Analysis of Biofluids from Patients with Chronic Venous Disease

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Disclosures

• None

Biomarkers

Histology
Genomics
Transcriptomics
Proteomics
Published work in CVD Metabonomics

<table>
<thead>
<tr>
<th>Chronic Venous Disease</th>
<th>Venous Leg Ulceration</th>
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<td>Tanaka 2010</td>
<td>Ennis 1994</td>
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<td>Tanaka 2012</td>
<td>Junka 2017</td>
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<td>Anwar 2012</td>
<td>Bergner et al. 2018</td>
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Metabolic signature predictive of ulcer healing, size and age

Biomarker Discovery in CVD

Conclusion

- Demonstrated feasibility in CVD and CVU
- Characterisation of differences across CEAP stages
- Prediction of ulcer healing

- Valuable in
  - Assessment of biofluids at follow up
  - Recurrence
  - Progression
  - Response to intervention and therapy

Thank You