PPDM AAPS PK/PD AND DRUG METABOLISM SECTION

Pharmacokinetics, Pharmacodynamics, and Drug Metabolism

The Pharmacokinetics, Pharmacodynamics, and Drug Metabolism (PPDM) Section brings together qualified individuals investigating or interested in drug and clinical action, disposition, and biotransformation. This section sustains a forum for the deliberation of issues related to biopharmaceutics, pharmacokinetics, and pharmacodynamics of new and existing drugs. PPDM provides an opportunity for presentation of new developments and for exchange of ideas by individuals engaged in various facets of pharmacokinetics, pharmacodynamics, drug metabolism, biopharmaceutics, and related sciences, facilitating the advancement of their field of activity. A further objective of the PPDM Section is to promote interaction between academia, industry, and regulatory bodies via sponsorship of workshops, symposia, and seminars.

RS AAPS REGULATORY SCIENCES

Regulatory Sciences

The Regulatory Sciences (RS) section focuses on providing its members with the tools, programming, and networking opportunities needed to help them grow in areas such as regulatory compliance, GMP, clinical and pre-clinical practices; the legal aspects of pharmaceutical development; and protection of intellectual property. Our membership is composed primarily of professionals who practice regulatory affairs in the pharmaceutical and biopharmaceutical industries, academia, and health authorities. We collaborate with other AAPS sections, sister organizations, and regulators to inform pharmaceutical scientists of the global regulatory landscape and help shape global regulatory strategies. RS section members are involved with all aspects of drug development—from discovery through life cycle management—and place a special emphasis of continuous learning and training in accomplishing their objectives.

Take advantage of these networking opportunities and actively expand your connections. Sections help guide AAPS by developing programming, contributing to committees, developing specialized focus groups, and serving the association in carrying out the vision and mission.

MEMBER BENEFIT

Benefits From Your Section Membership

- Share Experiment Results
- Explore and Disseminate Research Findings
- Exchange Ideas
- Present Scientific Data
- Examine Regulatory and Ethical Concerns
- Expand Your Network
- Participate as a Volunteer
- Broaden Your Scientific Knowledge

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AAPS Sections Concentrate your AAPS experience

Choose the section that's right for you

AAPS Sections are composed of members who share interests in broad areas of the pharmaceutical sciences. AAPS Sections unite scientific disciplines into forums to share scientific discoveries, explore, communicate and disseminate research findings, change ideas, present scientific data, and examine regulatory and ethical concerns.

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AAPS SECTIONS

APQ AAPS ANALYSIS AND PHARMACEUTICAL QUALITY SECTION

Analysis and Pharmaceutical Quality

The Analysis and Pharmaceutical Quality (APQ) Section provides an open forum for the discussion and dissemination of scientific developments, technologies, and regulatory knowledge regarding analytical technologies associated with pharmaceutical and biomedical analysis. The section also encourages the publication of analytical research and pertinent data in the official AAPS and APQ journals, and fosters graduate education and professional development for section members.

BIOTEC AAPS BIOTECHNOLOGY SECTION

Biotechnology

The Biotechnology (BIOTEC) Section is comprised of members from diverse backgrounds in industry, academia, and government who share a common interest in the rapidly evolving field of biotechnology. The primary goal of this section is to unite individuals from multiple scientific disciplines in a forum where they can address issues, share information, and experimental findings, as well as provide education and training for research, development, and commercialization of new biopharmaceuticals. Successful R&D, manufacturing, delivery, and commercialization of biotechnology derived drugs requires input and participation from scientists across diverse fields, including modern biochemistry and molecular biology, cell culture, formulation sciences, drug delivery, analytical biochemistry and immunology, pharmacokinetics, metabolism, regulatory affairs, and clinical science.

CPTR AAPS CLINICAL PHARMACOLOGY AND TRANSLATIONAL RESEARCH SECTION

Clinical Pharmacology and Translational Research

The Clinical Pharmacology and Translational Research (CPTR) Section provides the clinical research dimension within the comprehensive range of pharmaceutical sciences represented in AAPS and is concerned with developing knowledge and understanding related to the clinical use of pharmaceuticals (chemical agents and biological agents). The CPTR Section serves as a forum for those scientists engaged in research on the therapeutics and clinical assessment of drugs and biologicals. This section addresses the rational application of pharmaceutical and related sciences in the clinical setting, including the following: experimental design, conduct and analysis of clinical trials; regulatory aspects of clinical trials and drug registration; risk assessment, therapeutic extrapolation from animals to humans; pharmacoepidemiology; drug interactions; and in appropriate populations, therapeutic efficacy/safety and the response to alternative dosage forms. The CPTR Section provides an opportunity for interaction between scientists in academia, government, and industry who are engaged in clinical research. The section facilitates the interaction of AAPS members with scientists from other clinical organizations using joint formats such as symposia, workshops, and regional/national meetings.

DDDI AAPS DRUG DISCOVERY AND DEVELOPMENT INTERFACE SECTION

Drug Discovery and Development Interface

The Drug Discovery and Development Interface (DDDI) section focuses on issues at the critical interface between drug discovery and drug development and provides a collaborative forum for interactions among scientists from academia, industry (large and small pharma), and government institutions. DDDI welcomes participation of all AAPS members (as well as colleagues from other professional organizations) whose efforts are directed toward discovering, optimizing, and effectively transitioning preclinical candidates into the clinical development phase.

FDD AAPS FORMULATION DESIGN AND DEVELOPMENT SECTION

Formulation Design and Development

The Formulation Design & Development Section is comprised of members who share a common interest in the area of formulation design, research and development. The primary goal is to unite multiple scientific disciplines in a forum where they can share experimental results, consider new formulation and dosage form technologies, and discuss issues and concerns regarding the design and development of formulations/drug products for all dosage forms. Aspects include the study of dosage forms for drug delivery via all routes of administration wherein the dosage form encompasses the formulation, process by which it is made, and primary packaging. The Section's focus on development includes product design, delivery systems and technology, stability, quality, and performance both in vitro and in vivo that is appropriate to its development stage.

MSE AAPS MANUFACTURING SCIENCE AND ENGINEERING SECTION

Manufacturing Science and Engineering

The Manufacturing Science and Engineering (MSE) Section of AAPS brings together all members who are interested in and contribute to the application and advancement of science and technology as it relates to the process development and manufacture of pharmaceutical and pharmaceutically related products including medical devices and active pharmaceutical ingredients. It will provide a forum for exchange of information and networking between members and with members of allied sections and organizations. Areas of specific interest include pharmaceutical product manufacturing (both investigational and commercial), quality assurance and engineering principles as applied to manufacturing, process optimization, scale-up and technology transfer, and quality systems including manufacturing technical support and quality by design.

PPB AAPS PHYSICAL PHARMACY AND BIOPHARMACEUTICS SECTION

Physical Pharmacy and Biopharmaceutics

The Physical Pharmacy and Biopharmaceutics (PPB) Section is composed of AAPS Members whose scientific interests are in the physicochemical and biological factors that impact the design and delivery of small molecules and biologics. PPB is a multidisciplinary section that focuses on preformulation, biopharmaceutics, drug absorption, nanotechnology, and drug delivery systems design and performance including targeted drug delivery. PPB provides an interactive forum for the exchange of information pertaining to the selection of developable drug candidates at the drug discovery-development interface, characterization of drug substance and excipients, studies of relationships between drugs' physicochemical and biopharmaceutical properties and physiological considerations at the cellular, organ, and whole animal levels, and overcoming drug absorption and delivery barriers via drug delivery technologies.