

## **2002 Annual Report**

# **International Scientific Association for Probiotics and Prebiotics**

January 1 – December 31, 2002

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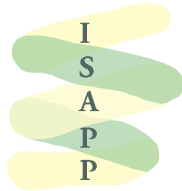
### **Introduction**

ISAPP is an international non-profit collaboration of scientists dedicated to advancing the science of probiotics and prebiotics.

The overarching mission of ISAPP is to assemble and generate high quality scientific information for the probiotic and prebiotic fields as well as provide guidance for collaborative and multidisciplinary research. The organization hopes to raise scientific credibility in the field by working with experts and conducting meetings on high quality research. Providing an objective, science-based voice also will benefit the end users of these products by helping them to make informed choices. ISAPP is the only scientific organization dedicated specifically to probiotics and prebiotics, bringing together scientists from all pertinent disciplines, including food science, microbiology, immunology, biochemistry, nutrition, molecular biology and medicine. As a scientific society, ISAPP strives to have all activities focused on science, not the promotion of any specific commercial products.

ISAPP began in May 2000 with the assembly of some professionals at the Fermented Foods and Health meeting held in New York. The discussion at this meeting focused on the lack of a multidisciplinary scientific organization dedicated to specifically addressing the dynamic and increasingly popular field of probiotics and prebiotics. Considering the situation world-wide with many new probiotic- and prebiotic-based functional foods, dietary supplements and clinical therapeutics being launched, it was thought especially valuable to fill this void. ISAPP was formally established in August 2002 as a non-profit, tax-exempt 501(c)(3) corporation in California. See Appendix A for bylaws.

For additional details, see website [www.isapp.net](http://www.isapp.net)



## Message from the President

“No one needs another thing to do,” I found myself saying when Dr. Glenn Gibson and I first discussed the concept of the International Scientific Association for Probiotics and Prebiotics. But we both agreed that there was a real need for a ‘home’ for scientists in the probiotics and prebiotics field, and getting such an association off the ground would provide some helpful focus for the field. An enthusiastic response from some key scientists and industry members propelled us forward. Now, ISAPP is an incorporated 501(c)3 not-for-profit entity, with nine board members from Europe, Canada, New Zealand and USA. To simplify operations, ISAPP is set up as an organization without members (in the legal sense). However, 63 scientists from around the world participated in our inaugural meeting in London, Ontario, Canada held May 2002 and 70 plan to attend the August 2003 meeting at Henley Conference Center in Oxfordshire (near London) UK.

Although our mission is well-defined, the means of achieving that mission are still very much in development. Initially our focus was on a gathering of minds, which we did in Canada, and dissemination of the recommendations from that meeting. These are published in detail on [www.isapp.net](http://www.isapp.net) and to be published as a compiled manuscript (Journal of Clinical Gastroenterology, 2003; 37: 105-118). Ideas flowed at the meeting in Canada for possible ISAPP activities such as: publish a journal, write key papers on critical issues and find ways to impact research funding were all suggested. All are still under consideration and progression.

Challenges certainly remain for this organization:

- Securing commitments from important entities: time and input from key individuals and financial support from the key organizations.
- Determining the best way to meet the ISAPP mission.
- Developing ISAPP into an organization that accomplishes tasks in a timely fashion and identifies goals and activities with vision and insight.

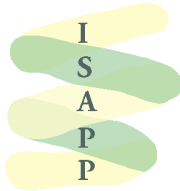
At the 2003 meeting, we plan to explore these issues more fully.

I owe heartfelt thanks to many who made ISAPP’s initial activities successful:

- Glenn Gibson, whose scientific insight, attention to tedious detail, reliable dedication to ISAPP and personable nature put ISAPP on the map and made my past several years of involvement in ISAPP both professionally and personally rewarding for me.
- Irene Lenoir-Wynkoop, who provided the earliest industry vision and support for the conception of ISAPP. It was at a Danone-sponsored symposium that the first group of scientists convened to discuss the concept of ISAPP. ISAPP continues to operate benefiting from a \$30,000 startup grant from Danone.
- Joe O’Donnell, whose early intellectual by-in to the concept of ISAPP led him to provide administrative and legal support from his office at the California Dairy Research Foundation, Davis, CA.
- Gregor Reid, for hosting the first ISAPP meeting in London, Ontario in 2002. Gregor’s contributions to ISAPP are noteworthy for their vision and dedicated focus. His willingness to compile the group reports from the Canada meeting and submit for publication was pivotal to ISAPP’s early successes.
- And finally, all the Board Members, past and present, whose efforts have guided the scientific mission of ISAPP, whose efforts have resulted in the accomplishments and



whose spirit did all this while engendering an atmosphere of camaraderie, frank discussion and fun.



## **2002 Board of Directors**

Elected May 2002 unless otherwise stated

### *President*

Mary Ellen Sanders, Ph.D.  
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### *Vice President*

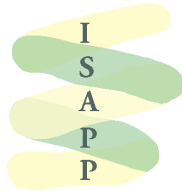
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### *Secretary*

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### *Treasurer*

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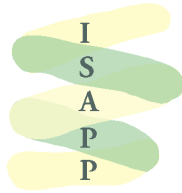
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Ian Rowland, Ph.D. (elected September 2002)  
Northern Ireland Centre for Food and Health  
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David Mills, Ph.D. (resigned from board, March 2003)  
Assistant Professor and Assistant Microbiologist

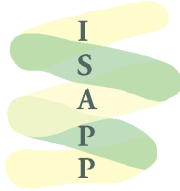


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Davis, CA 95616 USA

Marcel Roberfroid, Ph.D. (resigned from board, December 2002)  
Professor Emeritus  
Université Catholique de LOUVAIN  
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Cristine Cherbut, Ph.D. (elected December 2002, resigned April 2003)  
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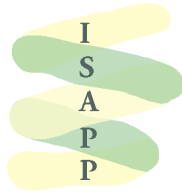


## 2002 Accomplishments

1. The first scientific meeting of ISAPP was convened May 3-5 in London Ontario Canada.
  - Scientific organizing committee: Gregor Reid (Canada, local host), Mary Ellen Sanders (USA), Glenn Gibson (UK), Bob Rastall (UK), Annick Mercenier (F), Marcel Roberfroid (B), Todd Klaenhammer (USA)
  - Financial contributors to the meeting were Biotechnology and Biological Sciences Research Council, Orafiti, Novartis, Canadian Institutes for Health Research, Yakult, Danone, Institut Rosell, Mead Johnson, Rhodia, California Dairy Research Foundation, Nestle, Wyeth, Proctor & Gamble and Chr Hansen. \$117,948 Canadian was contributed to cover expenses associated with this meeting and ISAPP start-up.
  - Meeting conclusions compiled by Gregor Reid, titled "New Scientific Paradigms for Probiotics and Prebiotics", authored by G. Reid, M. E. Sanders, H. R. Gaskins, G. R. Gibson, A. Mercenier, R. Rastall, M. Roberfroid, I. Rowland, C. Cherbut and T. R. Klaenhammer and published in the Journal of Clinical Gastroenterology, 2003; 37: 105-118.
  - Seven discussion groups were formed at this meeting (Appendix B)
  - Meeting summaries and thank you notes were distributed to all sponsors
  - Glenn Gibson offered to host the 2003 meeting in England. The feeling was that while it would be good to hold the following meeting in New Zealand, it would likely be too expensive. A preliminary meeting was sketched for the East coast of the USA for Spring 2005.
2. A website with basic information on ISAPP was developed by Bob Rastall and hosted on the University of Reading site. A new address (isapp.net) was acquired by Gregor Reid.
3. ISAPP was incorporated August 2002 as a non-profit corporation in California. Costs for incorporation were donated by the California Dairy Research Foundation (CDRF).
4. A management agreement was negotiated between CDRF and ISAPP to stipulate conditions for CDRF to provide administrative services through the end of 2003.
5. A proposal for a mini conference titled "Probiotics and Prebiotics: Mechanisms, Their Role in Human Health and Future Perspectives" was submitted to ASM and was rejected.
6. Meetings of the Board of Directors were held:
  - London, Ontario, Canada – May 2002. This was the Board's official inaugural meeting during which it set out guidelines for activities of the organization, including the decision to not have members who pay annual fees.
  - Paris Sept 2002
  - Executive committee conference calls were held as needed throughout the year.

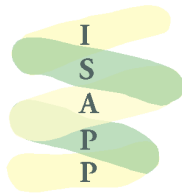
## Objectives for 2003

1. Hold 2003 meeting in Henley UK, hosted by Glenn Gibson and raise sufficient funds to cover expenses.
2. Decide on next main ISAPP meeting, location, format etc., and functions that Board members should contribute to for the following year.
3. Further define best way for ISAPP to accomplish its mission:
  - a. Consider smaller meetings or sponsor probiotics/prebiotics sessions as part of other notable meetings



- b. Hold a mini-symposium “Probiotic and Prebiotic Modulation of the Intestinal and Vaginal Microflora: Impact on Pathogens, Host Response and Health” at the Annual Meeting of the American Society for Microbiology in Washington DC. Speakers: Mary Ellen Sanders, Glenn Gibson, Rex Gaskins, Willem de Vos and Gregor Reid.
- c. Hold inaugural Industry Advisory Committee meeting and gain insight into how best to partner with legitimate businesses in the probiotic and prebiotic areas.
- d. Consider the value of preparation of short, topical scientific papers sponsored by ISAPP on key issues. Some possible topics include:
  - Importance of human source for probiotics isolates
  - Mechanisms
  - Active principles in probiotics
  - Safety
  - Communication of benefits
  - Labeling
  - Effective dose (delivered to site)
  - Microbiological concerns (not necessarily the solutions), e.g., changes in production conditions, strain identity, etc.





## **Appendix A: Composition of Discussion Groups for 2002 Meeting**

### **Extra Intestinal Sites**

Gregor Reid (Chair)  
Aggrey Wasunna  
Andrew Bruce  
Yeonhee Lee  
Harmeet Sadhu  
Jana Jass  
Jeremy Burton  
Maria Elena Nader-Macias

### **Intestinal Flora**

Glenn Gibson (Chair)  
Alun Varnum  
Bruno Pot  
George Macfarlane  
Joel Dore  
Kieran Tuohy  
Michael Blaut  
Rod Mackie  
Michael Beer

### **Immune**

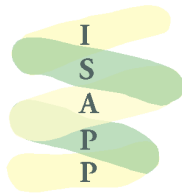
Annick Mercenier (Co-Chair)  
Rex Gaskins (Co-Chair)  
Blaise Corthesy  
Guy Delespesse  
Gill Harsharanjit  
Peter Pouwels  
Rodney Berg  
Thierry Von der Weid  
Fraser Scott  
Corinne Grangette

### **Second Generation Probiotics**

Bob Rastall (Chair)  
Arland Hotchkiss  
Bob Hutkins  
Gregory Cote  
Jonathan Rhoades

### **Definitions**

Mary Ellen Sanders (Chair)  
\*Bryon Petschow



Catherine Stanton  
Denis Roy  
\*Greg Leyer  
Jeremy Hamilton-Miller  
Joanne Slavin  
Lorenzo Morelli  
Maya Pineiro  
\*Svend Laulund  
\*Thomas Tompkins

**Genetics**

Todd Klaenhammer (Chair)  
Chris Kitts  
Dan O'Sullivan  
David Mills  
Raymond David Pridmore  
Elaine Vaughan  
Gwen Allison  
John McCormick  
\*Martin Kullen  
Richard Hull

**Intestinal Disease**

Marcel Roberfroid (Chair)  
Christine Cherbut  
David Mack,  
Francisco Guarner  
Jean Fioramonti

**Cancer**

Ian Rowland (Chair)  
Dan Gallagher  
Graeme McIntosh  
\*Jean- Michel Antoine  
Joseph Rafter

\*Industry participants