

FDA ROUNDUP



FDA APPROVES SCIBASE'S NEVISENSE FOR MELANOMA DETECTION

The FDA has cleared the SciBase Nevisense device for the early detection of malignant melanoma. The device is intended for use on cutaneous lesions with one or more clinical or historical characteristics of melanoma, when a dermatologist chooses to obtain additional information when considering a biopsy.

"The approval is a massive achievement and the result of eight years of hard work. The US Pre-Market Approval process is globally the most demanding regulatory process there is. As part of the Nevisense approval process SciBase were asked to perform the largest clinical trial of its kind ever performed within melanoma detection. The FDA also spent nearly a year reviewing SciBase's operations and processes. The approval is thereby a validation of us as a company as well as of our product Nevisense. Most employees in the company have been working directly or indirectly on the Approval for many years, and this really is a remarkable and nearly unique achievement given the size of our company," says Simon Grant, CEO of SciBase.

With this approval, SciBase plans to accelerate activities in preparation for the US introduction. The company has been doing groundwork for some time and will present the strategy for the US introduction after summer.

WONTECH'S PICO LASER GETS FDA NOD

The FDA cleared Wontech's picosecond laser device for tattoo removal.

PicoCare removes tattoos in various colors in less time with 1064nm, 532nm, 595nm, and 660nm wavelengths and selectively removes pigment particles to minimize damage to skin tissue.

Wontech's PicoCare has received CE MDD of Europe and KFDA of Korea MFDS (Ministry of Food and Drug Safety) as well.

In addition to PicoCare, other Wontech products with FDA clearance include Pastelle, a Q-switched Nd:YAG laser, and Cosjet SR, a long pulsed Nd:YAG laser.

FDA APPROVES NEW ANTIBIOTIC FOR SKIN INFECTIONS

The FDA has approved Melinta Therapeutics' Baxdela (delafloxacin) for adults for the treatment of acute bacterial skin and skin structure infections (ABSSSI) caused by susceptible bacteria. Baxdela is a fluoroquinolone that exhibits activity against both gram-positive and gram-negative pathogens, including MRSA (methicillin-resistant *Staphylococcus aureus*), and is available in both intravenous (IV) and oral formulations.

The Baxdela New Drug Application (NDA) approvals

were supported by two Phase 3 studies in patients with ABSSSI, demonstrating that IV and oral Baxdela monotherapy was statistically non-inferior to the combination of vancomycin plus aztreonam at the FDA primary endpoint of early clinical response at 48-72 hours. Baxdela was well tolerated with a 0.9% discontinuation rate in the Phase 3 studies due to adverse events. In addition, Baxdela has not shown any potential for QT prolongation or phototoxicity in definitive clinical studies. There have been no signals of adverse effects on liver function, kidney function, or glucose regulation in controlled clinical studies. The 450mg tablet is bioequivalent (area under the curve) to, and interchangeable with the 300mg IV dose, and can be dosed without regard to food. There are no anticipated drug-drug interactions with delafloxacin other than co-administration with chelating agents, such as antacids.

CYNOSURE'S SCULPSURE CLEARED FOR BACK, INNER AND OUTER THIGHS

The FDA granted an expanded clearance for Cynosure's SculpSure to treat the back and inner and outer thighs. The SculpSure treatment is already FDA-cleared for treatment of the abdomen and love handles.

Developed by Cynosure, a division of Hologic, SculpSure utilizes a selective wavelength laser that precisely targets fat cells under the skin. The laser raises the temperature of body fat to disrupt and destroy these cells, which are naturally eliminated over time and do not return. Patients are able to achieve desired results—without downtime or surgery—through customized treatment plans, each lasting only 25 minutes.

ARRAY BIOPHARMA SUBMITS NDAs FOR BINIMETINIB AND ENCORAFENIB IN ADVANCED MELANOMA

Array BioPharma submitted two New Drug Applications (NDAs) to FDA for the use of the combination of binimetinib 45mg twice daily and encorafenib 450mg once daily (COMBO450) for the treatment of patients with BRAF-mutant advanced, unresectable or metastatic melanoma.

Binimetinib is a late-stage small molecule MEK inhibitor and encorafenib is a late-stage small molecule BRAF inhibitor, both of which target key enzymes in the MAPK signaling pathway (RAS-RAF-MEK-ERK). Binimetinib and encorafenib are investigational medicines and are not currently approved in any country.

The NDA submissions are based on data from the pivotal Phase 3 COLUMBUS study, which showed that patients who received binimetinib and encorafenib had a significantly longer progression free survival (PFS) compared to patients receiving vemurafenib. ■