

Vaccine

RECOOP HST Research Activity Inventory					
Please complete the template for each selected project your organization would like to share with the partners of the RECOOP HST Consortium and would like to invite other organizations to write FP7 or NIH proposals.					
Organization	Faculty of Military Health Sciences, University of Defence				
Area of the Research	MAJOR INFECTIOUS DISEASES: TO CONFRONT MAJOR THREATS TO PUBLIC HEALTH				
Title of the Research Activity	New vaccination strategies in communicable diseases control				
Department (complete address)		Principal Investigator or Head of the Research Group			
Department of Epidemiology Faculty of Military Health Sciences, University of Defence Trebesska 1575 500 01 Hradec Kralove Czech Republic		Name: Roman Prymula			
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Abstract	Maximum 500 characters				
Infectious diseases pose a major threat to the EU. The use of vaccines has had, and will continue to have, very considerable impact on public health. It is, therefore, highly important to maintain a coordinated preparedness strategy. This project identifies a portfolio of strategic issues that have to be tackled to exploit the continuing potential of vaccines. In spite of the diversity of vaccination schedules general principles should be adopted. Looking ahead to define emerging issues so as to inform priorities for new policy development.					
Methods used	Maximum 300 characters				
Epidemiological analysis. New vaccines development. Testing immunogenicity, reactogenicity and efficacy of new vaccines. Pharmacoeconomics of various immunization schedules and mass strategies.					
Related references (max 3)	Indicate the impact factor of the cited reference				
Prymula R, Peeters P, Chrobok V, Kriz P, Novakova E, Kaliskova E, Kohl I, Lommel P, Poolman J, Prieels JP, Schuerman L.: Pneumococcal capsular polysaccharides conjugated to protein D for prevention of acute otitis media caused by both Streptococcus pneumoniae and non-typable Haemophilus influenzae: a randomised double-blind efficacy study. Lancet. 2006 Mar 4;367(9512):740-8. (IF=23,878)					
Schuerman L, Prymula R, Henckaerts I, Poolman J.: ELISA IgG concentrations and opsonophagocytic activity following pneumococcal protein D conjugate vaccination and relationship to efficacy against acute otitis media. Vaccine. 2007 Mar 1;25(11):1962-8. (IF=2,822)					
Schuerman L, Prymula R, Chrobok V, Dieussaert I, Poolman J.: Kinetics of the immune response following pneumococcal PD conjugate vaccination. Vaccine. 2007 Mar 1;25(11):1953-61. (IF=2,822)					
Related Inventions Disclosures and Patents	none				
Planning grant application (please mark your selection with X)		FP7		NIH	
Only participating in projects (please mark your selection with X)		FP7	x	NIH	x