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Cronin Group PLC
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**Cronin Group Plc
("Cronin Group")**

Publication of Scientific Paper

Publication in PNAS reports results using methodologies covered by Cronin Group's Evolution patent for discovering new formulations

Cronin Group Plc (the "Company"), the AIM listed company focusing on digitizing chemistry, announces that its scientific founder and Non-Executive Director, Professor Lee Cronin, has published favourable results using methodologies covered by Cronin Group's patent US9757706, Methods of evolutionary synthesis including embodied chemical syntheses. The paper entitled "Artificial intelligence exploration of unstable protocells leads to predictable properties and discovery of collective behaviour" is published today in the peer reviewed National Academy of Sciences ("PNAS").

Utilising more than 7,000 experiments collected using an autonomous robotic platform, the authors illustrate how smart automation can help with exploration, optimisation, and discovery of new behaviours, but is also core to developing a fundamental understanding of such systems.

Professor Lee Cronin, Non-Executive Director of Cronin Group, commented "This paper demonstrates that evolutionary algorithms tied to robotic systems can be used to improve the manufacture formulations and the use of Artificial Intelligence can predict how to make them de novo."

The link for full manuscript of "Artificial intelligence exploration of unstable protocells leads to predictable properties and discovery of collective behaviour" can be found in the link for publications here: <http://www.pnas.org/content/early/recent>.

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