

5 August 2025

**Fusion Antibodies plc**  
("Fusion" or the "Company")

**Grant of U.S. Patent for OptiMAL®**

Fusion Antibodies plc (AIM: FAB), specialists in pre-clinical antibody discovery, engineering and supply for both therapeutic drug and diagnostic applications, is pleased to announce that the Company's patent application no. 17/287,441 (the "Patent") has been granted by the United States Patent and Trademark Office (the "U.S. Patent Office"). The grant of the Patent follows the receipt of a notice of allowance in respect of the Patent from the U.S. Patent Office, details of which were announced by the Company on 22 May 2025.

To view the supporting video by CEO Adrian Kinkaid and ask questions, please go to the Fusion investor hub: <https://investorhub.fusionantibodies.com/link/8r6bdr>

The Patent entitled "Antibody Library and Method", concerns the library of antibodies that is currently screened within Fusion's OptiMAL® platform, as well as the method for the design of additional libraries. This is key to Fusion's offering to provide "Opti" designed libraries for a range of applications including Antibody Discovery, Affinity Maturation, and Sequence Optimisation.

The Company is also progressing patent applications in respect of the OptiMAL® Library in several other territories worldwide including Europe, China and Japan.

Having secured the US patent, the Company is now targeting a scientific presentation at the Antibody Engineering and Therapeutics conference in San Diego in December 2025 and working toward a commercial launch of OptiMAL® at this event.

**Richard Buick, CSO of Fusion, said:** "I am really pleased that the U.S. Patent Office has granted the OptiMAL® Library patent application. This confirms our unique approach to antibody library design and protects Fusion's OptiMAL® antibody library for years to come."

**Adrian Kinkaid, CEO of Fusion, said:** "This good news arrives at an almost perfect point in time as we confirm the desired binding properties of antibodies discovered using OptiMAL® and as we prepare for the formal commercial launch of the service."

**Enquiries:**

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**Investor Hub**

We encourage all investors to share questions on this announcement via our investor hub  
<https://investorhub.fusionantibodies.com/link/rJaa9e>

**About Fusion Antibodies plc**

Fusion is a Belfast based contract research organisation ("CRO") providing a range of antibody engineering services for the development of antibodies for both therapeutic drug and diagnostic applications.

The Company's ordinary shares were admitted to trading on AIM on 18 December 2017. Fusion provides a broad range of services in antibody generation, development, production, characterisation and optimisation. These services include antigen expression, antibody production, purification and sequencing, antibody humanisation using Fusion's proprietary CDRx™ platform and the production of antibody generating stable cell lines to provide material for use in clinical trials. Since 2012, the Company has successfully sequenced and/or expressed over 750 antibodies and successfully completed over 250 humanisation projects and has an international, blue-chip client base, which has included eight of the top 10 global pharmaceutical companies by revenue.

The Company was established in 2001 as a spin out from Queen's University Belfast. The Company's mission is to enable pharmaceutical and diagnostic companies to develop innovative products in a timely and cost-effective manner for the benefit of the global healthcare industry. Fusion Antibodies provides a broad range of services in antibody generation, development, production, characterisation and optimisation.

Fusion Antibodies growth strategy is based on combining the latest technological advances with cutting edge science to deliver new platforms that will enable Pharma and Biotech companies get to the clinic faster, with the optimal drug candidate and ultimately speed up the drug development process.

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