



Australian Government

Department of Health and Aged Care
Office of the Gene Technology Regulator

Invitation to comment on a trial of fermentation and processing of recombinant proteins using genetically modified yeast

The Gene Technology Regulator is assessing an application from Cauldron Molecules Pty Ltd to optimise the fermentation process and characterise GM yeast (*Pichia pastoris*) used to produce recombinant animal proteins (bovine milk, chicken egg and silk fibre) from a non-animal source. The protein production process is proposed to take place at a facility in Borenore (Cabonne Shire Council), New South Wales over five years. The GM yeast grown in this process would not be used for human food and only inactivated yeast may be used in animal feed preparations or as a soil conditioner.

The Regulator has prepared a Risk Assessment and Risk Management Plan (RARMP) for this application and welcomes written submissions relating to the protection of human health and safety and the environment prior to making a decision on whether to issue the licence. The consultation RARMP and related information can be obtained via our website (search for [DIR 200](#)), or from the contacts below. Submissions should reference DIR 200 and be received by **22 December 2023**.

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