The diagrams show the changes in total respiration rate ($RR_{\text{total}}$) and cell respiration rate ($RR_{\text{cell}}$) across different age periods (1840–1900, 1900–1940, 1940–1960, 1960–1980, 1980–2000, and 2000–2016) for various lakes. The graphs are color-coded for each lake:

- Lake Greifen (gray)
- Lake Baldegg (red)
- Lake Zug (green)
- Lake Zurich (yellow)
- Lake Lucerne (blue)

The $RR_{\text{total}}$ is measured in g C m$^{-2}$ yr$^{-1}$, and $RR_{\text{cell}}$ is measured in pmol C cell$^{-1}$ yr$^{-1}$. The age periods and the corresponding respiration rates are visualized to compare the changes over time.