

The field of antibody engineering has become a vital and integral part of making new, improved next generation therapeutic monoclonal antibodies, of which there are currently more than 300 in clinical trials across several therapeutic areas. Therapeutic antibody engineering examines all aspects of engineering monoclonal antibodies and analyses the effect that various genetic engineering approaches will have on future candidates. Chapters in the first part of the book provide an introduction to monoclonal antibodies, their discovery and development and the fundamental technologies used in their production. Following chapters cover a number of specific issues relating to different aspects of antibody engineering, including variable chain engineering, targets and mechanisms of action, classes of antibody and the use of antibody fragments, among many other topics. The last part of the book examines development issues, the interaction of human IgGs with non-human systems, and cell line development, before a conclusion looking at future issues affecting the field of therapeutic antibody engineering. Goes beyond the standard engineering issues covered by most books and delves into structure-function relationships. Integration of knowledge across all areas of antibody engineering, development, and marketing. Discusses how current and future genetic engineering of cell lines will pave the way for much higher productivity.

Faiths Certainties (1909), The Snowy Torrents: Avalanche Accidents in the United States 1980-86, Special Series 39 (Colorado Geological Survey special publication), En enfer avec Dante. Dapres La Divine Comedie de Dante Alighieri (French Edition), anxiety disorder self-help: GAD, health anxiety, OCD, panic attack, phobia and PTSD (Anxiety Disorder Self-Help Series Book 1), Bears and Other Top Predators: Vol. 2, No. 1, GEOSYNCLINES AND PLATE TECTONICS IN BANDA ARCS, EASTERN INDONESIA (Pamphlet),

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