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## QBiotics Group celebrating 25 years of harnessing Queensland's natural environment at the World Science Festival Brisbane (WSFB)

### Dr. Victoria Gordon

Co-Founder & Non-Executive Director,  
QBiotics Group, **BRISBANE**

**(00:16 – 00:26)**

#### Self-introduction

I'm Dr. Victoria Gordon.  
I'm Co-Founder and currently Non-Executive Director of  
the QBiotics Group.

**(00:26 – 00:45)**

#### When and by whom was the original company of the QBiotics Group founded?

The original company of the QBiotics Group was called  
EcoBiotics. And EcoBiotics was founded by myself and Dr.  
Paul Reddell. We're former CSIRO research scientists that  
was founded in 2000.

**(00:45 – 00:57)**

#### What was the unique discovery technology that formed the basis of Ecobiotics?

And the basis of EcoBiotics was the discovery technology that we developed called EcoLogic.  
It was quite a unique discovery technology.



**(00:57 – 01:35)**

**Can you describe your discovery platform, EcoLogic?**

Paul Reddell and I saw an opportunity to refine the search for small biologically active molecules from the natural environment. We put out the, the information that we have on how the natural environment functions, particularly plants. They produce this particular chemicals to repel, to attract, to access nutrients. We understand how the natural system works. And so we put together targeted strategies for particular biological activity and, and we called that EcoLogic. That's our discovery platform.

**(01:35 – 02:05)**

**How was the QBiotics Group formed?**

EcoBiotics was the first company, and we functioned as a discovery company until about 2010, when we decided to take one of our discoveries and develop it into the clinic. And to do that, we established a company called QBiotics, and we put a development group into QBiotics. And then in 2017, we merged those two companies to form the QBiotics Group.

**(02:05 – 02:39)**

**What compelled you to establish the QBiotics Group?**

Both Paul and I, uh, we, we worked with nature in CSIRO and the extraordinary biological activity that is out there in the natural environment, of course, plants defending themselves and producing chemicals to survive. And so we saw an opportunity to really refine the approach and the, and, and target plant material for bi, the biological specific biological activity. And that really converts to particular medicines.

**(02:39 – 03:04)**

**What has the QBiotics Group discovered to date using the EcoLogic™ platform?**

The first of our programmes is in cancer. We have tigilanol tiglate, which is an anti-cancer drug that really is active against a broad range of solid tumours. The second of our programmes is in wound healing. We have a wound healing product that is active against chronic and acute wounds and burns, and we have two earlier programmes in antibiotics and anti-inflammatories.

**(03:04 – 03:25)**

**What has the QBiotics Group discovered with EBC-1013 & wound healing?**

A second programme in QBiotics is in wound healing. It's a small molecule called EBC-1013, and it is a pharmaceutical, not a device, a simple gel, and it's active against chronic wounds, acute wounds and burns, the whole range of wounds.

**(03:25 – 04:10)**

**How does tigilanol tiglate destroy solid tumours?**

Tigilanol tiglate is a very simple drug to use. You inject it directly into the tumour, and initially there's a, an, an action against the tumour cells themselves, they basically, they break down the secondary responses against the tumour vasculature. The drug makes the tumour vasculature break down, and this whole response is a, it results in total destruction of the tumour, and that occurs within five to 10 days. And of course, when we're treating external tumours, there is a wound or a pocket left. Of course, our drug also stimulates healing of that site, and that site heals mostly with minimum to no scarring.

**(04:10 – 04:28)**

**How does figilanol figlate improve wound healing?**

Our wound healing gel addresses all of the problems with the wound. It has an antimicrobial effect. It deals with the, the infill of the wound, and also it stimulates closure of the wound as well.

**(04:28 – 04:59)**

**How is the QBiotics Group harnessing nature to help solve medical problems?**

The natural environment is complex and particularly plants. Of course, you and I can actually run away from our enemies, but, but plants can't. And so, what they've done is, they've developed these extraordinary, elegant systems to defend themselves. And of course, most of that is chemical defence, and they're, they're solving their own problems with chemistry. And in many ways, they're solving our problems, our medical problems with that chemistry as well.

**(04:59 – 05:20)**

**How does the QBiotics Group promote nature to ensure its preservation for future generations and ongoing discoveries?**

The more successful QBiotics is in the discovery and development of medicines from nature, the greater the argument to preserve our natural environment, and this is not just in Australia, but worldwide.

**(05:20 – 05:38)**

**What is soft tissue sarcoma, and why is it crucial to develop new treatment options for this disease?**

Under the banner of soft tissue sarcomas is approximately 70 different tumour types. So this is a really complex disease. We still don't have the optimum solution for soft tissue sarcomas, and that's why we in QBiotics are concentrating on that disease.

**(05:38 – 05:54)**

**How is your research in soft tissue sarcoma progressing?**

We're demonstrating efficacy and good safety. And the, and the results I think are, are so impressive that we've been awarded, um, orphan drug designation by the FDA.

**(05:54 – 06:16)**

**How is your head & neck cancer research progressing?**

Head and neck cancer can be quite a debilitating disease because it is really, um, in the area of the face, et cetera. Our phase two, in our phase two studies, we're actually proving efficacy of our drug against head and neck cancer and also safety as well.

**(06:16 – 06:34)**

**Why is 2025 so significant for the QBiotics Group?**

This year, the QBiotics Group is 25 years old. We've, we weathered many storms. There's, we've dealt with many issues in the company, and we've survived, and we are here, we are growing, we are flourishing, and we're excited about the future.

**(06:34 – 06:41)**

**How is the QBiotics Group celebrating its 25<sup>th</sup> anniversary this year?**

The QBiotics Group is a programme partner for the Unseen Worlds Exhibition for the World Science Festival in Brisbane.

**(06:41 – 06:52)**

**What will the QBiotics Group be showcasing at the World Science Festival Brisbane?**

QBiotics, uh, will be proudly showcasing our anti-cancer drug, tigilanol tiglate with, with a range of photographs and microscopic images.

**(06:52 – 07:22)**

**What do you consider to be the three greatest achievements of the QBiotics Group over the past 25 years?**

I feel the three greatest achievements for the QBiotics Group is of course, primarily EcoLogic, our wonderful discovery technology; the drugs that we've actually sourced through EcoLogic - our anti-cancer drug, our wound healing drug, and other programmes. And of course, the extraordinary people that we've attracted to the company to work with us and collaborate with us to, in the development of these drugs.

**(07:22 – 08:01)**

**What accomplishment at the QBiotics Group are you most proud of?**

I'm mostly proud of the culture that we've actually developed in QBiotics. This is a culture that's based on ethics and, and on respect. We have respect for each other, for those who we collaborate with, our shareholders, but importantly, for the patients, the human and animal patients that we are developing our drugs for, and also the natural environment that we work in, and of course the animals in research. All of that comes together to, to really form a company, that I personally am very proud of.

**(08:01 – 08:43)**

**Can you reflect on the role of your clinical advisory board?**

We've been incredibly fortunate to attract global key opinion leaders in oncology to form our clinical advisory board. This is a, this is a group of people that advise us on the development of our anti-cancer drugs and also clinical advisory boards for our other programmes as well.

But these are people that really know what they're doing. They're out there in the clinic. They're actually in the, the real world, at the coal, at the coalface with patients. And they're actually helping us to develop a drug, that is not only going to be solving solutions, but easy to use, and it's just accessible.

**(08:43 – 09:14)**

**What does the future hold for the QBiotics Group?**

Paul Reddell and I, as founders of the QBiotics Group, are really building the company for the future. We are here to stay. We are building a biopharmaceutical company because in Ecologic we have this fantastic innovation, but of course, we can't do everything ourselves. And so we see QBiotics as the centre hub of a group of collaborative companies. And this is a, this is fantastic for Australia. We're building for the future.

**(09:14 – 09:38)**

**What is your message to those who have supported the QBiotics Group over the past 25 years?**

Our shareholders are so important to QBiotics Group and without them, Paul Riddell and I would still be standing in the rainforest saying, we've got a great idea. So I'd really like to pass on our heartfelt thanks to all of these extraordinary people who've been so very patient and just continue to support us over many, many years.

**OVERLAY**

<b>Dr Victoria Gordon</b>	
<b>09:42 – 10:21</b>	Mid-shot of Dr Gordon walking in nature (from behind)
<b>10:21 – 10:31</b>	Mid-shot of Dr Gordon walking in nature (front on)
<b>10:31 – 10:48</b>	Close-up of Dr Gordon walking in nature and inspecting leaves
<b>10:48 – 11:16</b>	Close-up of Dr Gordon walking in nature, looking up at plants and inspecting leaves of tree
<b>11:16 – 11:24</b>	Extreme close-up of Dr Gordon walking in nature
<b>11:24 – 11:42</b>	Full shot of Dr Gordon walking towards camera in nature
<b>11:42 – 12:01</b>	Extreme close-up of Dr Gordon inspecting plants and looking up
<b>12:01 – 12:07</b>	Extreme close-up of Dr Gordon looking down to inspect plant
<b>12:07 – 12:47</b>	Extreme close-up of Dr Gordon's hands inspecting plant
<b>12:47 – 13:11</b>	Extreme close-up of Dr Gordon looking up inspecting plants
<b>13:11 – 13:59</b>	Full shot of Dr Gordon walking down path in nature and looking up to inspect plants
<b>13:59 – 14:20</b>	Extreme close-up of Dr Gordon looking up, camera panning right then left
<b>14:20 – 14:47</b>	Long shot of Dr Gordon walking away from camera into nature
<b>14:47 – 15:12</b>	Close-up of plant leaves, panning right
<b>15:12 – 15:25</b>	Close-up of plant leaves, panning left
<b>15:25 – 16:37</b>	Full to mid shot of Dr Gordon walking towards camera in nature
<b>16:37 – 16:56</b>	Extreme close-up of Dr Gordon's feet walking in nature
<b>16:56 – 17:07</b>	Medium close-up of Dr Victoria Gordon's legs walking in nature
<b>17:07 – 18:21</b>	Medium shot of Dr Gordon walking towards the camera, inspecting leaves and continuing to walk towards camera into a close-up shot
<b>18:21 – 18:50</b>	Extreme close-up of Dr Gordon's hands inspecting plant
<b>18:50 – 19:25</b>	Extreme long-shot of Dr Gordon walking towards camera in nature
<b>19:25 – 19:52</b>	Close-up of Pomeranian dog walking towards camera
<b>19:52 – 20:02</b>	Close-up of Dr Gordon holding Pomeranian
<b>20:02 – 20:15</b>	Mid-shot of Dr Gordon holding two dogs
<b>20:15 – 20:22</b>	Extreme close-up of Dr Gordon holding and petting Pomeranian
<b>20:22 – 20:38</b>	Mid shot of Dr Gordon sitting on bench with Pomeranian
<b>20:38 – 20:43</b>	Extreme close-up of Dr Gordon petting Poodle
<b>20:43 – 20:54</b>	Extreme close-up of Dr Gordon petting Pomeranian
<b>Dr Paul Reddell</b>	
<b>20:54 – 20:55</b>	Upwards shot of sky
<b>20:55 – 21:01</b>	Extreme wide shot of Daintree
<b>21:01 – 21:02</b>	Birds eye shot of Daintree
<b>21:02 – 21:09</b>	Zoom into Daintree
<b>21:09 – 21:12</b>	Wide shot of trees in Daintree
<b>21:12 – 21:13</b>	Wide shot of trees in Daintree
<b>21:13 – 21:17</b>	Mid shot of trees in Daintree

<b>21:17 – 21:19</b>	Mid-shot of trees in Daintree (looking up)
<b>21:19 – 21:23</b>	Close-up of tree branches
<b>21:23 – 21:28</b>	Panning up shot of tree branches
<b>21:28 – 21:30</b>	Panning (left) shot of tree branches
<b>21:30 – 21:35</b>	Panning out close-up shot of tree leaves
<b>21:35 – 21:37</b>	Panning up close-up shot of tree in Daintree
<b>21:37 – 21:42</b>	Close-up of leaves in trees
<b>21:42 – 21:46</b>	Panning forward shot of leaves in Daintree
<b>21:46 – 21:47</b>	Close-up of leaves growing out of trees in Daintree
<b>21:47 – 21:49</b>	Close-up of leaves growing out of tree in Daintree
<b>21:49 – 21:53</b>	Extreme close-up of leaves in Daintree
<b>21:53 – 21:55</b>	Extreme close-up of leaves growing out of tree
<b>21:55 – 21:56</b>	Extreme close-up of wet leaf in Daintree
<b>21:56 – 22:06</b>	Mid shot of Dr Redell walking through Daintree
<b>22:06 – 22:10</b>	Wide shot of Dr Redell walking through Daintree
<b>22:10 – 22:11</b>	Mid-shot of Dr Redell on pathway in the Daintree
<b>21:11 – 22:19</b>	Panning mid-shot from behind of Dr Redell looking at tree in Daintree
<b>22:19 – 22:22</b>	Mid shot of Dr Redell touching tree in Daintree
<b>22:22 – 22:25</b>	Close-up of Dr Redell looking at plants
<b>22:25 – 22:35</b>	Extreme close-up of Dr Redell holding and inspecting plants

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