

#### Stock Data

Share Price:	2.02p
Market Cap:	19.8m
Shares in issue:	977.97m

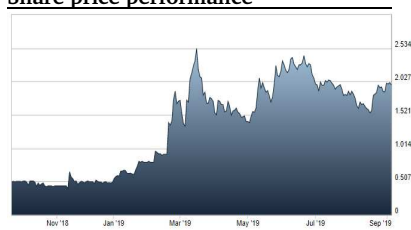
#### Company Profile

Sector:	Healthcare
Ticker:	SKIN
Exchange:	AIM

#### Activities

Vertically integrated test services company focused on developing and commercialising technology and products that scientifically prove the impact of skin care product claims for healthcare, life sciences, clinical research, pharmaceutical and cosmetics industries.

#### Share price performance



Source: LSE

**Past performance is not an indication of future performance.**

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## Integumen plc

**In conjunction with the company's attendance at the Microbiome AI Conference currently taking place in San Diego, California, Integumen has announced that its Labskin business has achieved the successful multiple cloning of human volunteers. This is a highly significant breakthrough for the company as it enables multiple skincare products to be tested simultaneously on the same subject without the attendance of the original human volunteer. This development is likely to reduce substantially product development time and clinical errors as well as lowering recruitment, supervision and testing costs for subsequent product testing programmes.**

Integumen is presenting the results of a new breakthrough Labskin cloning study at the Microbiome AI conference in San Diego on 5 September 2019. The company reports that its Labskin scientists cloned 16 swabs of skin from the cheeks of healthy volunteers into 54 Labskin test subjects to enable sequencing of microbial DNA for the identification and quantification of the bacterial microbiome isolated and pooled together.

The live bacteria, virus and fungi, collectively termed microbiota, was subsequently sustained on all 54 test subjects for a period of up to 14 days in Labskin's UK-based laboratories in York. During the testing programme the company's LabskinAI virtual model also aggregated and analysed the bacterial microbiome data extracted from each sample and provided test results within a range of +/-10% of the human volunteers' control skin from which it was initially cloned. This data was obtained after eliminating false or anomalous readings.

Integumen concludes that the results of this study demonstrate Labskin's ability to test multiple products on the cloned human skin microbiome, which is as close to the original skin microbiome of the human test subject without the need for the original human volunteer following initial cloning. This allows several skincare products or topical drug samples to be tested in parallel on the same subject with the effect of reducing development time, the likelihood of clinical error and also clinical trial supervision costs.

**We believe that this represents a major milestone for Integumen. The successful cloning and sustaining of the skin microbiome of human volunteers is expected to de-risk much of the topical drug and skincare product development cycle for Labskin's clients as lead times can be shortened and costs reduced significantly. In addition, the application of LabskinAI to identify and quantify the entire microbial DNA from the test subjects also supports Labskin's commercial strategy to advance the development of its 'software as a service' business model and deliver considerably higher margins to the group.**

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