

ASX: ALA

Arovella Therapeutics Limited
ACN 090 987 250



ASX Release

2 January 2024

AROVELLA COMPLETES KEY MANUFACTURING STEP TO PROGRESS ALA-101 TO CLINIC

Highlights:

- **GMP-grade lentiviral vector manufactured and passed quality control release testing**
- **GMP lentiviral vector is a critical component for clinical manufacturing of ALA-101**
- **ALA-101 vector is manufactured by Lentigen Technology, Inc, a world-leading manufacturer of lentiviral vectors for cell and gene therapies**

MELBOURNE, AUSTRALIA 2 January 2024: Arovella Therapeutics Ltd (ASX: ALA), a biotechnology company focused on developing its invariant Natural Killer T (iNKT) cell therapy platform, is pleased to announce its Good Manufacturing Practice (GMP)-grade lentiviral vector for its lead product, ALA-101, has been successfully manufactured and passed quality release testing.

Arovella is developing ALA-101 to treat CD19+ lymphomas and leukemias. A key requirement for the development of an iNKT cell therapy product is the establishment of the manufacturing process under GMP conditions. A critical component for this manufacturing is the GMP-grade lentiviral vector, which carries the genetic material to program iNKT cells to target and eliminate cancer cells. The ALA-101 vector is a 3rd-generation lentiviral vector manufactured by Lentigen Technology, Inc, a world-leading manufacturer of lentiviral vectors for cell and gene therapies.

Arovella's CEO and MD, Dr. Michael Baker, commented: "This is a tremendous step forward for the ALA-101 program and for Arovella. Producing GMP lentiviral vector is essential to developing ALA-101 and we are delighted this major step was completed on schedule."

Release authorised by the Managing Director and Chief Executive Officer of Arovella Therapeutics Limited.

Dr Michael Baker

Chief Executive Officer & Managing Director

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NOTES TO EDITORS:

About Arovella Therapeutics Ltd

Arovella Therapeutics Ltd (ASX: ALA) is a biotechnology company focused on developing its invariant natural killer T (iNKT) cell therapy platform from Imperial College London to treat blood cancers and solid tumours. Arovella is also expanding into solid tumour treatment through its CLDN18.2-targeting technology licensed

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from Sparx Group. Additional tumour targeting technologies are anticipated to be used in conjunction with Arovella's iNKT cell therapy platform. Arovella's lead product is ALA-101. ALA-101 consists of CAR19-iNKT cells that have been modified to produce a Chimeric Antigen Receptor (CAR) that targets CD19. CD19 is an antigen found on the surface of numerous cancer types. iNKT cells also contain an invariant T cell receptor (iTTCR) that targets α -GalCer bound CD1d, another antigen found on the surface of several cancer types. ALA-101 is being developed as an allogeneic cell therapy, which means it can be given from a healthy donor to a patient.

Glossary: **iNKT cell** – invariant Natural Killer T cells; **CAR** – Chimeric Antigen Receptor that can be introduced into immune cells to target cancer cells; **TCR** – T cell receptors are a group of proteins found on immune cells that recognise fragments of antigens as peptides bound to MHC complexes; **B-cell lymphoma** – A type of cancer that forms in B cells (a type of immune system cell); **CD1d** – Cluster of differentiation 1, which is expressed on some immune cells and cancer cells; **α GalCer** – alpha-galactosylceramide is a specific ligand for human and mouse natural killer T cells. It is a synthetic glycolipid.

The Company is also commercialising ZolpiMist™ to treat short-term insomnia.

For more information, visit www.arovella.com

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