

# Modern Gnotobiology

## INTERNATIONAL SYMPOSIUM



TECNIPLAST

# Agenda

### DAY 1 | WEDNESDAY 15<sup>th</sup>

- 5.30 PM **WELCOME & INTRODUCTION**  
M. Di Rico
- 6.00 PM **UTILIZING GNOTOBIOLOGY TO ELUCIDATE MICROBIOME-IMMUNE INTERACTIONS**  
K. McCoy
- 6.45 PM **GATHERING TOGETHER**  
Welcome Aperitivo @  
PALACE HOTEL Varese

### DAY 2 | THURSDAY 16<sup>th</sup>

- 8.30 AM Hotel pick-up
- 9.00 AM **SESSION 1**  
**HOW TO OBTAIN GERM FREE ANIMALS AND THEIR MICROBIOLOGICAL MONITORING**
  - ▶ Caesarian section rederivation of germ-free mice: planning, procedures, and quality assurance - A. Rogala
  - ▶ Gnotobiotic Microbiological monitoring program at IGC - J. Bom
- 10.00 AM **SESSION 2 - PART I**  
**SETTING UP A GNOTOBIOTIC FACILITY**
  - ▶ Setting up a facility from scratch: lessons learned from successes and failures along the way - E. Duggan
- 10.45 AM **Q&A and Coffee Break**
- 11.30 AM **SESSION 2 - PART II**  
**SETTING UP A GNOTOBIOTIC FACILITY**
  - ▶ Facility Start Up - getting it right the first time - J. Lang
  - ▶ Housing and husbandry of gnotobiotic mice, organizational and technological aspects - M. Berard
- 12.30 PM **Q&A**
- 12.45 PM **Lunch Break: "Pizza tasting"**
- 1.45 PM **SESSION 3**  
**ROLE AND IMPORTANCE OF THE SOPs IN MANAGING A GNOTOBIOTIC UNIT**
  - ▶ Systems and methods for concurrent germfree and gnotobiotic infrastructure - R. Engelman
  - ▶ Life in a bubble: Gnotobiology at IGC - J. Bom
  - ▶ SOPs for managing small gnotobiotic unit unclosed in SPF facilities - M. Gomez
- 3.15 PM **Q&A and Round Table**
- 4.00 PM **Return to the Hotel**
- 5.30 PM **Hotel Pick-up for EVENT and GALA DINNER**
- 6.00 PM **EVENT AND GALA DINNER:**  
**Guided Private Visit @ FAI VILLA PANZA**  
**Dinner @ Ristorante LUCE**

### DAY 3 | FRIDAY 17<sup>th</sup>

- 8.30 AM Hotel pick-up
- 9.00 AM **SESSION 4**  
**TRAINING OF THE STAFF AND THE RESEARCHERS**
  - ▶ Gnotobiotic research: the training of scientific staff - M. Berard
  - ▶ Training SMART Gnotobiotic Staff  
J. Lang
- 10.00 AM **Coffee Break**
- 10.30 AM **SESSION 5**  
**SCIENTIFIC TRENDS**
  - ▶ Advantages and limitations of gnotobiotic models for understanding host-microbial interactions - M. Gomez
  - ▶ Shifting from association to mechanism: highlights of recent scientific findings using gnotobiotic mice at the U.S. National Gnotobiotic Rodent Resource Center - A. Rogala
  - ▶ Future-facing germfree and gnotobiotic infrastructure - R. Engelman
- 12.00 PM **Q&A and ROUND TABLE**
- 12.45 PM **Lunch Boxes**
- 1.00 PM **GREETINGS AND DEPARTURES**  
*Optional Tecniplast Factory Tour*

**DOWNLOAD THE  
SYMPOSIUM AGENDA:**

