1. Record Nr. UNINA9910298314403321

Autore	Tridente Giuseppe
Titolo	Adverse Events with Biomedicines : Prevention Through Understanding / / by Giuseppe Tridente
Pubbl/distr/stampa	Milano : , : Springer Milan : , : Imprint : Springer, , 2014
ISBN	88-470-5313-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (633 p.)
Disciplina	615.704
Soggetti	Medicine Pharmacy Biomedicine, general Medicine/Public Health, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Part I General Aspects: 1 Introduction -- 2 Adverse drug events to biomedicines -- 3 Systemic syndromes caused by biomedicines -- Part II Monoclonal antibodies: 4 Monoclonal antibodies -- 5 Abciximab -- 6 Adalimumab -- 7 Alemtuzumab -- 8 Basiliximab -- 9 Belimumab -- 10 Bevacizumab -- 11 Brentuximab -- 12 Canakinumab -- 13 Catumaxomab -- 14. Certolizumab -- 15 Cetuximab -- 16 Daclizumab -- 17 Denosumab -- 18 Eculizumab -- 19 Edrecolomab -- 20 Efalizumab -- 21 Gemtuzumab -- 22 Golimumab -- 23 Ibritumomab -- 24 Infliximab -- 25 Ipilimumab -- 26 Muromonab -- 27 Natalizumab -- 28 Nimotuzumab -- 29 Ofatumumab -- 30 Omalizumab -- 31 Palivizumab -- 32 Panitumumab -- 33 Pertuzumab -- 34 Ranibizumab -- 35 Rituximab -- 36 Tocilizumab -- 37 Tositumomab -- 38 Trastuzumab -- 39 Ustekinumab -- Part III Fusion proteins: 40 Fusion proteins -- 41 Abatacept -- 42 Aflibercept -- 43 Alefacept -- 44 Belatacept -- 45 Etanercept -- 46 Rilonacept -- 47 Romiplostim -- Part IV Cytokines : 48 Cytokines -- 49 Interleukins -- 50 Denileukin-diftitox -- 51 Anakinra -- 52 Interferons -- 53 Hemopoietic stimulatory factors -- 54 Myelopoietic stimulatory factors -- 55 Thrombopoietic stimulatory factor -- 56 Pluripotent growth factors -- 57 Epidermal growth factors -- Part V Overview: 58 Biomedicines as adverse event inducers -- 59 Conclusions and

perspectives.

Sommario/riassunto

This monograph gathers and evaluates data on adverse events (AEs) associated specifically with those “biomedicines” – monoclonal antibodies, fusion proteins, and cytokines – that have recently entered therapeutic use in humans. All AEs observed when using each member of this new drug class are covered, with a view to improving understanding of pathogenesis, facilitating prevention, monitoring, and control, and contributing to the development of better drugs that provide benefits while minimizing risk. Further aspects here examined include the role of drug mechanisms of action and immunogenicity in relation to AEs outcome and induction of systemic syndromes. Additional data on AEs in off-label treatments are also considered. Electronic data sheets, downloadable from the Springer Extra Materials platform, include more detailed safety data as well as additional basic information on product characteristics, pre- and post-marketing AEs classified according to frequency, and system/organ targeting. Data on excipients and selected information on drug interactions and associations are also provided. Adverse Events with Biomedicines: Prevention Through Understanding will serve as a detailed, practical guideline to this important new area, which demands the attention of clinicians, immunologists, oncologists, allergologists, public health professionals, and drug companies.