



# Division of Particulate Preparations and Design

## Society of Powder Technology, Japan

Chair: **Hirofumi Takeuchi**, PhD, Professor of Gifu Pharmaceutical University  
 Vice chair: **Yasuhiko Nakamura**, PhD, Director of Sato Pharmaceutical Industry Co.  
 URL: <http://www.ppd-gifu.com/index.php>

Office: Laboratory of Pharmaceutical Engineering, Gifu Pharmaceutical University  
 E-mail: [ryuushi-sekkei2005@cream.plala.or.jp](mailto:ryuushi-sekkei2005@cream.plala.or.jp)  
 Secretariat: Mrs. Natsuko Kuze

### Organization and History

The division of PPD was established in 1985 in the Society of Powder Technology, Japan. The first chair person was Prof. Kawashima, Aichi-Gakuin Univ., who worked for 21 years for developing the activity of PPD. From 2005, Prof. Takeuchi, Gifu Pharmaceutical Univ., has been the chair of PPD. The organizing committee consist of 10 members of professors in academia, researchers in pharmaceutical companies and special consulting persons. The purpose of our division is to facilitate the research projects concerning particle design related with mainly pharmaceutical technology. For completing this purpose, the committee joined with the Particulate Modification Technology Group of The Association of Powder Process Industry and Engineering (APPIE), Japan.

### Activities

#### I. Symposium on Particulate Preparations and Design

The PPD symposium is held annually. It is co-sponsored by Particulate Modification Technology Group of APPIE. The symposium consists of invited special lectures, general presentations, and short presentations of exhibition presenter. All participants stay the same hotel for the two days to join the lectures, exhibition, banquet and so on. The number of participants is more than 350. More than a half of them are researchers working for the field of pharmaceutical technology in the pharmaceutical companies, and others are from academic area or companies of machine or excipients. Some of them are foreign ones.

#### II. Visiting tuor to company

One day tour is held three time a year. The morning session is allotted to introduction of the company facilities. In the afternoon, 4invited lectures are programmed. The following is the list of the recent visiting tours.

- 2008-2009
- I. Jun. 13, 2008; Toa Pharm. Co., Toyama
- II. Sep. 19, 2008; Okada Seiko Co., Iwate
- III. Feb. 20, 2009; Taiyo Pharm. Co., Gifu

#### III. Working Group on Standard Fomulation

The standard formulation is important in designing the solid dosage forms such as granules and tablets. The working group focuses on setting up a standard formulation for checking the granulating and tableting process. The first chair person of the group was Prof. H. Sunada, Meijo University.

The chair present: Prof. H. Yuasa, Matsuyama Univ.  
 Vice chair: Dr. M. Hasegawa, Mie prefecture  
 Dr. T. Tanino, Shionogi Pharm Co.

### Symposium on Particulate Preparations and Design

The 25<sup>th</sup> symposium on PPD was held at Biwako Hotel in Otsu, 12, 13 Nov. 2008.



Exhibition: 46 panels were presented



Banquet with all participants together, more than 360 persons



Prof. K. Terada, Toho University, Honoree of PPD honor 2008

### Honors and international activities

I. Three types of honors are presented every one year. The funder recent 5years are listed.

|      | PPD honor  | Best presentation honor for young researchers           |
|------|--|---|
| 2008 | Prof. Katsuhide Terada (Toho Univ.)              | Mr. Jyunichiro Kishi (Otsuka Co. Ltd.)                  |
| 2007 | Dr. Hiroaki Nakagami (Daiichi Sankyo Co.,Ltd.)   | Mr. Susumu Natsuyama (Powrex Co. Ltd.)                  |
| 2006 | Prof. Cui Fude (Shenyang Pharmaceutical Univ.)   | Mr. Tomohiro Yoshinari (Takeda Pharmaceutical Co. Ltd.) |
| 2005 | decline the prize                                | Mr. Yuichi Ozeki (Sanwa Kagaku Kenkyusyo Co. Ltd.)      |
| 2004 | Dr. Yasuhiko Nakamura (Dainihon pharma Co.,Ltd.) | Mr. Noboru Yamashita (Yamanouchi Pharma Co. Ltd.)       |

II. International Symposiums held by the division of PPD

- 1989 Advances In Pharmaceutics and Pharmaceutical Technology (Taipei, Nov.22-25)
- 2004 ROC-Japan Joint Symposium on Particle Design, Nanotechnology and Drug Delivery (Hsinchu, May 9-11)
- 2006 China-Japan Symposium on Pharmaceutical Preparations and Particulate Design (Shenyang, May 15-17)

### Memorial photo garaly

The 24<sup>th</sup> Symposium on PPD was held at Okura Hotel in Hamamatsu, 12, 13 Nov. 2007.



Prof. S. Hidaka, President of Society of Powder Technology, Japan, Invited as a special speaker



Dr. H. Nakagami, Daiichi-Sankyo, Honoree of PPD honor 2007



Lecture room: all participants together



Pre-symposium for World Congress of Powder Technology was held by PPD in Gifu



Organizing committee members with Prof. S. Y. Lin who was the honoree of PPD



Reception: students of Meijo Univ., Gifu Pharmaceutical Univ., Kobe-Gakuin Univ.



Banquet with all participants together, more than 360 persons



Exhibition: 38 panels were presented



At the 1<sup>st</sup> PPD symposium  
 Prof. Iino (front right), Dr. Funakoshi (front left)  
 Prof. Kawashima (back right), Prof. Takeuchi (back left)



Organizing committee members in Kyoto