

澳大利亚生物技术协会 澳大利亚医疗技术公司名录



公司信息

公司名称: Australian National Fabrication Facility Ltd.

主要联系人姓名: Dr. Warren McKenzie (沃伦 麦肯奇 博士)

主要联系人职位: 业务发展经理

公司网址: www.anff.org.au

公司地址: 151 Wellington Rd, Clayton, VIC 3168

此公司未上市:

公司简介

澳大利亚国家制造工厂 (ANFF) 向澳大利亚和全球科研人员提供微/纳米技术的生产设备。该公司支持并代表许多来自澳大利亚科研人员的研究成果，其中有很多人是以下领域的世界级专家：

- 微流体技术和定点护理诊断
- 生物材料和 3D 打印
- 给药
- 仿生学

作为国家合作研究基础设施战略的一部分，澳大利亚政府成立了 ANFF。该组织在澳洲大学内设有 21 个实验室，这些实验室通过 8 个枢纽组成联通网络。每个枢纽都配有对某一门微/纳米技术专精的专家和相关设备。

在 ANFF，我们拥有超过 90 名技术人员致力于帮助科研人员使用旗下 500 多种工具。在 2013-2014 年间，在全网境内有超过 2500 名科研人员使用过我们的设备，累计使用时间超过 12.8 万小时。

关键技术或领先技术

我们提供在微/纳米领域中，对新材料，新设备和新型样机的研究开发。这还包括对新产品的制造生产。ANFF 的核心竞争力是我们有能力为世界领先的微/纳米研究项目提供帮助与支持，

这是由于我们拥有所需的设备和来自澳大利亚最好的科研专家们的技术支持和指导。ANFF 支持与国际同行间建立合作关系。

类别

设备类：医疗设备和医院用品

诊断类：

诊断病毒学
给药途径

其他类：微米级生物技术研究

关键或领先技术的发展阶段

设计或前期调研
临床测试前

合作机会

ANFF 的设施对所有国际科研人员开放。其中包括在大规模生产前，希望利用我们的设施来示范制造过程的学术或商业研究人员。

在 ANFF 网络内的科研人员正在寻求与国际研究人员建立合作项目的机会。

Directory of Australian medtech companies



COMPANY DETAILS

Company name: Australian National Fabrication Facility Ltd.

Key contact name: Dr Warren McKenzie

Job title of key contact: Business Development Manager

Company website address: www.anff.org.au

Company address: 151 Wellington Rd Clayton VIC 3168

The company is Unlisted.

ABOUT THE COMPANY

The Australian National Fabrication Facility (ANFF) provides micro and nano fabrication facilities for that are available for use by Australian or international researchers. It also supports and represents the research of many of Australia's best scientists, many of which are world experts in the fields of:

- Microfluidics and point-of-care diagnostics
- Biomaterials and 3D printing
- Drug delivery
- Bionics

ANFF was established by the Australian Government under the National Collaborative Research Infrastructure Strategy. Its laboratories are distributed across 21 university based laboratories, which are linked through its network of eight Nodes. Each Node houses facilities and staff who specialise in an area of micro/nanotechnology.

Within the ANFF network, over 90 technical staff are dedicated to helping researchers utilise the portfolio of over 500 tools. In 2013/14, over 2500 researchers used more than 128,000 hours of facility time across the network.

KEY OR LEAD TECHNOLOGY

Micro and nanotechnology R&D of new materials, devices and prototypes, including the development of manufacturing process to fabricate them.

ANFF's core competency is its ability to support world class research in the area by providing the tools, expert technical support and guidance from Australia's best researchers. It also supports the development of collaborations with international peers.

Some examples of world class micro and nanotechnology R&D that ANFF supports include:

- The Nanopatch needle free vaccination system, being developed by Vaxxas.
- The Bionic Eye, being developed by Bionic Vision Australia.
- The Silicon Quantum Computer, being developed by the Australian Government's ARC Centre for Quantum Computation & Communication Technology.
- Ultra-black surfaces for space-craft instrumentation, in collaboration with NASA.

Category

Devices: Medical equipment and hospital supplies

Diagnostics:

Diagnostics virology

Drug delivery

Other: Nano-biotechnology research

Point of development of key or lead technology

Design or early research
Pre-clinical

OPPORTUNITIES SOUGHT

ANFF facilities are available for use by international researchers. This includes academic or industrial researchers who need to demonstrate a fabrication process prior to implementing it in into large-scale manufacturing.

Researchers in the ANFF network are looking for opportunities to establish new collaborative projects with international researchers.