

# 3D Printed Skin

- Loreal is collaborating with University of Oregon to create synthetic skin
- The move to 3D bioprinting is the latest move to make skin models more realistic and customized
- Uses melt electro writing to print fibers that mimic human skin
- Cells are seeded into the fibers to create a bilayered artificial skin
- Used for cosmetic skin testing, medical regenerative procedures
- Difficult to transition from lab models to medical clinical settings
- In the future, scientists will attempt to make “smart” skins that have sensory perception