

The PSNY trainers join a growing list of “vegan” alternatives to leather – many of which are made using biologically-derived polymers. Some of the sustainable leather products we have covered include a “leather” made from [waste seafood](#) and coffee grounds and a method for [recycling leather](#) that produces a product that is stronger and softer.

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Takeaway:

According to Schiros, it could be possible to scale up this process for commercial production. She points out that industrial fermentation is already used for many high-value products, from pharmaceuticals to beer, so it makes sense to also use it for clothing. As the lack of sustainability in the fashion industry has received more attention, brands are working to develop new products that eliminate or cut waste. It may not be long before microbes are used to “grow” a wide range of clothing items.