

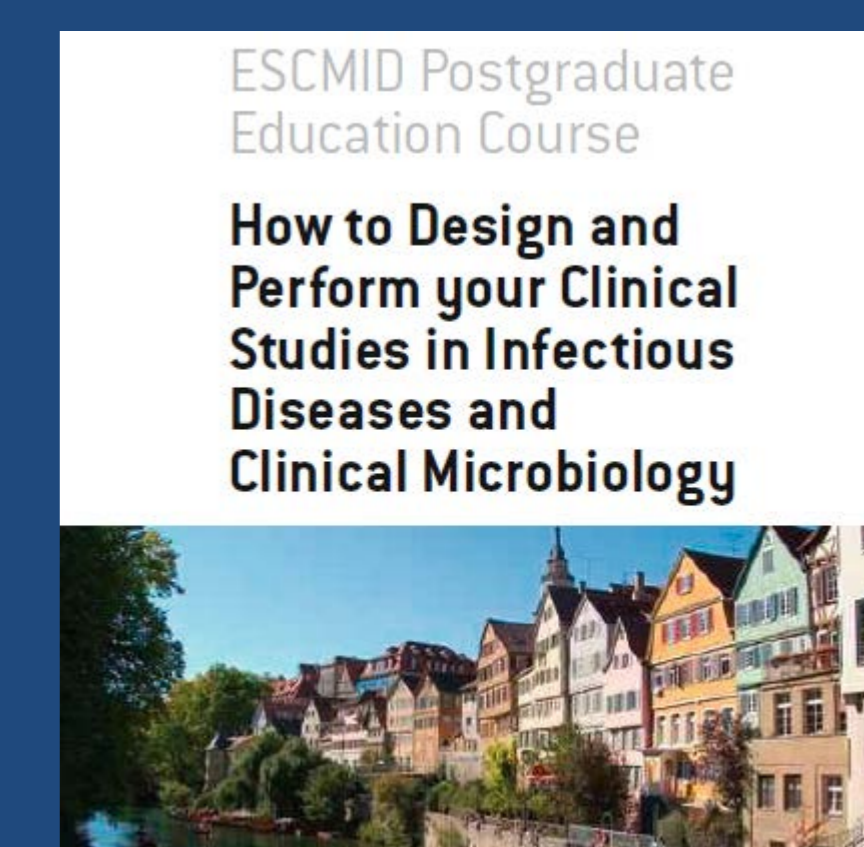
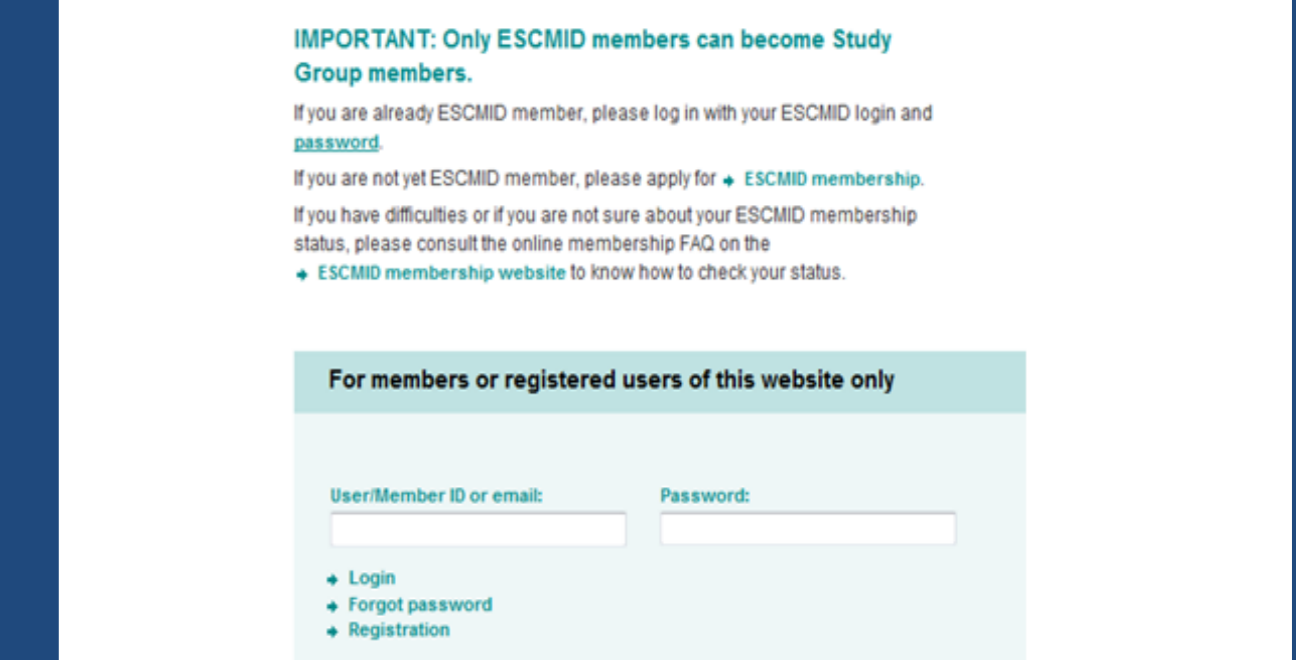
## Rationale

- Increase of human life expectancy: persons > 85 ys fastest growing segment of population
- Projection for old (65-79 years) and very old persons (> 80 years): through 2060 15% and 9% of population
- Infections in the elderly major challenge for physicians due to: high frequency, different epidemiology, atypical clinical presentation, age-related modifications in drug metabolism

**Need for organized programs addressing infectious disease issues in the elderly persons to improve their care**

## To become ESGIE member

[http://www.escmid.org/research\\_projects/study\\_groups/elderly\\_infections/esgie\\_membership\\_application/](http://www.escmid.org/research_projects/study_groups/elderly_infections/esgie_membership_application/)



## Main completed activities

### PUBLICATIONS:

#### Theme issue in Clinical Microbiology and Infection “Infections in the elderly”.

- The impact of drug interactions and polypharmacy on antimicrobial therapy in the elderly. A. Corsonello, et al
- Special considerations of antibiotic prescription in the geriatric population. CL Beckett et al
- Strategies and Challenges of Antimicrobial Stewardship in Long-Term Care Facilities. OJ. Dyar, et al
- Ethical dilemmas in antibiotic treatment: focus on the elderly. L Leibovici, M Paul.

#### Publications resulting from the ESCMID Study Group Research Grant 2013 entitled “The participation of the elderly in randomized controlled trials of antibiotic treatment”

- Participation of elderly patients in randomized controlled trials addressing antibiotic treatment of pneumonia. Journal of the American Geriatrics Society. T Avni, et al
- Elderly exclusion from randomised clinical trials on the treatment of antimicrobial resistant infections. ECCMID 2014 Barcelona P0257. G De Angelis, et al.

## Ongoing projects

### Infectious diseases - clinical microbiology - infection control staffing survey in hospitals



**Deadline: 1 May 2015**

In an attempt to define standard personnel to hospital bed ratio we designed the current survey. Hospitals will be de-identified for the analysis and reporting.

How many staff persons are dedicated to the management of infectious diseases, clinical microbiology and infection control in **your hospital**? **Help us define** a standard staff/bed ratio!

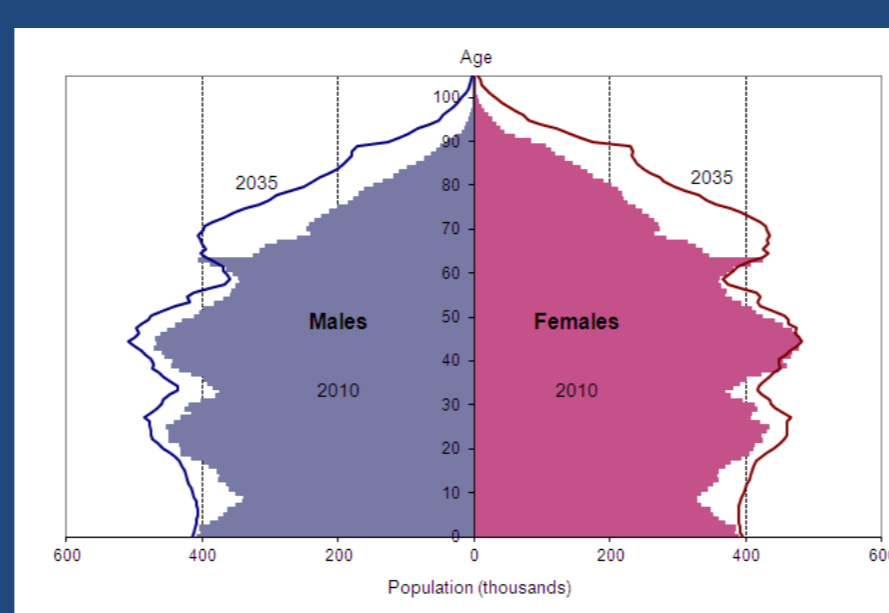
<http://www.surveymonkey.com/s/ID-CM-IC-StaffingSurvey>

### The participation of the elderly in randomized controlled trials of antibiotic treatment

Summary: Evidence to date shows that the elderly are frequently under-represented in randomized controlled trials (RCTs). No information is available on the participation and evaluation of the elderly in RCTs of antibiotic treatment. We plan to examine the current state of the art regarding planned and actual participation of the elderly in randomized controlled trials of antibiotic treatment, examine whether age-specific analyses were performed in such trials and evaluate how relevant results are to elderly patients. We will conduct a series of systematic reviews of RCTs including adults with pneumonia (completed), urinary tract infection, abdominal infections and skin/ soft-tissue infections (completed), assessing different antibiotics or antibiotic regimens. Based on the results observed, we will develop consensus recommendations for the inclusion and evaluation of the elderly in clinical trials of antibiotic treatment

## Upcoming Educational activities outside ECCMID

ESCMID Postgraduate Technical Workshop: “Improving Patient Safety: the Neglected Impact of Age and Gender”. Barcelona, Spain, 2 - 4 Sep 2015. Organisers: ESCMID Parity Commission ESGIE, ESGCP, ESGITM



ESCMID Postgraduate Education Course: “Moving antimicrobial stewardship forward in special population settings”.

Ferney Voltaire, France, 24 - 25 September 2015.

Organisers: ESGIE, ESGAP, EPASG, Annecy-Genevois Hospital Centre (CHANGE), Société de Pathologie Infectieuse de Langue Française (SPILF)



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