Course Objectives
The aim of the course is to explore and discuss with the participants the importance of gender and age in infectious diseases. Theoretical background will be presented and then an overview of gender and biological differences in the field of treatment and diagnosis of infectious diseases, microbiology and immunology will be presented. Selected topics including infections, vaccination and antimicrobial treatment will be elucidated and discussed in depth. The later afternoons and the following social programme will be a dedicated workshop to support the participants’ scientific work creating the emergence of a novel synthesis of known facts, ideas and sound methodology.
Wednesday, 2 September 2015
15:00 Welcome
Session 1: Infections – do gender and age play a role?
15:30 Introduction
16:00 Health care distribution according to gender – examples from the Swedish health care system
16:30 Immune response and gender
17:00 Break
17:30 Travel-related infections in the elderly: prevention and management
18:00 Hepatitis: limitations of treatment in women and elderly

Thursday, 3 September 2015
Session 2: Immunology – do gender and age play a role?
09:00 Theory of gender medicine
10:00 Vaccination in elderly
10:30 HIV in men, women and elderly
11:00 Break
Session 3: Workshop 1
11:15 Interactive session: practical examples of gender & age aspects of clinical trials
13:00 Lunch
Session 4: Parasitic & nosocomial infections – effects of sex
14:00 Malaria
14:30 Chagas disease
15:00 Intestinal parasites
15:30 Nosocomial infections and gender
16:00 Break
Session 5: Gender and antimicrobial prescription
16:30 The complex relation between antibiotic prescription and resistance
17:00 Opportunities for antibiotic control in the elderly to prevent resistance development
17:30 Antibiotic prescription in the community: does gender make a difference?
18:00 Antibiotic prescription in nursing homes

Friday, 4 September 2015
Session 6: Urogenital tract infection and antimicrobial therapy
09:00 Treatment of UTI according to age and gender
09:30 Prevention of UTI according to age and gender
Session 7: Bloodstream infections and antimicrobial therapy
10:00 MRSA infections and impact of gender
10:30 Long term indicators for bloodstream infections: importance of age
11:00 Break
Session 8: Workshop 2
11:30 Cases (focused on infections in the elderly) selected among those sent by the students for presentation and discussion
13:00 Conclusions and anticipatory remarks