Vaccines and Autoimmunity

Description: In light of the discovery of autoimmune/inflammatory syndrome induced by adjuvants, or ASIA, Vaccines and Autoimmunity explores the role of adjuvants specifically aluminum in different vaccines and how they can induce diverse autoimmune clinical manifestations in genetically prone individuals.

Vaccines and Autoimmunity is divided into three sections. The first contextualizes the role of adjuvants in the framework of autoimmunity, covering the mechanism of action of adjuvants, experimental models of adjuvant–induced autoimmune diseases, infections as adjuvants, the Gulf War Syndrome, sick building syndrome (SBS), safe vaccines, toll–like receptors (TLRs), TLRs in vaccines, pesticides as adjuvants, oil as an adjuvant, mercury, aluminum and autoimmunity. The second section reviews the literature on vaccines that have induced autoimmune conditions, such as MMR and HBV. The final section covers diseases in which vaccines are known to be the solicitor for instance, systemic lupus erythematosus and whether they can be induced by vaccines for MMR, HBV, HCV, and others.

Edited by leaders in the field, Vaccines and Autoimmunity is an invaluable resource for advanced students and researchers working in pathogenic and epidemiological studies.

Summary of how adjuvants can induce diverse autoimmune clinical manifestations in genetically prone subjects

- Review of the literature on all vaccines that have been found to induce autoimmune conditions
- Full discussion of autoimmune diseases in which vaccines are known to be the solicitor
- Excellent source for future pathogenic and epidemiological studies
- Edited and authored by leaders in the field

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