive contacts and collaborations in China through Changzhou Bioscience Group (CBIG) that is using the ROP platform for diagnostics in both cancer and in infectious diseases.

OVM is developing two lead vaccines, OVM-100 and OVM-200, focusing on unmet clinical need. OVM-100 is an HPV vaccine targeted at head and neck and cervical cancer, and OVM-200 represents a new type of vaccine utilising survivin to target solid tumours. Both vaccines will be tested as single agents and in combination with IO agents.

OVM has recently secured the lead investment in Series B from Dx&Vx, a leading South Korean Pharma company listed on KOSDAQ, and from existing shareholders in China. The company is currently seeking further Series B funding to advance OVM-200 to Phase 2 and OVM-100 into Phase 1 trials, as monotherapy and also in combination.

For more information: http://www.oxfordvacmedix.com

About Sarah Cannon Research Institute UK

Sarah Cannon Research Institute (SCRI) is a world-leading clinical trials facility specialising in the development of new therapies and precision medicine for cancer patients. SCRI believes that participation in a clinical trial is the first step in fighting cancer, not the last. As the research arm of HCA's global cancer institute, SCRI is the first UK trials unit outside of the NHS that has the ability to offer new anti-cancer drugs in clinical trials. Eligible patients choosing to take part in a study may receive innovative treatment and play an essential role in helping to improve future cancer care. By bringing together the best medical minds with the most passionate caregivers, SCRI is transforming care and personalising treatment. Through clinical excellence and world-leading research, Sarah Cannon is redefining cancer treatment around the world.

For more information: https://www.hcahealthcare.co.uk/locations/specialist-centres/sarah-cannon-research-institute