

## Welcome to MediQ News – September 2011

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MediQ has had a couple of very eventful yet successful months. In addition to hosting a very successful Researcher Industry Symposium in July, we have been occupied with other initiatives such as the promotion of MediQ's activities at Natural Products Expo Asia in Hong Kong in late August and co-organising the eagerly awaited ICMAN 5 conference.

Those who did attend the Researcher Industry Symposium must have seen Jeffery Smith impart insightful advice on some practical aspects of establishing successful Researcher – Industry collaborations. In this edition of the MediQ Newsletter, we present you a refresher of Jeffery's speech.

Also gain some valuable information on the various Grants available to support researchers and businesses as they use their knowledge, creativity and innovation to advance Queensland's Therapeutic Medicines and Goods industry.

Learn about BARQA - British Association of Research Quality Assurance and this association's initiatives for the Queensland Complementary Medicine industry and how you could obtain membership to this not-for-profit institution established in 1977.

Keeping in mind our versatile membership, from this edition onwards, the MediQ Newsletters will also provide interested readers with a link to the Complementary Healthcare Council's (CHC) newsletter publication called CHC Edge. CHC Edge is jam-packed with interesting and relevant information for the industry and researchers alike on issues and policies affecting the Therapeutic goods and services industry on a national level and brings to you news stories from research labs to your computer.

Also, we are counting down fast to ICMAN 5, the International Conference taking place in Brisbane for the first time with speakers from the International stage. We will look forward to meeting you at the three-day event.

# Practical aspects of establishing successful research-industry collaborations - Jeffery Smith (President and CEO, BioAssayLINK Pty Ltd)

## Part I - Establishing the collaboration and ongoing management

Every company wants to be successful and most realize this can't be achieved with just their internal resources. It is now well accepted that external collaboration is a 'must do' for organizations to survive. Furthermore, if done well, it can be a source of competitive advantage. The focus of this article is on collaborations between industry and research intensive organizations, like universities, however the principles presented here are almost universal applicable.

This article will be in two parts, the first '*Establishing the collaboration and ongoing management*' is presented in this issue and the second part '*Expanding your potential collaborative partner options*' will be published in the subsequent issue of MediQ News. This commentary is a summary of a presentation I gave at the MediQ 2nd Annual Research-Industry Symposium held in July, 2011, and provides an important prelude to the international conference on the mechanisms of action of nutraceuticals (ICMAN5) to be held in Brisbane in October, 2011.

### What is collaboration?

Just like the innovation, collaboration means different things to different people. If one looks at the definition of collaboration from four sources (Oxford and Webster dictionaries, Wikipedia and businessdictionary.com) the common theme that emerges is that **collaboration involves two entities that work together to realise common or shared goals**. In a sense it is a partnership rather than a straight fee-for-service agreement and this difference is important to realize when seeking to establish successful collaborations compared with a one-off contract. While there are subtle differences between the types of collaborations, most individuals prefer to call them partnerships. Some other commonly used terms for collaboration include alliance, outsourcing and contract research. There are more formal arrangements such as joint venture, merger and acquisition that have very specific meanings. It is not the intention here to go into all the differences.

### Important initial considerations in establishing the collaboration

As with all successful research-industry collaborations it begins with having a clear understanding of what is expected and what will be delivered. Depending on the experience and track record of the entities involved there may be a considerable amount of learning that takes place on both sides of the relationship. The important initial key considerations as I see them are outlined in the table below.

Key Consideration	Comments
Understand each party's respective work culture, strengths, weaknesses, constraints and limitations	Provides insight into what problems might develop
What is your end goal of the collaboration?	Examples may include: more independent scientific evidence for claims made; competitive advantage; media announcement; raising capital
Ask the question ' <i>what's in it for me?</i> '	It is important to realize that both sides will ask this question
Learn what are the motivational factors involved from each side of the collaboration	Example: most researchers are rewarded for winning external research grants, having successful PhD completions and peer-reviewed publications
Clear understanding of what is expected on both sides (verbal and written)	Often several face-to-face meetings followed by written material prior to any contract or formal collaboration being finalized improves the likely success
Have realistic expectations	Unrealistic expectations only leads to disappointment and frustrated collaborators on both sides

What are the most important considerations to you?	Examples may include: quality, budget, time-lines, geographical location, language
Don't put all your eggs in one basket	For lots of reasons, your preferred collaborator may not eventuate, so do your due diligence and have a short-list of at least two or three options
Assess all available options; seek help to identify all possibilities	Start with a much larger list of potential collaborators before arriving at your preferred list (this aspect will be covered in Part II)
Honesty is the best policy	Important in establishing long-term successful relationships

## Managing the partnership

Once you have done all the important work of establishing a potentially great collaboration, do not throw that away by not managing the partnership appropriately. I have three simple principles that I follow:

- 1) Regular, clear and open communication with the key individuals involved/responsible
- 2) Maintain flexibility and commitment to the project throughout
- 3) Don't stop managing after the contract has been is delivered.

## About the author

Jeffery Smith has over 30 years' experience in basic and applied biomedical research and development encompassing discovery and early preclinical studies to first in human and investigator-driven clinical studies. Since 2001, Jeffery has worked full-time in the biopharmaceutical industry in a variety of roles including as a senior scientist of a US based biotech start-up, as an independent consultant and since 2006 as the founder of BioAssayLINK; online linking service for discovery and preclinical research services. He has undertaken work with numerous biotechnology and nutraceutical companies and small and large biopharmaceutical organizations. He is a contributor to a soon-to-be-published book entitled *Pharmaceutical outsourcing: discovery and preclinical perspectives* and is an advocate for online linking tools that improve efficiency and cost effectiveness of therapeutic research and development.

Prior to working in the biopharmaceutical industry, he has undertaken basic and applied biomedical research in a variety of research institutions including The University of Queensland (UQ, Brisbane), The University of California (San Francisco), The University of Paris (Orsay) and The Queensland Institute of Medical Research (QIMR, Brisbane). He has published more than 30 peer-reviewed research papers and has broad interest and knowledge across most biomedical disciplines. He holds a visiting scientist position at QIMR and an adjunct senior lecturer position at UQ. He holds a BSc in biochemistry-chemistry from the James Cook University (Townsville), a PhD in biochemistry-surgery from UQ, and an MBA from the UQ Business School.

## Series II - Expanding your potential collaborative partner options (next MediQ News)

# Feedback request and request for article contributions

Dear readers,

Thank you for your membership with MediQ. At MediQ we are very keen to address any issues. Please provide us with feedback on the latest topical issues you are facing or new research you are considering and we will source the experts to provide you with solutions. We are also eager to hear from you if you would like to write a feature for any of our future newsletters.

The MediQ Newsletter is for the industry; from the industry. We will look forward to your feedback and ideas to make this newsletter work harder for you.

# BARQA - British Association of Research Quality Assurance

BARQA was started by four newly appointed QA managers back in 1977 of the view that they and their employers would all benefit from a free exchange of knowledge on quality and compliance matters. Thirty-four years later and BARQA now has more than 2,200 members in 46 countries and we are still exchanging knowledge about quality and compliance.

BARQA started with Good Laboratory Practice but now embraces GXP's such as Good Manufacturing Practice, Good Pharmacovigilance Practice, quality in research environments and computing issues.

Having begun with occasional meetings, BARQA members now exchange knowledge through Quasar (the BARQA magazine), booklets, professional development courses, seminars, a distance learning programme, conferences, regional forums, the website ([www.barqa.com](http://www.barqa.com)) and a Masters programme.

Formally, BARQA is a not-for-profit membership organisation dedicated to informing and advancing its members. It exists to support professionals working in regulated and non-regulated environments with a particular focus upon the safety and efficacy of pharmaceuticals, biologicals, devices, agrochemicals and chemicals in man, animals and the environment. BARQA membership includes managers, scientists, auditors and other practitioners.

## **BARQA vision:**

- Quality and integrity in scientific research and development

## **BARQA mission:**

- To develop and promote quality standards in scientific research and development
- To facilitate knowledge sharing and transfer through discussion, training, seminars, conferences, publications and partnership
- To liaise with regulatory agencies in the development and interpretation of regulations and guidance

BARQA has eight committees which are the focal point for gathering information and then disseminating it to members and for working with government and other professional bodies when appropriate. BARQA has many contacts with other research quality societies, professional bodies and regulatory agencies throughout the world. The BARQA Committees include: Computing, Good Laboratory Practice and Good Manufacturing Practice.

BARQA provides a programme of training courses which aid auditors, scientists and managers to acquire the knowledge and skills necessary to meet the challenges they face in their work. Course tutors are drawn from industry and government; they have a wide experience of current international standards and best practice, and also the practical application of these. In the last twelve months professional development courses attracted nearly 800 delegates, 57% of these came from the UK, 32% from elsewhere in Europe and 11% from the rest of the world.

Current course titles include:

- Good Manufacturing Practice in Pharmaceutical Laboratories
- Implementing Quality Systems in Research Environments
- The Auditing Course
- Auditing Computerised Systems

BARQA has produced a range of distance learning courses which offer a practical and flexible method of learning on-line.

There are currently eight on-line courses currently available, including:

- An Introduction to Quality Risk Management
- An Introduction to the Audit Process
- An Introduction to Good Manufacturing Practice for Investigational Medicinal Products
- An Introduction to the UK Clinical Trial Regulations.

BARQA's Australasian Regional Forum has been in existence since 2006 and has over 50 members throughout Australia and New Zealand. The region holds annual meetings and organises occasional professional development courses.

More details on BARQA and the Australasian Regional Forum can be found at [www.barqa.com](http://www.barqa.com) or you can contact the Regional Coordinator Andrew King at [a.king@qpharm.com.au](mailto:a.king@qpharm.com.au)



# Smart Futures Fund

**2011**

To support researchers and businesses as they use their knowledge, creativity and innovation to advance the Queensland Government's Toward Q2 targets of Strong, Green, Smart, Healthy and Fair



Program	Description
<b>Smart Futures Fellowships</b> <ul style="list-style-type: none"> <li>• \$180,000 Early-career</li> <li>• \$360,000 Mid-career</li> <li>• Over three years</li> <li>• Open 1 August – 30 September 2011</li> </ul>	To support future science leaders to undertake leading research which is likely to deliver short-to-medium term benefits to Queensland and its regions.
<b>Smart Futures PhD Scholarships</b> <ul style="list-style-type: none"> <li>• \$36,000 top-up</li> <li>• Over three years</li> <li>• Open late 2011</li> </ul>	For approved PhD scholarship holders to undertake innovative PhD research at Queensland universities.
<b>Queensland International Fellowships</b> <ul style="list-style-type: none"> <li>• Up to \$25,000</li> <li>• 12-20 weeks duration</li> <li>• Open 1 August – 30 September 2011</li> </ul>	To support Queensland-based researchers to undertake collaborative research projects at leading international institutions and agencies to strengthen Queensland's global research alliances.
<b>Research Partnerships Program</b> <ul style="list-style-type: none"> <li>• \$200,000 - \$1 million</li> <li>• Up to three years</li> <li>• Open 1 August – 30 September 2011</li> </ul>	To support research and development projects that have progressed beyond the concept stage and will be undertaken in collaboration with partner organisations either in Australia and/or overseas.
<b>Co-Investment Fund</b> <ul style="list-style-type: none"> <li>• \$200,000 - \$2 million</li> <li>• Over one to two years</li> <li>• Open 1 August – 30 September 2011</li> </ul>	A fund to leverage pre-approved Commonwealth Government or philanthropic organisation funding in areas of research that will deliver real benefits for Queensland.
<b>Proof of Concept Fund</b> <ul style="list-style-type: none"> <li>• \$30,000 - \$75,000</li> <li>• Maximum one year duration</li> <li>• Open all year</li> </ul>	For Queensland-based organisations to demonstrate the potential commercial viability of their innovation (technologies, products or processes).
<b>Commercialisation Champions Program</b> <ul style="list-style-type: none"> <li>• Up to \$150,000</li> <li>• 3-18 months duration</li> <li>• Open all year</li> </ul>	To improve the translation and commercialisation of research into outcomes.  Provides financial incentive to engage an experienced specialist capable of: <ul style="list-style-type: none"> <li>• translating research into application (Researcher-in-Industry)</li> <li>• increasing the commercialisation rate of research (Entrepreneurs-in-Research)</li> <li>• participating in international exchange projects (Innovation Investment Exchange).</li> </ul>





# Innovation Services

To support businesses and researchers as they use their knowledge, creativity and innovation to advance the Queensland Government's Toward Q2 targets of Strong, Green, Smart, Healthy and Fair

Incentives	Description and more information
<b>What's Your Big Idea Queensland?</b> <ul style="list-style-type: none"> <li>• Up to \$50,000</li> <li>• Open 8 August – 12 September 2011</li> </ul>	For small-to-medium enterprises to commercialise ideas, and develop new products, processes or systems.  For more information visit <a href="http://www.bigideaqld.com.au">www.bigideaqld.com.au</a>
<b>Business and Industry Transformation Incentive</b> <ul style="list-style-type: none"> <li>• \$30,000 - \$250,000</li> <li>• Closes 26<sup>th</sup> August 2011</li> </ul>	Business and Industry Transformation Incentives are available for businesses with significant growth potential within Queensland. Applications are particularly encouraged from groups of businesses working on collaborative projects.  For more information visit <a href="http://www.industry.qld.gov.au/funding-and-assistance/176.htm">www.industry.qld.gov.au/funding-and-assistance/176.htm</a>
Programs	
<b>Queensland-Wide Innovation Network (Q-WIN)</b>	The Queensland-Wide Innovation Network connects small-to-medium businesses with innovation service providers who can help grow their business.  For more information visit <a href="http://www.qwin.com.au">www.qwin.com.au</a>
<b>Innovation Coaches</b>	Assists businesses with mentoring and guidance to identify the best opportunities and solutions for their specific needs.  For more information visit <a href="http://www.qwin.com.au">www.qwin.com.au</a>
<b>Inventor Service</b>	The Queensland Inventor Service provides specialist support services to assist early stage inventors, entrepreneurs and small businesses to commercialise their ideas.  For more information visit <a href="http://www.inventorservice.com.au">www.inventorservice.com.au</a>
<b>TechFast</b>	The TechFast program provides hands-on assistance to small-to-medium enterprises seeking to solve product or service issues, access technical capabilities or pursue new market opportunities.  For more information visit <a href="http://www.ausicom.com/techfast">www.ausicom.com/techfast</a>
<b>TechClinics</b>	TechClinics are industry-driven facilitated interactive sessions, bringing businesses together with research and technology specialists to explore specific emerging industry problems, and discuss innovative solutions.  For more information visit <a href="http://www.industry.qld.gov.au/initiatives/785.htm">www.industry.qld.gov.au/initiatives/785.htm</a>
<b>Australian Technology Showcase</b>	The Australian Technology Showcase is designed to promote, leading-edge, Australian innovative technologies globally. It aims to increase exports and attract foreign and local venture capital.  For more information visit <a href="http://www.ats.business.gov.au">www.ats.business.gov.au</a>



# Complementary Healthcare Council EDGE Newsletter

The Complementary Healthcare Council (CHC) is the leading expert association exclusively committed to a vital and sustainable complementary healthcare products industry. CHC believes in a holistic healthcare model based on promoting long-term wellness of the community. CHC is unique in representing all stakeholder groups in the complementary healthcare industry. The association's members include importers, exporters, manufacturers, raw material suppliers, wholesalers, distributors, retailers, practitioners, consultants, direct marketers, multi level marketers and consumers.

CHC is the principal reference point for members, the government, the media and consumers to communicate about issues relating to the complementary healthcare industry on a national level.

The CHC Edge is CHC's newsletter publication bringing to you the latest updates on Research, Retail, Market and Policy & Regulation.

For the latest issues of the CHC Edge, please refer to the links below:

CHC Edge Issue 14	<a href="http://mainmail.tdmail.com.au/display.php?M=643719&amp;C=c8e1655344c803562888d4348cd99585&amp;S=640&amp;L=129&amp;N=347">http://mainmail.tdmail.com.au/display.php?M=643719&amp;C=c8e1655344c803562888d4348cd99585&amp;S=640&amp;L=129&amp;N=347</a>
CHC Edge Issue 15	<a href="http://mainmail.tdmail.com.au/display.php?M=643719&amp;C=c8e1655344c803562888d4348cd99585&amp;S=641&amp;L=129&amp;N=348">http://mainmail.tdmail.com.au/display.php?M=643719&amp;C=c8e1655344c803562888d4348cd99585&amp;S=641&amp;L=129&amp;N=348</a>
CHC Edge Issue 16	<a href="http://mainmail.tdmail.com.au/display.php?M=643719&amp;C=c8e1655344c803562888d4348cd99585&amp;S=644&amp;L=129&amp;N=351">http://mainmail.tdmail.com.au/display.php?M=643719&amp;C=c8e1655344c803562888d4348cd99585&amp;S=644&amp;L=129&amp;N=351</a>
CHC Edge Issue 17	<a href="http://mainmail.tdmail.com.au/display.php?M=643717&amp;C=126a76c226ebe82d6523dca03590e4ad&amp;S=648&amp;L=129&amp;N=355">http://mainmail.tdmail.com.au/display.php?M=643717&amp;C=126a76c226ebe82d6523dca03590e4ad&amp;S=648&amp;L=129&amp;N=355</a>

CHC Edge Issue 18

<http://mainmail.tdmail.com.au/display.php?M=643719&C=c8e1655344c803562888d4348cd99585&S=650&L=129&N=357>

CHC Edge Issue 19

<http://mainmail.tdmail.com.au/display.php?M=643719&C=c8e1655344c803562888d4348cd99585&S=652&L=129&N=359>

## Researcher – Industry Symposium – a success story

MediQ would like to thank all the sponsors and attendees of the Researcher – Industry Symposium. The event would not have been such a success without your attendance, support and feedback.

The 2<sup>nd</sup> Annual Researcher-Industry Symposium was held on Wednesday 6 July 2011 at the Food Sciences Precinct at Coopers Plains.

As part of an ongoing dedication to building partnerships, MediQ successfully hosted the second Research-Industry Symposium with more than 60 professionals attending on the day.

There were four sessions with speeches by 11 distinguished speakers of international and national reputation on Probiotics and Prebiotics, Researcher Industry Collaboration and Regulations and Commercialisation issues. Each session was followed by an enthusiastic question and answer session.

The event was sponsored by Capsig, Merck Millipore, TetraQ and the Queensland Government sponsoring the venue. The forum included leading companies, researchers and Universities participation from which we received excellent feedback for the event with some great suggestions for MediQ's forthcoming events.

We shall look forward to the support and feedback from our esteemed membership for our future events.

# Natural Products Expo Asia 2011

## QLD businesses at Hong Kong's Natural Products Expo Asia

A Queensland business delegation visited Hong Kong from 25-27 August to promote the State's capabilities in the fast-growing therapeutic medicines field.

As per the Queensland Government's Media release dated 24 August 2011, Minister for Tourism, Manufacturing and Small Business Jan Jarratt also stated support for this initiative as the Asia-Pacific region is expected to emerge as the world's fastest growing markets for pharmaceuticals and nutraceuticals, and Queensland's close proximity means we're in excellent position to meet product demand.

She also said *Natural Products Expo Asia 2011* was one of the biggest around and would give Queensland businesses a critical foot in the door. The Expo is one of Asia's largest complementary medicines and health trade shows which last year attracted some 10,000 people including Asian distributors and retailers," Ms Jarratt said.

She mentioned that it is an important business-generating forum and wished the visiting delegates from; Super Sprout (Beenleigh), Mangrove Naturals (Mount Sheridan, Cairns), Dr Wheatgrass (Caloundra), DG Biocare (Bundall, Gold Coast), Australia Natural Pharmaceuticals (Coopers Plains), and Jasmin Skincare (North Tambourine) the very best of business success.

She hoped that by being part of the expo, our businesses will be making critical contacts and building inroads into these valuable markets and stated that with around a third of the State's pharmaceutical and therapeutic products revenue already generated from export sales, trade shows like this are critical as a way of showcasing Queensland's capabilities and the breadth of businesses we have to offer. Queensland also promoted the International Conference on Mechanisms for Action of Nutraceuticals (ICMAN 5) being hosted by Brisbane from October 13 to 15, 2011, as it will be the first time ICMAN 5 will be held in the Southern Hemisphere and Asia-Pacific Region and it will attract visitors from around the world. She also mentioned that the pharmaceutical and therapeutic medicines industry presents some excellent opportunities for local businesses and the Queensland Government will be working with industry to help our companies benefit from them by giving businesses pre-departure and in-country briefings ahead of the expo in Hong Kong and business matching assistance, and also continue working with industry on the development of a new Queensland strategy for the pharmaceutical manufacturing industry. The Queensland businesses showcased their products at the expo from August 25 to 27. Media release: <http://statements.cabinet.qld.gov.au/MMS/StatementDisplaySingle.aspx?id=76210>

Key findings and the response from the Expo Asia trade show visitors will be published in the forthcoming edition of MediQ newsletters.

And Last but certainly not least –

## ICMAN 5!

From the 13<sup>th</sup> to the 15<sup>th</sup> of October, the Brisbane Convention and Exhibition Centre will be hosting:

The 5<sup>th</sup> International Conference on the Mechanisms of Action of Nutraceuticals.

On Thursday, **13<sup>th</sup> of October**, a Pre-conference Technology Clinic will be held. This is hosted by the University of Southern Queensland and the University of Queensland and will discuss issues surrounding the development, testing and marketing of functional foods and bioactive ingredients as well as industry research, potential opportunities, policy and regulation.

On Friday and Saturday, **14<sup>th</sup> and 15<sup>th</sup> of October**, the **nutraceutical conference** will be held with leading international professionals presenting their research experience and expertise.

### What's in it for you?

The conference will cover topics of interest to all researchers and industry people in the nutraceuticals and complementary medicine area. These include:

- Discussions on commercialisation strategies
- The effect of nutrition on both the epigenome and genome
- Neurocognition
- Nutraceuticals and disease
- Health care utilising nutraceuticals
- The role of Vitamin D
- Cancer
- Plants from unique parts of the world

You will find some information regarding the speakers and their topics in the Program Highlights below and more at <http://www.icman5.org>.

MediQ has negotiated 'mini pavilion' spaces at the upcoming ICMAN 5 Conference for \$595. Each 3m x 3m space will each house 3 co-exhibitors. Each co-exhibitor will have their company details recognised and listed as exhibitors for ICMAN 5. There will be enough space for a banner and a table top for materials etc – and you will each receive a 3-day conference registration (GENE and the Conference Dinner are separate).

There will be many networking opportunities available at all the breaks between sessions as well as at the Globally Engaging Networking Event (GENE) on Friday night which attracts international and local life science members. Cost \$22

The ICMAN 5 conference dinner following GENE on Friday night is another opportunity to continue networking with the delegates and attendees. Cost \$110

**If your work and or study falls within the sphere of Complementary Medicines, this Symposium should be an absolute must for you to attend!!**

To register, just fill in the registration form and return it to Sarah Mulholland at: [sarah.mulholland@deedi.qld.gov.au](mailto:sarah.mulholland@deedi.qld.gov.au) or fax on 07 3224 5289.

**We hope to see you all there!**

# FOODS AS MEDICINE: INVESTING IN VALIDATING HEALTH ACTIVITIES FOR FUNCTIONAL FOOD



Pre-conference Technology Clinic,  
in association with ICMAN 5

Thursday 13<sup>th</sup> October 2011, Brisbane Convention and Exhibition Centre.

Supported by The Queensland Department of Employment, Economic Development and Innovation (DEEDI) in association with the University of Southern Queensland (USQ) and The University of Queensland (UQ).



A division of QMI Solutions



## OBJECTIVES

Health is one of the prime consumer drivers when it comes to food purchase with functional foods becoming a fast growing trend in today's competitive markets. Major food companies are catching this trend by turning from being agri-food businesses to delivering R&D-driven nutrition, health and wellness products. Growers and producers are also looking to feature health attributes of their products to give them market advantage. Many SME's are supplying or could develop health ingredients for food, cosmetic and therapeutic applications.

Companies can find they lack the depth of in-house expertise needed to make decisions and control the risks associated with investment in these areas. Researchers are likewise challenged by how to optimally work with industry to translate good ideas into reality.

### This TechClinic is therefore to:

- Help familiarise companies and researchers with the issues involved in developing, testing and marketing functional foods and bioactive ingredients
- Give an appreciation of the types of health research and testing that can be contracted and the value of these various approaches
- Raise the issues and barriers to industry progress
- Seek mutual understanding of how researchers and industry can better interact to exploit ideas and develop projects
- Determine what opportunities are available for collective actions to progress the industry

### Who should attend?

- Company managers, marketers, quality assurance and R&D personnel seeking to improve their ability to operate in the functional foods space
- Researchers and innovators seeking to better understand how to interact with industry and grab opportunities to turn functional food research ideas into reality in this area.
- Regulators and policy makers seeking to better work with industry

REGISTER NOW



### Cost:

The cost of this TechClinic is \$77.00 GST inclusive.  
The Welcome Cocktail Mixer Function is also included in this fee.

# TechClinic PROGRAM

Session Times	Topics	Presenter/Facilitator
08:00 – 08:30	Registration, Tea & Coffee	
08:30 – 08:35	Welcome and Introduction	Dr John Kapeleris, AIC
08:35 – 08:45	Program Outline and Challenges	Dr Roger Stanley, UQ
08:45 – 9:00	Speed Meet: Getting to know your fellow delegates	Dr John Kapeleris, AIC
09:00 – 09:30	Opening Key Note Address: Realising the potential of foods and ingredient extracts with proven health efficacy The Canadian MAHRN experience	Dr Peter Jones, Director, Richardson Centre for Functional Foods and Nutraceuticals, Manitoba, Canada
09:30 – 10:30	The Legal and Commercial Environment: What is and is not a health claim Navigating through the regulatory systems Marketing solutions for functional products	Panel presentations (3 x 15 min) and discussion
10:30 – 11:00	Morning Tea	
11:00 – 12:30	Workshop Theme 1: Getting value from health research Factors that govern costs v value Validation and Testing Options In vitro and cell based approaches Animal and clinical approaches	Facilitated session Researcher Presenters (3 x 10 min) and discussion
12:30 – 13:30	Lunch and networking	
13:30 – 15:00	Workshop Theme 2: Fostering Collaborations Overcoming the barriers Interacting with researchers Dealing with industry Successful funding: mechanisms and opportunities	Facilitated session Presenters (3 x 10 min) and discussion
15:00 – 15:30	Afternoon Tea	
15:30 – 17:00	Open Forum: TechClinic Action Plan: Opportunities to work together Collaborations, Tools, Collective Programs	Facilitated session Dr John Kapeleris, AIC
17:00 – 17:30	Key Agreed Outcomes and Actions	Dr John Kapeleris, AIC
17:30 – 18:30	ICMAN5 Welcome Cocktails Mixer Function	

## [Venue Map](#)

### EXHIBITION BOOTHS

[Enquire now](#) about Exhibitions Booths to showcase your products and samples

University of Southern Queensland  
**Ted Teys**  
 Manager, Consulting & Development  
 Phone 0447 477 746





## International Conference on the Mechanisms of Action of Nutraceuticals Program highlights

### **FRIDAY – 08:50 Morning session 1 – Commercialisation**

**Prof Michael Heinrich** is the *Director of Southern Cross Plant Science Centre at Southern Cross University in Northern New South Wales, Australia.* Michael will be speaking about the value chain of manufacturing herbal medicines and the need for quality assessment.

**Dr Anthony Noble** is the *director of special projects at Soho Flordis International.* Anthony will be speaking about the challenges involved in the international commercialisation of natural medicines.

**Dr Ashfaq Parkar** is the *Director of Transformational Sciences at Sanofi-Aventis in the USA.* Ashfaq will be presenting on the challenges in finding the evidence for botanical drugs.

### **FRIDAY – 10:50 Morning session 2 – Nutrition effects on Epigenome and Genome**

**Dr Zdenko Herceg** is the head of the *Epigenetics Group at the International Agency for Research on Cancer in Lyon, France.* Zdenko will speak of the impact of nutrition and environment on the epigenome in cancer.

**Prof Michael Fenech** is a *Principal Research Scientist for CSIRO Food and Nutritional Sciences in Adelaide.* Michael will be speaking about the role of micronutrients in preventing DNA damage.

**Dr Rod Lea** is a genetic epidemiologist from the Griffith Health Institute in Queensland. Rod will speak about the interaction between vitamin supplementation, homocysteine levels and migraines.

**Dr Koraljka Troselj** is a senior scientist at the Rudjer Boskovic Institute in Croatia. Kori will speak about the effects of curcumin and resveratrol on the expression levels of tumour suppression genes.

### **FRIDAY – 13:45 Afternoon session 1 - Neurocognition**

**Prof Moussa Youdim** is the *Director of the Centre for Excellence for Neurodegenerative Diseases in Haifa, Israel.* Moussa will be speaking about the neurorestorative effect of the green tea polyphenol.

**Prof Con Stough** is from the *Centre for Human Psychopharmacology at Swinburne University in Melbourne.* Con will be talking about bacopa and how it can be used to reduce cognitive ageing.

**Prof Andrew Scholey** is the *director of the Centre for Human Psychopharmacology at Swinburne University in Melbourne.* Andrew will speak of how a polyphenol from green tea can improve cognitive function.

### **FRIDAY – 16:10 Afternoon session 2 – Nutraceuticals and disease**

**Prof Peter Howe** is from the *School of Health Sciences at the University of South Australia.* Peter will highlight the importance of omega-3 levels as a new cardiovascular risk biomarker and guide to therapeutic applications.

**Dr Peter Jones** is the *director of the Richardson Centre for Functional Foods and Nutraceuticals at the University of Manitoba in Canada.* Peter will be speaking about treating hyperlipidemia with functional ingredients in foods.

### **17:30 – 19:30 GENE - Globally Engaging Networking Event**

A chance to network in a relaxed setting before dinner.

### **19:00 – late! Conference dinner**

This is a wonderful opportunity to meet and continue discussions with speakers and other attendees.

**Prof Avni Sali** is the *foundation director of the National Institute of Integrative Medicine in Australia.* Avni will present evidence over dinner that nutraceuticals can help prevent and treat disease.



## International Conference on the Mechanisms of Action of Nutraceuticals Program highlights

### **SATURDAY – 08:30 Morning session 1 – Health care utilising nutraceuticals**

**Dr Michael Smith** is the Former Head of the TGA, Office of Complementary Medicines in Canberra, Australia. Michael will be presenting an international perspective on the use of traditional medicines together with an established health-care system.

**Prof David Colquhoun** is the Australian Medical Association (AMA) *Qld Cardiology Spokesman*. David will be speaking on lifestyle factors that play a major role in the development of cardiovascular disease.

**Prof Les Cleland** is the director of Rheumatology at the Royal Adelaide Hospital. Les will present evidence for the medicinal use of fish oil in rheumatic diseases.

**Prof Juerg Gertsch** is located at the Institute for Biochemistry and Molecular Medicine at the University of Bern in Switzerland. Juerg will be presenting on the identification of molecular targets for bioavailable compounds from a given preparation.

### **SATURDAY – 11:15 Morning session 2 –Vitamin D**

**Prof Peter Ebeling** is located at the *University of Melbourne in Australia and is a renowned endocrinologist at the Western Hospital*. Peter will be presenting on the benefits of vitamin D in type 2 diabetes mellitus and pregnancy.

**A/Prof Rachel Neale** is a cancer epidemiologist and senior research fellow at the Queensland Institute of Medical Research. Rachel will discuss evidence linking a lack of vitamin D with cancer.

**Prof Michael Kimlin** is the director of the NHMRC Centre for Research Excellence in Sun and Health at the Queensland University of Technology. Michael will talk about vitamin D sourced from the sun or through diet.

### **SATURDAY – 14:00 Afternoon session 1 - Cancer**

**Prof Young Joon Surh** is located at the *Department of Molecular Medicine and Biopharmaceutical Sciences, Seoul National University in South Korea*. Young Joon will be speaking about the chemopreventive effects of some dietary and medicinal phytochemicals on inflammation associated carcinogenesis.

**A/Prof Vasundara Venkateswaran** is from the department of surgery at the University of Toronto in Canada. Vasundara will speak about prostate cancer and the preventative role of dietary agents.

### **SATURDAY – 15:40 Afternoon session 2 – Unique parts of the world**

**Prof Kobus Eloff** is a *Research Professor at the University of Pretoria in South Africa*. He is also one of the authors of the *African Herbal Pharmacopeia*. Kobus will be presenting about developing the commercial potential of medicinal plants from areas with a high plant biodiversity.

**Prof Dieter Schinzer** is based at the University of Magdeburg in Germany. Dieter will be speaking about the anti tumour drugs isolated from Myxobacteria.

### **SATURDAY – 17:30 Closing remarks**

The two international members of the ICMAN 5 organising committee Dr Koraljka Troselj (Croatia) and Mr Aaron Etra (USA) will summarise the conference.

For more information about the conference go to: <http://www.icman5.org>

**The 5<sup>th</sup> International Conference on  
Mechanisms of Action of Nutraceuticals**

**13-15 October 2011 | Brisbane, Australia**



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Co-Exhibitor*#	AU\$595.00	<input type="checkbox"/>
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GENE Ticket^	AU\$22.00	<input type="checkbox"/>
Conference Dinner Ticket^	AU\$110.00	<input type="checkbox"/>

*\*A minimum of six registrants must select this option to make it available. Those who select this option will be placed on a expression of interest list and will not be charged until the minimum is reached. In the event that we do not achieve the threshold, we will contact those who have expressed interest to determine a suitable alternative arrangement.*

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