

IBTRS 2022 Sections (detailed)

- **Public Health**
 - **Human infectious disease and Epidemiology** (incl healthcare associated and vaccine-preventable infections);
 - **Socially dangerous diseases** (HIV/AIDS, Hepatitis, TB etc.; diagnostics & epidemiology, vaccines, and susceptibility/resistance);
 - **COVID-19** (epidemiology, diagnostics, vaccination, infection control, and response).
- **Veterinary medicine and Food Safety**
 - **Animal/poultry infectious disease and Epidemiology** (surveillance, diagnostics, treatment, prevention, and control of the infectious diseases of domestic, industrial, and wild animals and birds; monitoring and studies of animal/bird pathogens; vaccination of animals and poultry);
 - **Animal EDPs and Emerging infections** (Animal/bird extra dangerous pathogens, new emerging, and reemerging pathogens/diseases incl ASF, bluetongue etc.);
 - **Food Safety Zoonotic diseases** (incl foodborne and waterborne pathogens and One Health aspects).
- **One Health**
 - Zoonotic diseases (zoonoses, surveillance/epidemiology, diagnostics, treatment, control, and response for the diseases transmitted between species from animals to humans (or from humans to animals; zoonotic pathogens);
 - Vector-borne diseases (surveillance, diagnostics, treatment, and control of infections transmitted to humans and animals by blood-feeding arthropods; monitoring and studies of the arthropod vectors and causative agents of the vector-borne diseases).
- **Antibiotic resistance** (resistance surveillance & epidemiology: MRSA, VRE & other, clinical outcome of resistant infections, spread of resistance, policy aspects of AMR).
- **Method Development and Laboratory Diagnostics** (diagnostic bacteriology – culture based and general microbiology, Lab management (incl automation, information, QC/QA), immunological diagnosis, molecular diagnostics, genomics, bioinformatics and other novel diagnostic technologies).
- **Biosafety, biosecurity and BioRisk management** (incl BS&S regulations, education, SOP development, and disinfection & biocides).