

Proteomics Course

LECTURE-17

Difference gel electrophoresis (continued)

Discussion and data analysis



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Previous lecture

- Challenges of 2-DE
- 2-D Difference Gel Electrophoresis (2D DIGE)

Today's lecture

- Discussion on gel-based proteomics
 - DIGE
- DIGE data analysis and interpretation

Summary

- Gel-based techniques
- 2-DE work-flow
- Challenges associated with 2-DE
- Difference Gel Electrophoresis

REFERENCES

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- Patton, W.F.: Detection technologies in proteome analysis. *J Chromatogr B*, 2002, 771, 3- 31
- www.gelifesciences.com
- <http://www.genebio.com/products/melanie/>

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