

#### Stock Data

Share Price: 1.81p  
Market Cap: 17.7m  
Shares in issue: 977.97m

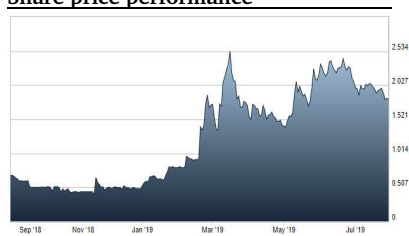
#### Company Profile

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

Integumen has expanded its wound care business, LifeScienceHub Ltd (Wound pHase), through the extension of its technology licensing agreement with Cellulac plc, a company in which Integumen holds a 9.35% interest. This new remit will include the refinement of medical grade cannabidiol (CBD) derived from hemp for the development of CBD-infused wound dressings. This enhanced agreement will be in collaboration with the Department of Chemical Sciences at the University of Limerick and the Irish government supported body; the Research Centre for Resource Efficiency (tcbb RRSOURCE).

CBD is believed to be linked to pain relief in that the human body already makes its own version of CBD compounds which operate like neurotransmitters, switching nerves on and off. Researchers at the University of Maryland specialising in cannabinoids have suggested that CBD, in this case infused in wound dressings, could switch off the electrical pulses associated with pain in the human body by tweaking the amount of calcium that can get inside the body's nerves.

Integumen's core business Labskin has already tested hemp-derived CBD in its cosmetics brand STOER For Men demonstrating the anti-microbial and anti-inflammatory characteristics effects of CBD within skincare products. Integumen is also testing CBD infused feminine hygiene products at its Labskin facility in York.

Wound pHase has an extensive IP portfolio for chronic wound dressings that notifies the patient or care giver as the stage of wound healing without the need to remove the dressing and expose the wound to external bacteria. Integumen believes that the addition of CBD to the wound dressing could contribute to faster wound recovery as a function of its anti-inflammatory and pain relief properties.

Integumen's expanded division will utilise Labskin's CBD testing expertise and participate with the University of Limerick and Epitheal Limited Ireland through Interreg North-West Europe, an EU-funded programme that fosters regional economic collaboration. The partners will use Cellulac's new SoniqueFlo enzyme and engineering installation at tcbb RESOURCES's facilities located in Thurles, Ireland. The primary activity of the collaboration will focus on the processing and refining of medical grade CBD to create private label CBD-infused chronic wound and burn dressings, a market estimated to be worth over US\$25 billion p.a. in the US alone.

In conjunction with Cellulac, Integumen's Labskin and Wound pHase divisions are collaborating with the University of Limerick's Chemical Sciences Department to use its laboratory facilities to test and optimise the yield of selected product from CBD feedstock. Dermatology company Epitheal's involvement will focus on researching and developing the effect of natural compounds such as CBD to promote healthy skin. In addition, the partnership is supported by tcbb RESOURCE, a not-for-profit organisation that can act as a test bed for bio-innovation, development and scale up of new technologies.

**Integumen is leveraging management experience of building extensive production, sales and distribution channels in over 40 countries during its tenure with Alltracel Pharmaceutical plc in the early 2000s. With Labskin gaining significant momentum in the current year, Integumen can now increase its focus on its WoundPhase division which has the potential to develop into a significant white label offering to major players in the large and growing global wound care market.**

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