

# MEDTECH & DRUG DELIVERY PIPELINE

[monash.edu/industry/licence-technologies](http://monash.edu/industry/licence-technologies)

Therapy Area	Technology Concept	Proof of Concept	Prototype	Validation	Market
Dx – Biomarker	Immune response detection/monitoring	Allergies and vaccines			Multiple uses
Dx – Device	Bone healing assessment tool	X-ray free			Orthopaedics
Dx - Digital	MRI image reconstruction			<b>PARTNERED</b>	<b>CNS</b>
	Direct-to-brain stimulation (BCI)			MONASH VISION GROUP	CNS
	Wearable sensors			<b>PARTNERED</b>	<b>Multiple uses</b>
Diagnostics	Nanostructured chip for mass spectrometer			Drug testing/screening	Multiple uses
	Antibody nanoparticle delivery system		Imaging systems		Imaging systems
Device - Surgical	Pleural decompression device			Thoracic rescue	Lung
	ECMO Cannula			Non-thrombogenic	Fluids
Device – Drug Delivery	Transcranial Electrical Stimulation			<b>PARTNERED</b>	<b>CNS</b>
	On-demand aerosol particles		<b>PARTNERING IN PROGRESS</b>		
Digital	FODMAP App			<b>ON MARKET</b>	<b>Nutrition</b>
	Mood Mission App			<b>ON MARKET</b>	<b>Mental health</b>
	Ask PCOS App			<b>ON MARKET</b>	<b>PCOS</b>
Materials - Drug delivery Therapeutic	Natural biomaterials for drug delivery		Peptide-based		Drug delivery
	Nanoparticle gene / mRNA delivery system		Lipopeptide-based		Drug delivery
Materials - Drug delivery	Platform for gene delivery			Silicon nanotubes	Gene delivery
	Antibody nanoparticle delivery system		Drug delivery		Drug delivery
Materials - Processing	High throughput method for high-quality sperm selection			Fertility	Processing
	Non-invasive metabolic imaging			Imaging early embryos	Fertility
	Apparatus to boost sperm motility		Fertility		Processing
	Light-controlled 3D proteins		Scaffold for stem cells		Multiple uses
	Exosome purification		<b>PARTNERING IN PROGRESS</b>		
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## CONTACT US

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