

## FOREWORD

I am delighted to welcome you to Shanghai and the 5th International Conference on Mushroom Biology and Mushroom Products. The conference organizers have put together excellent scientific and social programs that encompass both the latest research in mushroom biology and mushroom products, and provide an opportunity to renew old friendships and make new acquaintances.

Mushroom production worldwide continues to increase. It is estimated that more than 10 million metric tons (22 billion pounds) of edible and medicinal mushrooms were produced last year in various countries. It is fitting that this conference be held in China where 10 million full and part-time growers produce more than half of the world's mushrooms. In the words of Professor S. T. Chang "China has become a giant producer of edible mushrooms".

The World Society for Mushroom Biology and Mushroom Products (WSMBMP) and the Shanghai Academy of Agricultural Sciences (SAAS) together have organized this important conference. Co-organizers include the China Edible Fungi Association (CEFA), the Mycological Society of China (MSC), the Mushroom Branch of the Chinese Agricultural Society, Sub-Chamber of the Edible Fungi, China Chamber of Commerce for Import and Export of Foodstuffs, Native Produce and Animal By-Products (CFNA), and the Shanghai Centre for Scientific and Technological Exchange with Foreign Countries (SSTEC). Many individuals have worked hard to make this conference a reality.

The papers presented at this conference and included in these proceedings cover all aspects of mushroom biology and mushroom product development. The information presented herein should help to open up new avenues for research and provide growers with new ideas to help them improve their production efficiency. The editors deserve special thanks for their outstanding efforts in reviewing and preparing the manuscripts for publication.

Sponsorship of this meeting is an important feature of its success. On behalf of the Society, we thank the many sponsors who have helped to promote the meeting, supplied student scholarships, and supported the social events.

Finally, we would like to thank the presenters for their willingness to share their latest research and ideas. Without their efforts, this conference would not be possible. Keep up the good work. We hope you enjoy Shanghai.

Daniel J. Royse

President

World Society for Mushroom Biology and Mushroom Products

April, 2005

# PREFACE

Dear Colleagues,

First of all, I should like to express my sincere thanks to all of you for participating in this Fifth International Conference on Mushroom Biology and Mushroom Products, the venue for which is Shanghai, China.

In recent years, enormous progress has been made in developing mushroom biology, mushroom cultivation and mushroom trade throughout the world. This meeting will truly serve as an international forum for scientists, growers, mushroom product manufacturers, equipment makers and marketing personnel to embrace and share a diverse range of basic studies, techniques and experience.

Almost two hundred abstracts have been received from participants representing more than 40 countries worldwide, and a scientific programme consisting of ten symposia and two satellite symposia, on *Cordyceps* and *Ganoderma*, has been organized. Included in these Conference Proceedings are more than seventy papers covering all aspects of mushroom biology and mushroom products, providing us with interesting and multi-dimensional views, knowledge and relevant information that, hopefully, will be helpful for your future work. Now, as springtime approaches, we are almost there. I wish you all a warm welcome to Shanghai, a highly successful conference, and a most pleasurable stay in China.

Respectfully Yours,  
Professor Aizhong Wu  
Chairman of Organizing Committee

April, 2005