

1 Paper alert

Martin Read & Haiyuan Yu

4 Patent alert

Debabrata Banerjee

6 Web alert

Simon Brown

Molecular, viral and cell-based vaccines for disease prevention and therapy

Edited by Campbell Bunce & Michael A Morse

8 Campbell J Bunce & Michael A Morse

Editorial overview: A need for effective adjuvants

10 Guido Dietrich, Simone Spreng, Didier Favre, Jean-François Viret & Carlos Alberto Guzman

Live attenuated bacteria as vectors to deliver plasmid DNA vaccines

20 Chien-Fu Hung & T-C Wu

Improving DNA vaccine potency via modification of professional antigen presenting cells

25 Tomáš Hanke

Development of prophylactic AIDS vaccines: The current state of affairs

33 Clementien L Vermont, Germie PJM van den Dobbelaars & Ronald de Groot

Recent developments in vaccines to prevent meningococcal serogroup B infections

39 Paul J Mosca, H Kim Lyerly, C Denise Ching, Amy C Hobeika, Timothy M Clay & Michael A Morse

Proteomics for monitoring immune responses to cancer vaccines

44 Robert J Kreitman

Recombinant toxins for the treatment of cancer

52 Boris Skurkovich & Simon Skurkovich

Anti-interferon- γ antibodies in the treatment of autoimmune diseases

58 Campbell J Bunce, Peter T Loudon, Catherine Akers, Jennifer Dobson & Doreen M Wood

Development of vaccines to help treat drug dependence

64 Changhai Ding & Graeme Jones

Technology evaluation: MRA, Chugai

70 Roger H Kennett

Technology evaluation: WX-G250, Wilex/Ludwig Institute for Cancer Research

76 Pete Kennewell

Technology evaluation: ISIS-104838, OraSense

81 Aili L Lazaar

Technology evaluation: Omalizumab, Genentech/Novartis/Tanox
