**Classification of General Sessions (Oral/Poster Presentations) with Code No.**

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| --- | --- | --- | --- |
| **Track** | **Sub-track** | **Item (s)** | **CODE** |
| **Pharmaceutical Technology and Drug Delivery** **(PD)** | Pharmaceutical Sciences(01) | * Biopharmaceutics and pharmacokinetics
* Pharmaceutical formulation
* Controlled drug delivery
* Targeted drug delivery
* Pharmaceutical nanotechnology
* Pharmaceutical stability
* Others
 | 0101010201030104010501060107 |
| Manufacturing Pharmacy(02) | * Pharmaceutical excipients
* Pharmaceutical engineering
* Pharmaceutical manufacturing and process validation
* Others
 | 0201020202030204 |
| Cosmetic Sciences(03) | * Cosmetic actives and formulation
* Cosmeceutical sciences
* Evaluation of cosmetic products
* Others
 | 0301030203030304 |
| **Pharmaceutical Chemistry****(PC)** | Medicinal Chemistry (04) | * Drug discovery, design and development
* Chemical synthesis
* Radiopharmaceuticals
* Others
 | 0401040204030404 |
| Pharmaceutical Analysis (05) | * Classical methods
* Instrumental methods
* Miscellaneous methods
* Others
 | 0501050205030504 |
| **Biopharmaceutical Sciences and Pharmaceutical****Biotechnology** **(BB)** | Biochemistry(06) | * Human Genetics: Epigenetic, etc.
* Precision medicine: Biomarkers, Molecular biology, Genome technology, Pharmacogenomics
* Gene therapy, Stem cells, Cell based therapy
* Structures and functions of cells: Biomembranes, organelles, and cellular transport, Intracellular signaling, Cellular responses, Autophagy, Apoptosis, Cellular stress, Cell division and cell cycle regulation, Cell adhesion, Cytoskeletons
* Others
 | 06010602060306040605 |
| Microbiology(07) | * Microbial Genetics
* Pathogenesis and infection
* Antimicrobial agents: New compounds, New applications
* Antimicrobial resistance: Epidemiology, Mechanisms
* Biologics: Vaccines and bioactive agents
* Bioinformatics: *in silico* Molecular modeling, Database, Data mining
* Cell and Gene Therapy: Gene editing technologies, Cell-based therapies
* Immune system and biological defense
* Microbial identification and detection
* Biotherapeutics
* Microbiomes
* Others: Food microbiology, Industrial Microbiology
 | 0701070207030704070507060707070807090710071107120713 |
| **Pharmacology, Toxicology, and Physiology** **(PP)** | Pharmacology (08) | * Evaluation of drug efficacy and safety
* Pharmacokinetics
* Pharmacodynamics: Receptors, channels, and transporters Intracellular signaling and Drug metabolism
* Pharmacogenomics
* Systemic Pharmacology: Central nervous system/ Peripheral nervous system/Endocrine and metabolic systems/ Inflammation/ Immune system/Circulatory system/Respiratory system/Digestive system/Skeletal muscles and smooth muscles/Kidney, urinary organs and reproductive organs/ Bones and joints/Blood and hematopoietic system/Skins and sensory organs
* Molecular pharmacology
* Pharmacotherapy of cancer
* Chemotherapy of infectious agents
* Multi-omics/ Proteomics
* Others: Cannabinoid
 | 080108020803080408050806080708080809081008110812 |
| Physiology(09) | * Aging
* Clinical physiology
* Cell and Molecular
* Comparative and systemic physiology: Cardiovascular, endocrine, Neurophysiology, GI, Liver, and Pancreas, Renal, Reproductive, Respiratory, Skeletal muscle/Smooth muscle, and Immune system
* Molecular pathogenesis of cancer and fibrosis
* Exercise
* Metabolism
* Others
 | 09010902090309040905090609070908 |
| Toxicology(10) | * ADME/Toxicokinetic
* Toxicodynamic and Toxicological testing
* Systems Biology and Toxicology: Molecular Toxicology/Neurotoxicity/Genotoxicity/Ocular Toxicology/ skin toxicity/Epigenetics
* Safety Assessment
* Others
 | 10011002100310041005 |
| **Phytopharmaceuticals and Nutraceuticals (PN)** | Pharmacognosy and Pharmaceutical Botany(11) | * Taxonomy
* Cultivation and new breed
* Genes, biosynthesis
* Plant biotechnology
* Ethnobotany/traditional medicine
* Quality evaluation/qualitative and quantitative analysis
* Pharmacognosy and phytochemical study
* Isolation and structure elucidation
* Bioactivity
* Others
 | 11011102110311041105110611071108110911101111 |
| Nutraceuticals(12) | * Food constituents
* Functional foods
* Food additives
* Food contaminants
* Analytical methods and measurement
* Others
 | 120112021203120412051206 |
| **Pharmaceutical Education & Practice (PE)** | Pharmaceutical Education(13) | * Introductory education at undergraduate level
* Graduate education
* Others
 | 130113021303 |
|  | Professional Practice(14) | * Pharmacy practice experience/Internship training
* Continuing professional development of pharmacists
* Others
 | 140114021403 |
| **Clinical Pharmacy and Personalized Medicine (CP)** | Clinical Pharmacy(15) | * Drug management
* Drug information
* Therapeutic drug monitoring (TDM) and administration plans
* Clinical pharmacy services
* Community pharmacy, home medical care, and community health care
* Rational Drug Use
* PK/PD
* Pharmacovigilance
* Clinical trials
* Others
 | 15011502150315041505150615071508150915101511 |
| Personalized Medicine(16) | * Pharmacogenomics
* Pharmacotherapies (Personalized therapies)
* Others
 | 160116021603 |
| **Social and Administrative Pharmacy** **(SP)** | Social and Administrative Pharmacy(17) | * Health policy
* Health economics
* Pharmacy administration
* Outcome research
* Others
 | 17011702170317041705 |