

## National AMR research program

### Country: Italy

- Priority Research areas including the identification of the spread of new resistance patterns; study of resistance mechanisms and mechanisms for disseminating resistance genes and multi-resistant clones; therapeutic strategies aimed at reducing the onset of resistance to existing antibiotics; studies aimed at treating infections from multi-resistant or pan-resistant germs; studies aimed at evaluating interventions on the appropriate use of antibiotics in the areas of most inappropriate (urinary tract infections, high respiratory tract infections, COPD, pharynx tonsillitis in the baby, prophylactic / mass treatment in the veterinary sector); r studies aimed at evaluating interventions to prevent and control infections in specific settings; or studies aimed at facilitating the spread of rapid diagnostics in the various intervention settings; studies aimed at assessing the impact on AMR of specific vaccination strategies (where applicable; Model studies and rapid diagnostic algorithms (diagnostic stewardship) for targeted and appropriate therapy
- Identify operational tools to promote participation in European calls on the AMR issues
- Promote the transfer to Health system of preventive, diagnostic, therapeutic and organizational innovations
- Promote coordinated transfer actions in all areas of prevention, diagnosis, assistance and organizational priority areas for AMR
- Promote the dissemination and availability of research results

### National research calls and year

- 2017 National Call (Ricerca Finalizzata); it focus on the development of objective projects selected by researchers and it is open to all SSN researchers. For the implementation of the projects, the recipients of the projects may use the collaboration of other Public and Private Research Institutes, Universities and also public or private companies, based on agreements, conventions or contracts for carrying out research activities multi center, of specific design parts;
- 2016 Independent Research from Drug National Agency (AIFA) with the following areas considered of great interest:
  - Rare diseases; Delicate populations; Gender Medicine and 2017 Prevention National Call (CCM National Centre for Disease Prevention and Control)  
CCM has funded several projects on antimicrobial resistance and also the CCM 2017 Program, in the field of Communicable Pathologies (Areas of the National Prevention Plan 2014-2018), has included the Design Line on the Prevention and Control of Antimicrobial resistance and infections related to hospital care.

### National coordinate structure

The National AMR Research Plan aims to introduce a cross-sectoral working group (by 2018) to ensure co-ordination of funding for research on AMR at national and international level or make proposals for identifying resources for research projects on the subject of AMR and ICA control as a priority research area.