



## ReNerve and 3DBioFibR partner for 'bionic' nerve project

**28<sup>th</sup> of June 2023: Melbourne Australia/Halifax Canada:** ReNerve Ltd (ReNerve) today announced that it has partnered with 3D BioFibR to further develop its 'bionic nerve project'. The expertise and patented technologies of 3DBioFibR will help ReNerve accelerate its bionic nerve program.

"It is exciting to be working with 3D BioFibR as experts in the area of biopolymer fibre spinning technologies that have ready scalability and manufacturability. This will assist ReNerve to optimise and advance its bionic nerve program more rapidly" said ReNerve CSO Dr David Rhodes.

The two companies will work together to develop the ideal fibres that can be incorporated into the ReNerve 'bionic nerve'. 3DBioFibR will be able to provide commercial ready product for this project overcoming typical supply constraints of high quality collagen bio-fibre materials.

### 'Bionic nerve' program

ReNerve is looking to leverage its current nerve graft program to develop a fully customisable off-the-shelf nerve graft that includes bionic fibres. This would allow electrical stimulation within a regenerative infrastructure, to promote nerve re-growth, assist nerve reconnections and prevent muscle atrophy. ReNerve is aiming for these bionic nerves to be an option for surgeons who need a larger nerve graft for use in severe trauma cases. ReNerve bionic nerve products seek to provide a solution to the unmet need of functional, implantable 'bionic' nerve graft lengths of up to 20cms.

"The team at ReNerve are leaders in nerve regeneration" said Kevin Sullivan, CEO at 3D BioFibR. "It's exciting to be collaborating with them and adding our premium collagen fibres to advance their nerve graft program and develop durable surgical products to repair and replace longer damaged nerves."

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### About ReNerve

ReNerve is a medical device company specialising in biomaterial based medical devices for repair of peripheral nerve injury and related medical conditions. ReNerve's portfolio includes a range of cleaner, safer, tissue engineered surgical products designed to enhance nerve regeneration and provide better patient outcomes. The Company's NervAlign® Nerve Cuff has been through extensive testing, has received FDA marketing clearance and is now being marketed in the USA and elsewhere. ReNerve wishes to acknowledge AusIndustry's Accelerating Commercialisation program, which has supported many of the activities required to commercialise the NervAlign® Nerve Cuff. ReNerve's next generation product, the NervAlign® Nerve Graft is an 'off-the-shelf' graft product under development for the replacement of damaged nerves.

### About 3dBioFibR

The logo for ReNerve, featuring the word "ReNerve" in white text on a dark blue background with a small orange square to the right.The logo for 3D BioFibR, featuring the text "3D BioFibR" in blue, with a cluster of blue dots representing a molecular or cellular structure between "3D" and "BioFibR".

3D BioFibR produces high value collagen fibers at commercial scales for a variety of tissue engineering and medical applications. The Company's proprietary dry-spinning process produces fibers that are best-in-class from a strength, diameter, and quality perspective, recreating the natural appearance, structure and function of collagen fibers. This manufacturing process is at least 3600x faster than competing manufacturing processes making them accessible for an increasing number of bio-medical applications in the growing tissue engineering market. For more information, visit [www.3DBioFibR.com](http://www.3DBioFibR.com).

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