



AMRI®



PUBLICATIONS PATENTS PRESENTATIONS

Volume 2

July 2001 - October 2007



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PATENTS
PRESENTATIONS

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July 2001–October 2007

A Message from Harold Meckler, Ph.D.



Welcome to AMRI's second book of Publications, Patents and Presentations. This book is dedicated to the scientists of AMRI, whose hard work and dedication made a compilation of this magnitude possible.

This book collects the publication, patent and presentation history of AMRI from July 2001 through October 2007. During this period, AMRI has grown from a US company with facilities in Albany, Rensselaer and Syracuse, New York; Bothell, Washington, Mt. Prospect, Illinois and Coralville, Iowa, to a global corporation with R&D facilities in Albany, Rensselaer and Syracuse, New York; Bothell, Washington; Singapore; Hyderabad, India and Budapest, Hungary and API production facilities in Rensselaer, New York and Aurangabad, India. AMRI now employs over 1200 people, many of whom hold advanced degrees in chemistry, biology or engineering. With

this global diversity, the science conducted at AMRI represents a broad spectrum of synthetic organic chemistry, natural products isolation and identification, analytical chemistry, computational chemistry, combinatorial chemistry and in-vitro biology. The intellectual property contained in this book is a demonstration of our individual scientist's desire to conduct the highest quality scientific discovery and development, and also demonstrates their ability to work as a global team to progress a project from a germ of an idea in one location, to an elegantly completed project which has been worked on in multiple sites, on multiple continents. Entries within this book include scientists from AMRI locations worldwide.

The scientific contributions of AMRI's scientists truly exemplify two things. First, the number of customer-originated patent applications and publications where AMRI scientists are listed as co-inventors and co-authors has gone up multifold since the July 2001 book. Second, the total number of publications, patents and presentations has almost quadrupled in the same time period. These, among many of other reasons, give us cause to celebrate our scientific achievements.

When we began to compile this book, we had no idea of how big it might actually be. As in the past, all departments readily assisted with the collection the publication and patent reprints, and poster and presentation abstracts. As the project progressed, the compilation became a more daunting endeavor than anticipated for the Publication Book Committee, due to the unanticipated volume of work submitted. I am happy to say that they successfully brought all the parts together into the book you are holding today.

Needless to say, this publication is the culmination of years of hard work by all of our scientists. We are proud of the work produced so far and look forward to much more in the years ahead.

Congratulations on a job well done.



Harold Meckler, Ph.D.
Vice President, Science & Technology
July 2008

Dedication

This book is dedicated to the employees of the
AMRI locations worldwide:

- **Albany Research Center**
(East and West Campus)
Albany and Rensselaer, New York
- **Syracuse Research Center**
Syracuse, New York
- **Bothell Research Center**
Bothell, Washington
- **Singapore Research Centre**
Singapore
- **Hyderabad Research Centre**
Hyderabad, India
- **Budapest Research Centers**
Budapest and Balaton, Hungary
- **Rensselaer Large Scale Manufacturing**
Rensselaer, New York
- **India Manufacturing**
Aurangabad and Mumbai, India



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