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Company Announcements Office  
Australian Stock Exchange  
Level 6, 20 Bridge Street  
Sydney NSW 2000

## **PATENT APPLICATION – Heterofunctional Binding Systems**

- New patent application lodged that broadens and strengthens Anteo IP
- Over 50 new Mix&Go formulations
- Allows Anteo technology to coat almost any material

Dear Fellow Shareholders,

In December 2013 we made a placement that provided capital to give the company the financial flexibility to expedite (from seven to three years) the development and commercialisation of products that complement the existing Mix&Go patent portfolio. This will expand the protected areas of application to bioseparations, drug screening, drug delivery and areas outside the health care industry, bringing revenues from these areas much closer.

Following the placement we hired some extra personnel, as noted in our recent quarterly statements, and directed some of our endeavour to expand our range of Mix&Go™ formulations. We have now developed over 50 new Mix&Go formulations.

The patent application we have lodged for Heterofunctional Binding Systems is as a result of this work.

These Mix&Go formulations enable us to coat a much broader range of materials to incorporate both hydrophilic and now hydrophobic surfaces. In principle this allows Anteo technology to coat almost any material. We can control surface characteristics, for example; binding strength and degree of wettability. This enables us to modify materials such as highly engineered crystalline plastics, which normally destroy proteins, to gently bind the proteins in a fully functional manner.

The formulations include ones made of compounds:

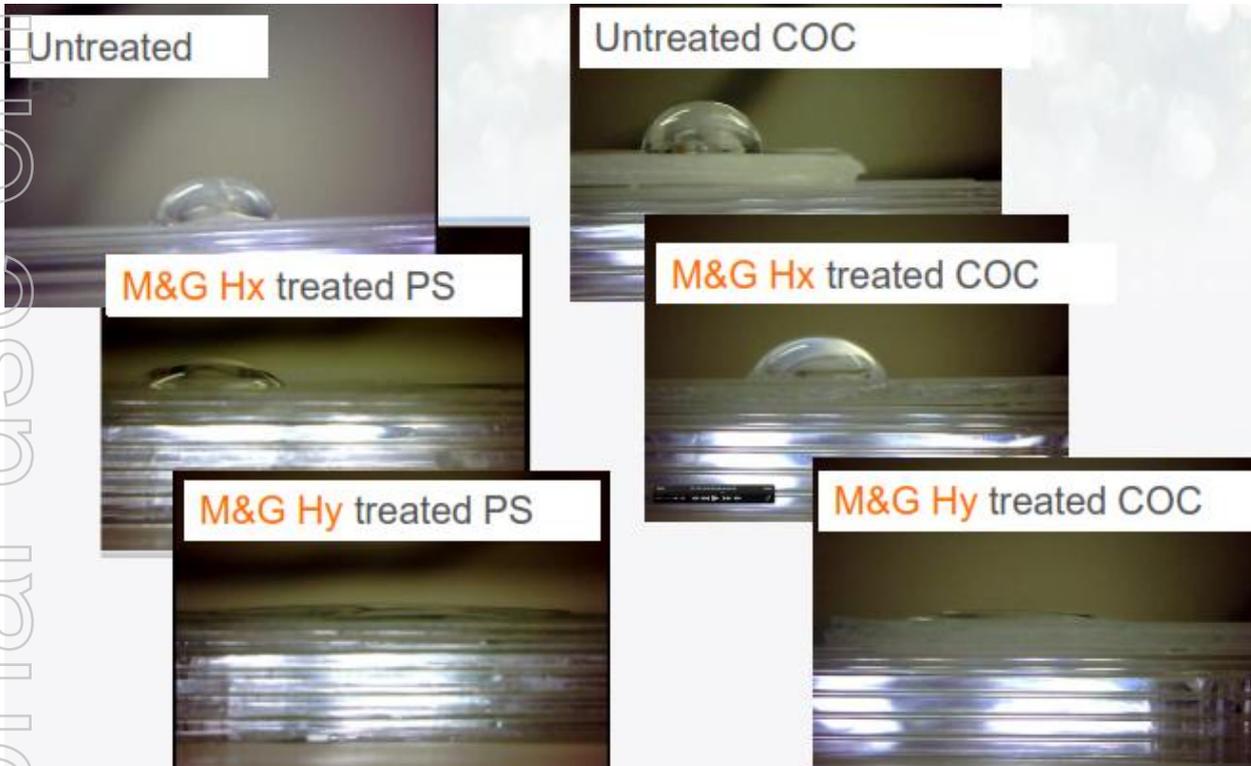
- To coat and give control to inconsistent surfaces, such as plastics used historically in microtiter plates and more recently in biosensors, for diagnostic applications
- To coat hydrophobic industrial materials used in applications such as water treatment
- That uses starting materials that have been tested for safety in humans (Generally Regarded As Safe) allowing easier acceptance to use Mix&Go for in vivo applications, such as drug delivery
- That comprise low cost materials for potential use in industrial applications

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Use of different Mix&Go solutions change wettability of surface but not protein binding strength



We now have an expanding library of Mix&Go that can be used to address a broadening range of uses and materials. The significance of this new work is that Mix&Go provides a consistent surface on one side for binding target objects, such as proteins; while on the other side can bind to variety of surfaces even if they are inconsistent in nature. With this ability Anteo is in an excellent position to provide solutions not just to the life science and diagnostic fields but broadly wherever biological materials need to be attached to synthetic ones.

**Dr Geoff Cumming**  
**CEO Anteo Diagnostics Limited**

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