Role of Biomarkers in cGvHD

1. **True or False: Biomarkers can help in diagnosing cGvHD and predicting its severity.**
   - True
   - False

2. **What is the primary goal of using biomarkers in cGvHD management?**
   a) To replace clinical diagnosis
   b) To help with early detection and improve prognosis
   c) To eliminate the need for immunosuppressive therapy
   d) To monitor chemotherapy response

3. **True or False: Biomarkers alone are sufficient to diagnose cGvHD.**
   - True
   - False

4. **What role do biomarkers play in a pre-emptive treatment strategy for cGvHD?**
   a) Identifying patients at high risk before symptoms appear
   b) Reducing the need for immunosuppressants
   c) Completely replacing histopathological evaluation
   d) Preventing all cases of cGvHD

5. **Why is there an ongoing need for biomarker research in cGvHD?**
   a) Current biomarkers lack specificity and require further validation
   b) Existing biomarkers can completely replace clinical assessment
   c) Biomarkers have eliminated the need for biopsies
   d) No biomarkers are currently available for cGvHD

Answer Key

1. True - **Explanation**: Biomarkers such as ST2 and CXCL9 play a role in identifying cGvHD and predicting disease progression.

2. b - **Explanation**: Biomarkers aid in early diagnosis and predicting disease progression, complementing clinical assessments.

3. False - **Explanation**: Biomarkers support but do not replace clinical criteria and patient evaluation in diagnosing cGvHD.

4. a - **Explanation**: Biomarkers can help detect high-risk patients early, allowing for timely intervention to improve outcomes.

5. a - **Explanation**: While promising, most biomarkers require further validation for routine clinical use in cGvHD.