



CONTIPRO

250 employees (45 % in RnD)

Sales (2016): **23 000 Eur**

1/3 of the world and **2/3** of the european market with
hyaluronic acid



PORTFOLIO

- Active pharmaceutical ingredients
- Anti-ageing active cosmetic ingredients
- Medical devices for wound healing
- Veterinary products
- Nanotechnology devices



4SPIN®

Electrospinning devices

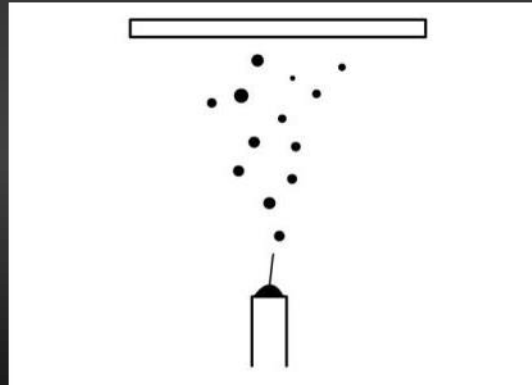
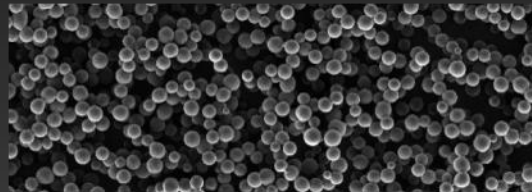
Two sizes for **laboratory** and **semi-industrial**
production - 4SPIN® Lab and 4SPIN® Conti



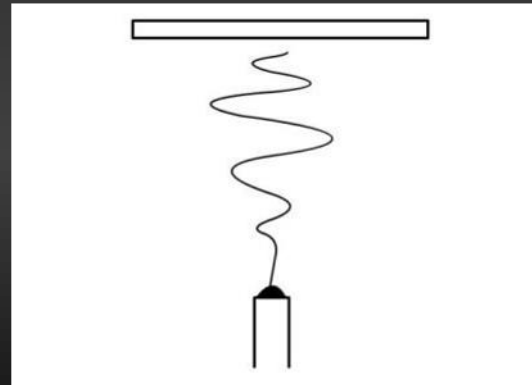
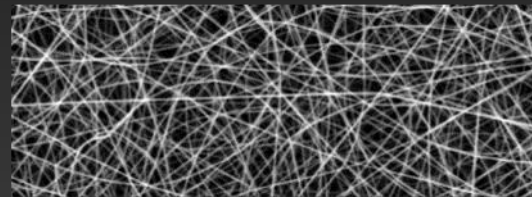
4SPIN[®] CONTI

COMBINATION OF THREE TECHNIQUES

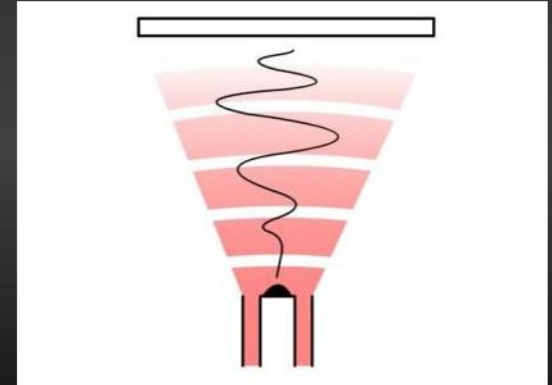
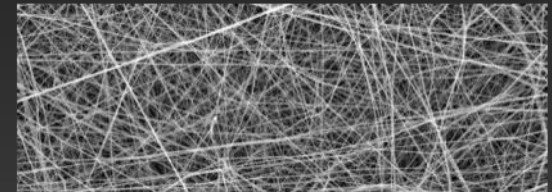
Electrospraying



Electrospinning



Electroblowing



VARIETY OF EMITTERS AND COLLECTORS



VARIETY OF EMITTERS AND COLLECTORS

9 DIFFERENT **EMITTERS**

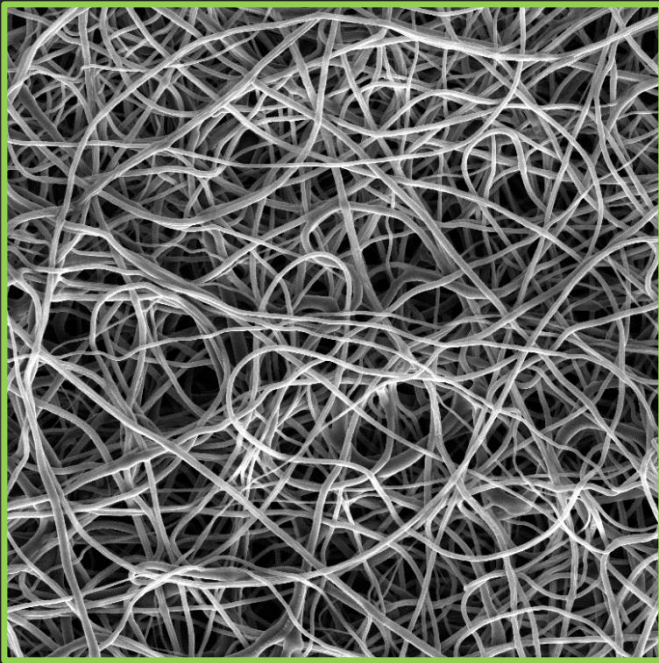
- Needle
- Needleless
- Uni/multicompound
- Core-shell

7 DIFFERENT **COLLECTORS**

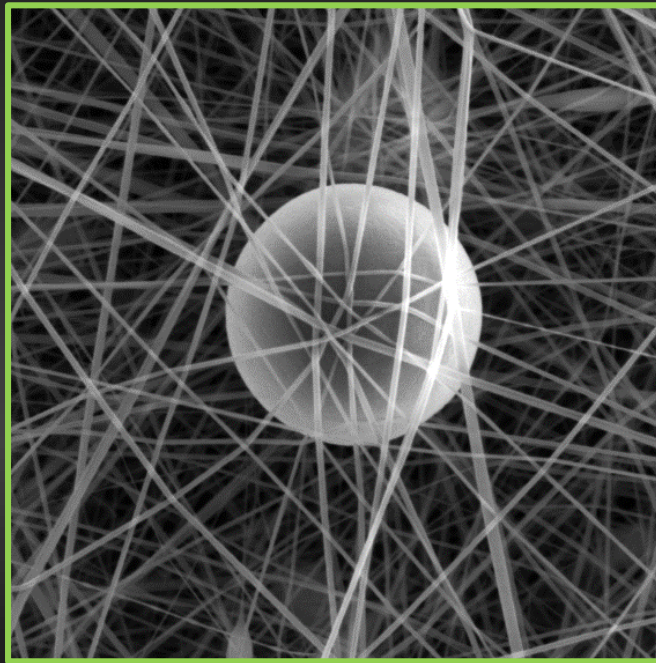
- Plain
- Patterned
- Tube collector
- Static/rotating
- Endless belt



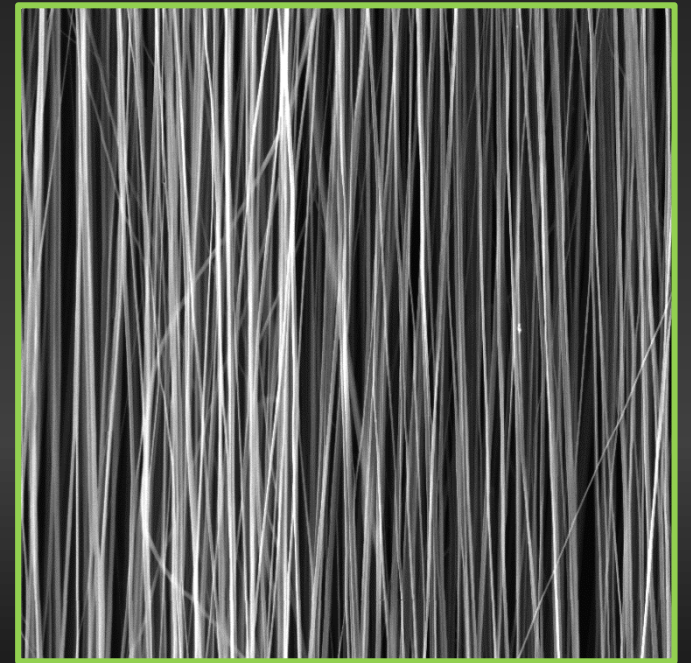
DIFFERENT TYPES OF NANOFIBER LAYERS



UNICOMPOUND



COMPOSITES and CORESHELL



ALIGNED NANOFIBERS

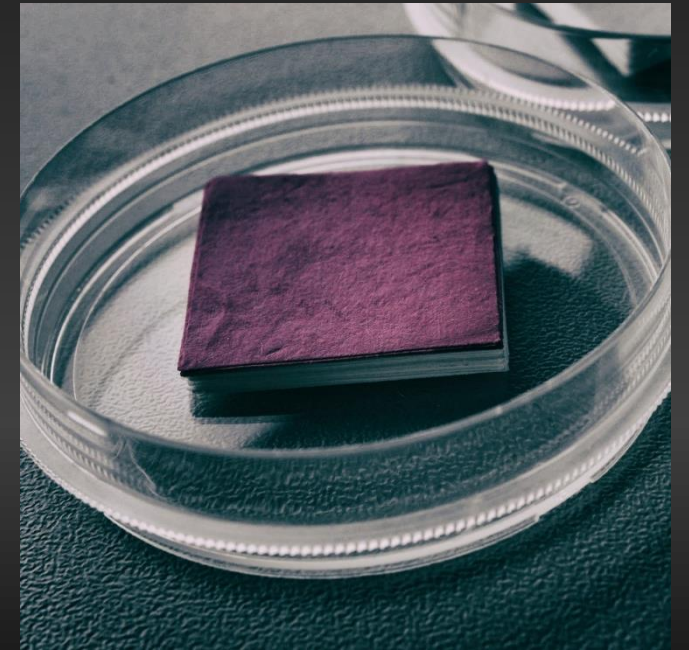
3D OBJECTS



HOLLOW TUBES



VOLUMINOUS PILLOWS



STACKED LAYERS



CONTIPRO

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www.facebook.com/contipro

www.4spin.info (electrospinning device)
www.facebook.com/aktivni.zvire (veterinary products)
www.hyiodine.com/patients-about-hyiodine (wound healing)