



Quiz

Quiz on Autoimmune Vesiculobullous Disorders

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QUESTIONS

1. What does the term 'maculae adherentes' denote?^[1]
2. Which lymphoproliferative disorder is most commonly associated with paraneoplastic pemphigus in children?^[2]
3. Name the salivary antigen in black fly that causes fogo selvagem.^[3]
4. Which type of mucous membrane pemphigoid is associated with internal adenocarcinoma?^[4]
5. Which immunoglobulin subclass is significantly expressed in pemphigus vulgaris patients during remission?^[5]
6. Name the fluorochrome used in immunofluorescence techniques which produce red colour.^[6]
7. Name the dermatologist who was the first to distinguish bullous pemphigoid as a separate entity from pemphigus vulgaris.^[7]
8. Which is the recommended substrate for indirect immunofluorescence in pemphigus foliaceus other than human skin?^[8]
9. Name the eponymous sign which indicates cerebriform tongue in pemphigus vegetans.^[9]
10. How much magnification is required for serration analysis?^[10]
11. Which body parts are typically affected in Brunsting-Perry pemphigoid?^[11]
12. Name the target antigen in chronic bullous disease of childhood.^[12]
13. Which antigen is the target in bullous systemic lupus erythematosus?^[13]
14. Which subepidermal blistering disorder is characterised by exclusive staining of basement membrane zone with C3?^[14]
15. Mention the direct immunofluorescence (DIF) finding in atypical dermatitis herpetiformis.^[15]
16. Which other specimen can be used for DIF in a suspected case of autoimmune vesiculobullous disorder if the patient refuses to have a skin biopsy?^[16]
17. Paraneoplastic pemphigus targets all of the proteins listed here, with the exception of^[17]
 - a) Bullous pemphigoid antigen 1 (BPAG1)
 - b) Periplakin
 - c) Envoplakin
 - d) Bullous pemphigoid antigen 2 (BPAG2)
18. Which Human leukocyte antigen (HLA) is strongly associated with dermatitis herpetiformis?^[18]
19. How long is the immunogenicity preserved in Michel's medium?^[19]
20. Match the following drugs that have been linked to autoimmune vesiculobullous disorders.^[20]

a) Vancomycin	(i) Cicatricial pemphigoid
b) Dipeptidyl peptidase-4 inhibitors	(ii) Linear immunoglobulin A (IgA) bullous dermatosis
c) Penicillamine	(iii) Bullous pemphigoid
d) Clonidine	(iv) Pemphigus foliaceus

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ANSWERS

1. Desmosome
2. Castleman disease
3. *Lutzomyia longipalpis* salivary protein 11
4. Anti-epiligrin mucous membrane pemphigoid
5. Immunoglobulin G 1
6. Tetramethylrhodamine isothiocyanate
7. Walter fredrick lever
8. Guinea pig oesophagus
9. Premlatha sign
10. >600 fold
11. Head and neck
12. 97kDa portion of bullous pemphigoid antigen 2 (BPAG2)
13. Collagen VII
14. Pemphigoid gestationis
15. Fibrillary IgA deposition at basement membrane zone
16. Outer root sheath of anagen hair
17. d
18. Human leukocyte antigen (HLA) DQ2
19. 6 months
20. (a)-ii (b)-iii (c)-iv (d)-i

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