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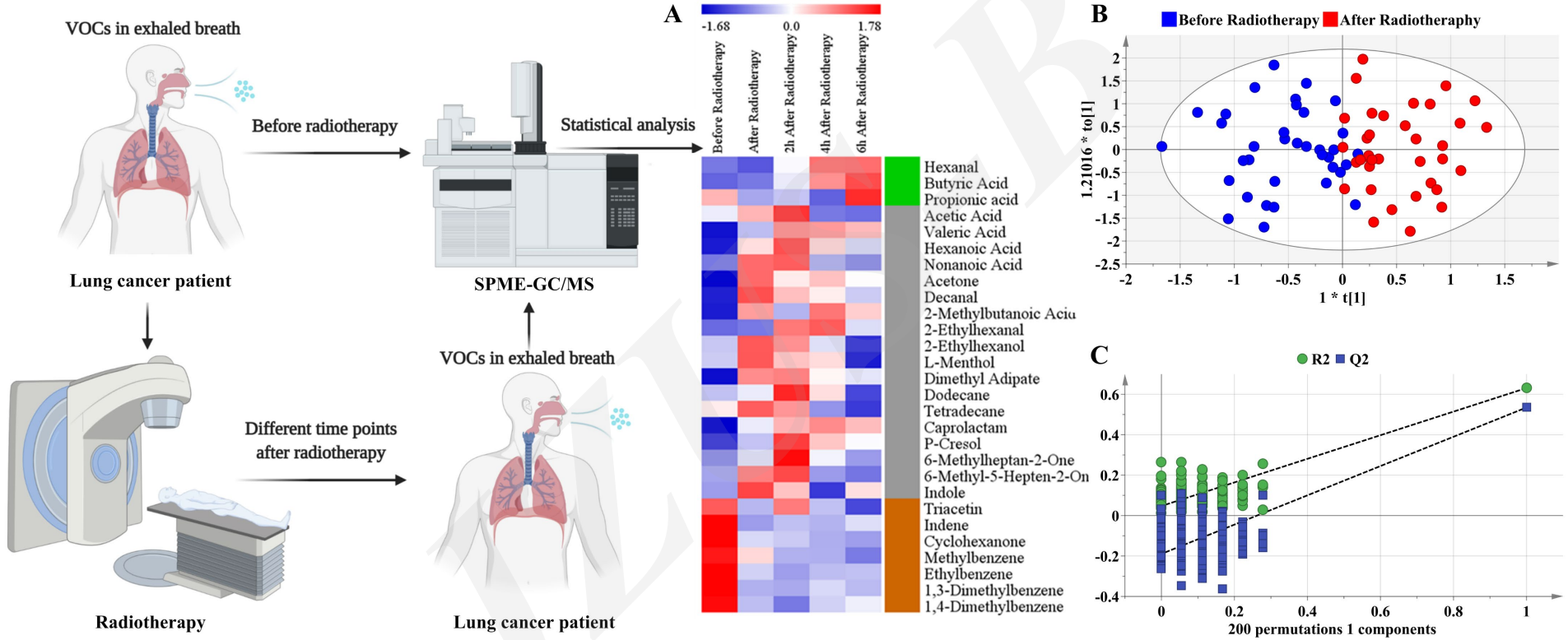
Analysis of volatile organic compounds in exhaled breath after radiotherapy

Key words: **Radiotherapy, Breath, Volatile organic compounds, GC-MS, Biomarker**

Research Summary



Innovation points

- **VOCs in the exhaled breath were analyzed for searching for radiotherapy biomarkers.**
- **The glass sampling bottle combined with SPME-GC/MS technology was applied for the detection.**
- **The continuous variation trends of VOCs after radiotherapy were studied for the first time.**