DESCRIPTION

Vaccine has an open access companion journal Vaccine: X.

Vaccine is unique in publishing the highest quality science across all disciplines relevant to the field of vaccinology - all original article submissions across basic and clinical research, vaccine manufacturing, history, public policy, behavioral science and ethics, social sciences, safety, and many other related areas are welcomed. The submission categories as given in the Guide for Authors indicate where we receive the most papers. Papers outside these major areas are also welcome and authors are encouraged to contact us with specific questions. We also invite authors to submit relevant basic science and clinical reviews, methodological articles, opinion and commentary pieces, visual pieces, and letters. Authors are required to consult the Guide for Authors as the submission guidelines are dynamic and therefore subject to change.

The Editors retain the right to desk reject submissions without peer review when it is clear that the Guide for Authors and the submission categories have not been consulted.

AUDIENCE

Research workers, product developers, clinicians and practitioners with interests in virology, bacteriology, parasitology, mycology, immunology, genetics, biotechnology and biochemistry in the medical and veterinary fields.

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AIDS Information
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Influenza vaccine, clinical research, vaccine-preventable diseases in children and adults, travel vaccines, emerging infectious diseases

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Adjuvants; liposomes; antibodies to lipids; antibodies to drugs of abuse; vaccine carriers

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Influenza, norovirus, respiratory viruses, enteric viruses

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Preclinical and Clinical Vaccine Development, Influenza Vaccines, Lyme Disease Vaccines, Flavivirus Vaccines, Alphavirus Vaccines

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Vaccines for sexually transmitted infection, Mucosal vaccines, Transcutaneous vaccination, Development of novel adjuvants

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Veterinary vaccines, especially vaccines against avian and swine influenza, pestivirus vaccines, orbivirus vaccines, and "recombinant viral vaccines", virology, especially the field of Pestiviruses (BVDV, CSFV, BDV), Influenza viruses (animal influenza A viruses), Orivirus (e.g. Bluetongue virus), Schmallenberg virus. Vaccines for viral diseases (especially "recombinant vaccines") 3. Diagnostics for viral diseases (especially "molecular diagnostics")

Igor Belyakov, Gaithersburg, Maryland, United States
Mucosal vaccines, viral immunology and vaccines, HIV/SIV vaccines, adjuvant, CD8+CTL and MHC class I

Paolo Bonanni, University of Florence Department of Health Sciences, Firenze, Italy
Vaccination strategies, surveillance, economics, safety

Xavier Bosch, Catalan Institute of Oncology Cancer Epidemiology Research Programme, Barcelona, Spain
HPV

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Innate regulation of mucosal immune responses, Adjuvants and mucosal vaccines, Mucosal immunity and allergy, Microbiota

David Briles, The University of Alabama at Birmingham, Birmingham, United States of America
Streptococcus pneumoniae, virulence, host immunity, vaccines, virulence factors, mechanisms of virulence, vaccine antigens

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Virus, Vaccine, Ebola, Respiratory Syncytial Virus, Pathogenesis, Antibody.

Antonella Caputo, University of Ferrara Department of Chemical and Pharmaceutical Sciences, Ferrara, Italy
Vaccine development, preclinical model, immune responses, nano-micro particles, viral infections

Antonio Cassone, University of Perugia, Perugia, Italy
Parasitic and Immune-mediated Diseases

Yung-Fu Chang, Cornell University, Ithaca, United States
Microbial pathogenesis, vaccine and adjuvant, glycoengineering vaccine, animal models, proteomics.

Allan Cripps, Griffith University - Gold Coast Campus, Southport, Australia
Mucosal immunology, lung, middle ear, gastrointestinal tract, conjugate vaccines, oral vaccines, microbiome, probiotics, immune modulation, inflammation.

Roy Curtiss III, University of Florida, Gainesville, United States of America
Biotechnology, genetics, microbiology, immunology, vaccinology

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Pediatric infectious diseases, Vaccines, Respiratory infections, Otitis media, Streptococcus pneumoniae disease and prevention

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Epidemiology, prevention, infectious diseases

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Biology – Vaccinology – Experimental Cancerology – Public health

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Policies and strategies, vaccine efficacy and effectiveness, vaccine safety, post-market surveillance, decision making epidemiology and modeling

Kathryn M. Edwards, Vanderbilt University School of Medicine, Nashville, United States
Pertussis disease and vaccines; Influenza vaccines; Adjuvants; Vaccine safety; Pediatric vaccines

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Virology, Immunology

Ian Hector Frazer, The University of Queensland Diamantina Institute, Brisbane, Australia
Papillomaviruses, Oncogenic viruses, Vaccines, Viral immunology

Tong-Ming Fu, Sanofi Pasteur Biologics Co, Cambridge, United States
Virus, neutralization, monoclonal antibodies, adjuvants, T-cells

Jose de la Fuente, University of Castilla La Mancha Research Institute of Hunting Resources, Ciudad Real, Spain
Molecular biology, vaccinology, immunology, biotechnology, tick

Kohtaro Fujihashi, The University of Alabama at Birmingham, Birmingham, United States of America
Mucosal vaccine development, Mucosal infection and immunity, Oral tolerance, T cells and dendritic cells

James Galen, University of Maryland Baltimore, Baltimore, United States of America
Genetic engineering of bacterial protein expression systems (both chromosomal and plasmid-based), Salmonella vaccines (typhoidal and non-typhoidal), bacterial live vector-based vaccines

Adolfo Garcia-Sastre, Icahn School of Medicine at Mount Sinai Department of Microbiology, New York, United States
Influenza, RNA virus-host interactions, interferon

John W. Glasser, Centers for Disease Control and Prevention, Atlanta, United States of America
Infectious diseases, mathematical modeling, public policy

Dan Granoff, UCSF Benioff Children's Hospital Oakland, Oakland, United States
Meningococcal Vaccines. Factor H binding Protein

Marie Griffin, VANDERBILT UNIVERSITY MEDICAL CENTER, Nashville, United States
Pharmacoepidemiology, Vaccine Safety, Geriatrics

Carlos Guzman, Helmholtz Centre for Infection Research Department of Vaccine and Applied Microbiology, Braunschweig, Germany
adjuvants, mucosal adjuvants, mucosal delivery, humanized mice

Robert Hall, National Institute of Allergy and Infectious Diseases, Bethesda, United States
Cholera, E. coli, enteric bacteria

Scott Halperin, Dalhousie University, Halifax, Canada
Bacteriology, Vaccinology, Pertussis, Clinical Trials Immunization, Meningococcal Vaccine, Influenza Vaccine

Ali Harandi, University of Gothenburg, Gothenburg, Sweden
1. Vaccine adjuvants 2. mucosal immunity and vaccines 3. genital tract immunity 4. vaccine against genital herpes

Jorma Hinkula, Linköping University, Linköping, Sweden
Virology, Vaccines, Monoclonal antibodies, Mucosal immunity, Animal models, Antivirals

Kiyoko Iwatsuki-Horimoto, The Institute of Medical Science The University of Tokyo, Tokyo, Japan
Influenza, Negative strand RNA virus, Molecular biology

Lisa Jackson, Kaiser Permanente Washington Health Research Institute, Seattle, United States
Influenza vaccines, pneumococcal vaccines, vaccine safety

Rodrigo Jiménez-García, Rey Juan Carlos University, Madrid, Spain
Influenza vaccines, pneumococcal vaccine, epidemiological studies on vaccine coverage, vaccines in high risk groups such as diabetics, COPD sufferers or heart disease sufferers.

**Mark Jit**, Public Health England, London, United Kingdom
Mathematical modelling, health economics and national decision making around vaccination programmes. Vaccine-preventable diseases I am particularly familiar with are, HPV, rotavirus, pneumococcus, influenza (seasonal and pandemic), tuberculosis and measles

**Yoshihiro Kawaoka**, University of Wisconsin at Madison, School of Veterinary Medicine; Influenza Research Inst., Dept. of Pathobiological Sciences, Madison, United States
Influenza, ebola, COVID-19, SARS-CoV-2, Pathogenesis

**Stephen Kent**, The University of Melbourne Department of Microbiology and Immunology, Melbourne, Australia
HIV vaccines, macaques, SIV, ADCC antibodies

**Ki Hong Kim**, Pukyong National University, Busan, Korea, Republic of
Recombinant or attenuated bacterial vaccines in fish, recombinant or attenuated viral vaccines in fish, vaccines against parasitic diseases in fish, immunostimulants and adjuvants used for fish and shellfish, RNA interference-mediated protection against viral diseases in fish

**Dennis Klinman**, Frederick National Laboratory for Cancer Research, Frederick, United States
DNA vaccines, Antrax vaccines, TLR-based vaccine adjuvants (particularly CpG ODN), whole-cell based cancer vaccines

**Keith Klugman**, Bill and Melinda Gates Foundation, Pneumonia program, Seattle, United States
Pneumococcal conjugate vaccine, typhoid Vi vaccine

**Eiji Konishi**, Osaka University Research Institute for Microbial Diseases, Osaka, Japan
Flavivirus, mosquito-borne virus, DNA vaccine

**Thomas Lehner**, Guy's Hospital, London, United Kingdom
Vaccination against HIV or SIV, the effect of stress on immunity, mechanism of immunological memory

**Margaret Liu**, Karolinska Institute, Huddinge, Sweden
DNA vaccines, T cell immunity, vacciens for HIV and influenza, immunotherapy, Prime boost immunization

**Pier Luigi Lopalco**, European Centre for Disease Prevention and Control, Solna, Sweden
Vaccine preventable disease epidemiology, vaccine preventable disease surveillance, post-marketing vaccine monitoring, epidemiological aspects of vaccination

**Shan Lu**, University of Massachusetts Medical School, Worcester, United States of America
Vaccines, HIV, influenza, biodefense agents, emerging infectious diseases.

**Raina MacIntyre**, University of New South Wales, Sydney, Australia
Adult immunisation, influenza, herpes zoster, pneumococcal disease, vaccines

**Helena Maltezou**, National Public Health Organization, Athens, Greece
Healthcare personnel vaccinations, influenza epidemiology, pregnant women, vaccination policies

**Tetsuro Matano**, National Institute of Infectious Diseases AIDS Research Center, Tokyo, Japan
HIV vaccine, viral vector vaccine, T-cell responses, monkey AIDS model

**Peter McIntyre**, Children's Hospital at Westmead, Westmead, Australia
Immunisation Registers, Serosurveillance, Vaccine effectiveness, Pertussis, Pneumococcal infections

**Dennis Metzger**, Albany Medical College, Albany, United States
Respiratory tract and approaches to induce protection against pulmonary pathogens, including influenza virus and Streptococcus pneumoniae, as well as to prevent deadly co-infections by those two pathogens

**Mark Miller**, National Institutes of Health, Bethesda, United States of America
Vaccine policy and economics, including health outcomes; International programs and vaccines; Computational biology and mathematical modelling of vaccine programs

**Anthony Newall**, University of New South Wales, Sydney, Australia
Infectious diseases, economic evaluation, cost-effectiveness, epidemiology, vaccine-preventable diseases

**Peter Newman**, University of Toronto, Toronto, Canada
HIV

**Slobodan Paessler**, UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON, Galveston, United States
RNA viruses, encephalitic viruses, hemorrhagic viruses, respiratory viruses

**Peter Palese**, Icahn School of Medicine at Mount Sinai, New York, United States
Antivirals, Apoptosis/Cell Death, Biodefense, Coronavirus, Influenza Virus, Interferon, Interferon Antagonists, Nipah Virus, Paramyxovirus, RNA, SARS Virus, Vaccine Development, Virulence Genes

**Marcela Pasetti**, University of Maryland Baltimore, Baltimore, United States of America
Vaccine Immunology, pediatric vaccines, maternal-infant immunity, correlates of protection, mucosal immunity

**Stephen Pelton**, Boston Medical Center, Boston, United States
Pneumococcal disease, colonization and prevention (specifically in children), acute otitis media, chronic suppurative otitis media, meningococcal disease and vaccines, epidemiology, treatment and prevention of HIV in children

**Michael Pichichero**, Rochester General Hospital Research Institute, New York, United States  
Bacterial respiratory bacteria, streptococcus pneumonia, haemophilus influenza, Moraxella catarrhalis, group A streptococcus, Pertussis, pediatric vaccines, immunology of vaccine responses in neonates and children

**Stanley Plotkin**, Sanofi Pasteur, Doylestown, United States  
Rubella, Cytomegalovirus, Pertussis, Rotavirus

**Maarten Postma**, University of Groningen, Groningen, Netherlands  
Pharmacoeconomics; health economics; reimbursement; health technology assessment; mathematical modelling

**Nicola Principi**, University of Milan, Milan, Italy  
Pediatrics, Infectious Diseases, Vaccines, Antibiotics, Immunology

**Roman Prymula**, Charles University Faculty of Medicine in Hradec Kralove Department of Social Medicine, Hradec Králové, Czech Republic  
Pneumococcal vaccines, MMRV, TBE vaccines, meningococcus B vaccines

**Rino Rappuoli**, GSK Vaccines SRL, Siena, Italy  
Bacterial toxins, infectious diseases, reverse vaccinology

**Steven Reed**, Infectious Disease Research Institute, Seattle, United States  
Immunological response to mycobacteria infections

**Guus Rimmelzwaan**, University of Veterinary Medicine, Research Center for Emerging Infections and Zoonoses, Hannover, Germany  
Virus, Infection, Vaccines, Immunity, T cells

**Lance Rodewald**, Centers for Disease Control and Prevention, Atlanta, United States of America  
Any study with coverage as an outcome, Provider knowledge, attitude and practise studies, Studies about parental confidence in vaccines, Global vaccination studies - related to the Expanded Program on Immunization priorties, Polio eradication and measles elimination studies

**Ted Ross**, Vaccine and Gene Therapy Institute of Florida, Port Saint Lucie, United States  
Development of Broadly Reactive Vaccines, COBRA modeling, Influenza, HIV, Dengue

**Mark Rozenbaum**, Pfizer BV, Capelle Aan Den Ijsel, Netherlands  
Health economics/cost effectiveness evaluations, pneumococcal and pertussis vaccines, epidemiology of pneumococcal and pertussis disease

**Xavier Saelens**, Ghent University, Gent, Belgium  
1. Influenza A and B vaccine development (preclinical research) 2. Vaccine development against human and bovine Respiratory Syncytial virus 3. Innate immunity against influenza and RSV, e.g. applied as adjuvant strategies 4. State of the art recombinant vaccine antigen expression systems

**William Schaffner**, Vanderbilt University School of Medicine, Nashville, United States  
Infectious Disease, Preventative Medicine, Immunization Policy

**David Scheifele**, BC Children's Hospital, Vancouver, Canada  
Vaccine trials in children and adults, especially those involving influenza, meningococcal, pneumococcal and combination childhood vaccines

**Claire-Anne Siegrist**, University of Geneva Center of Vaccinology and Neonatal Immunology, Genève, Switzerland  
Vaccine immunology, neonatal immunology, vaccine adjuvants

**Mark Slifka**, Oregon Health & Science University Oregon National Primate Research Center, Beaverton, United States  
Neutralizing antibody responses, CD8+ T cell responses, arenaviruses, flaviviruses, clinical studies, mouse models

**Kanta Subbarao**, National Institute of Allergy and Infectious Diseases, Bethesda, United States  
Influenza; Pandemic influenza; SARS coronavirus

**Andreas Suhrbier**, QIMR Berghofer Medical Research Institute, Herston, Australia  
Alphaviruses, inflammation, cancer

**Rik de Swart**, Erasmus Medical Center Department Viroscience, Rotterdam, Netherlands  
Measles, morbillivirus pathogenesis, immunosuppression, respiratory syncytial virus, host response

**Keipp Talbot**, VANDERBILT UNIVERSITY MEDICAL CENTER, Nashville, United States  
Influenza, viral respiratory disease, and aging

**Geraldine Taylor**, Pirbright Institute - Compton, Newbury, United Kingdom  
Respiratory syncytial virus, African swine fever, Peste des petits ruminants, bluetongue, other virus diseases of livestock

**Ralph Tripp**, University of Georgia Department of Infectious Diseases, Athens, United States  
Viral immunology, vaccine development, therapeutic disease intervention, virus-host interaction
Takafumi Tsuboi, Ehime University Proteo-Science Center Cell-Free Science and Technology Research, Matsuyama, Japan
Infectious diseases, Malaria, Parasite, Plasmodium, Vaccine

Bruce G. Weniger, Chiang Mai University Research Institute for Health Sciences, Chiang Mai, Thailand
Disease surveillance, outbreak investigation and control, epidemiology training, vaccination technology

Cynthia Whitney, Centers for Disease Control and Prevention, Atlanta, United States of America
haemophilus influenza type B disease or vaccine, pneumococcal disease or vaccine issue, or anything related to group B strep or group A strep vaccine

Sabine Wicker, University Hospital Frankfurt Occupational Health Service, Frankfurt, Germany
Occupational infections, Occupational vaccinations, Work related vaccines, Health care workers

Fred Zepp, Johannes Gutenberg University, Mainz, Germany
pediatric vaccines and combination vaccines, immune response after vaccination (especially regulation of T-cell responses), and immunological aspects of basic vaccine development, expertise also exists for Pertussis vaccines, MMR-VRZ, Meningococcal-, Influenza- and Rotavirus-vaccines, also involved in public health issues concerning the implementation of public vaccination programs

Qinjian Zhao, Xiamen University School of Public Health, Xiamen, China
Recombinant protein, epitope characterization, potency assay

Gregory Zimet, Indiana University School of Medicine, Indianapolis, United States of America
HPV vaccination (particularly related to predictors of vaccine acceptance and interventions to increase acceptance) Behavioral/Social science research related to vaccination in general, Vaccines for prevention of sexually transmitted infections, including HIV
GUIDE FOR AUTHORS

INTRODUCTION

Vaccine has an open access companion journal, JVAC: X. **Vaccine** is the most comprehensive and pre-eminent journal for those interested in vaccines and vaccination, serving as an interface between academics, those in research and development, regulatory and governmental agencies, charities, and health and industry professionals.

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*Types of paper*

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Contributors
Each author is required to declare his or her individual contribution to the article: all authors must have materially participated in the research and/or article preparation, so roles for all authors should be described. The statement that all authors have approved the final article should be true and included in the disclosure.

Authorship
All authors should have made substantial contributions to all of the following: (1) the conception and design of the study, or acquisition of data, or analysis and interpretation of data, (2) drafting the article or revising it critically for important intellectual content, (3) final approval of the version to be submitted.

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