

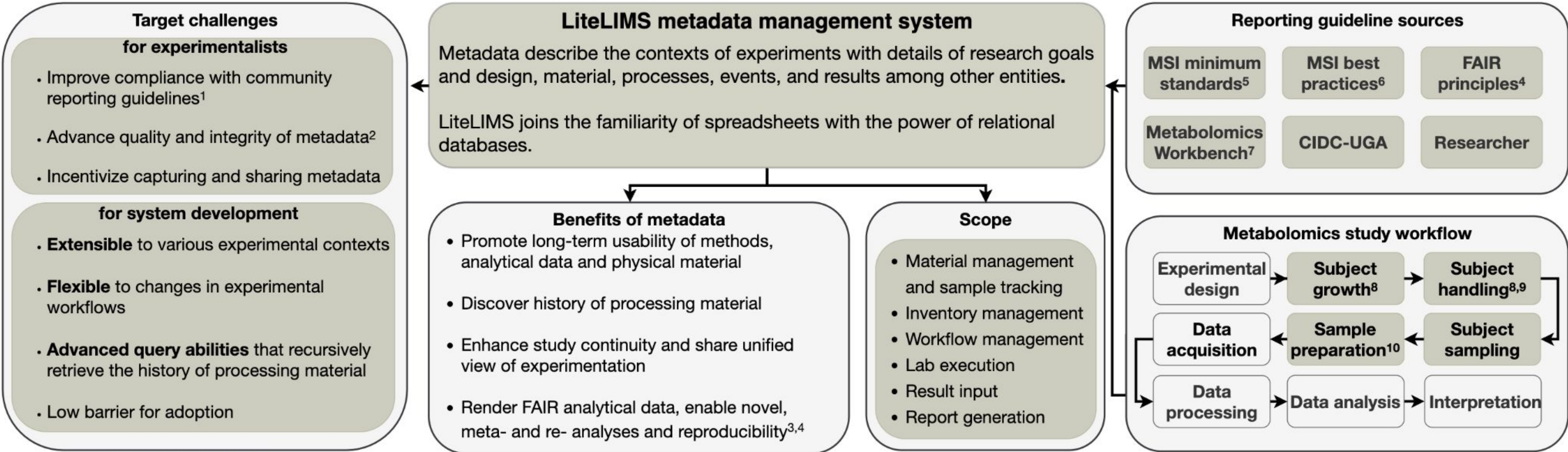
Integrating spreadsheets and databases to advance capturing complex metadata

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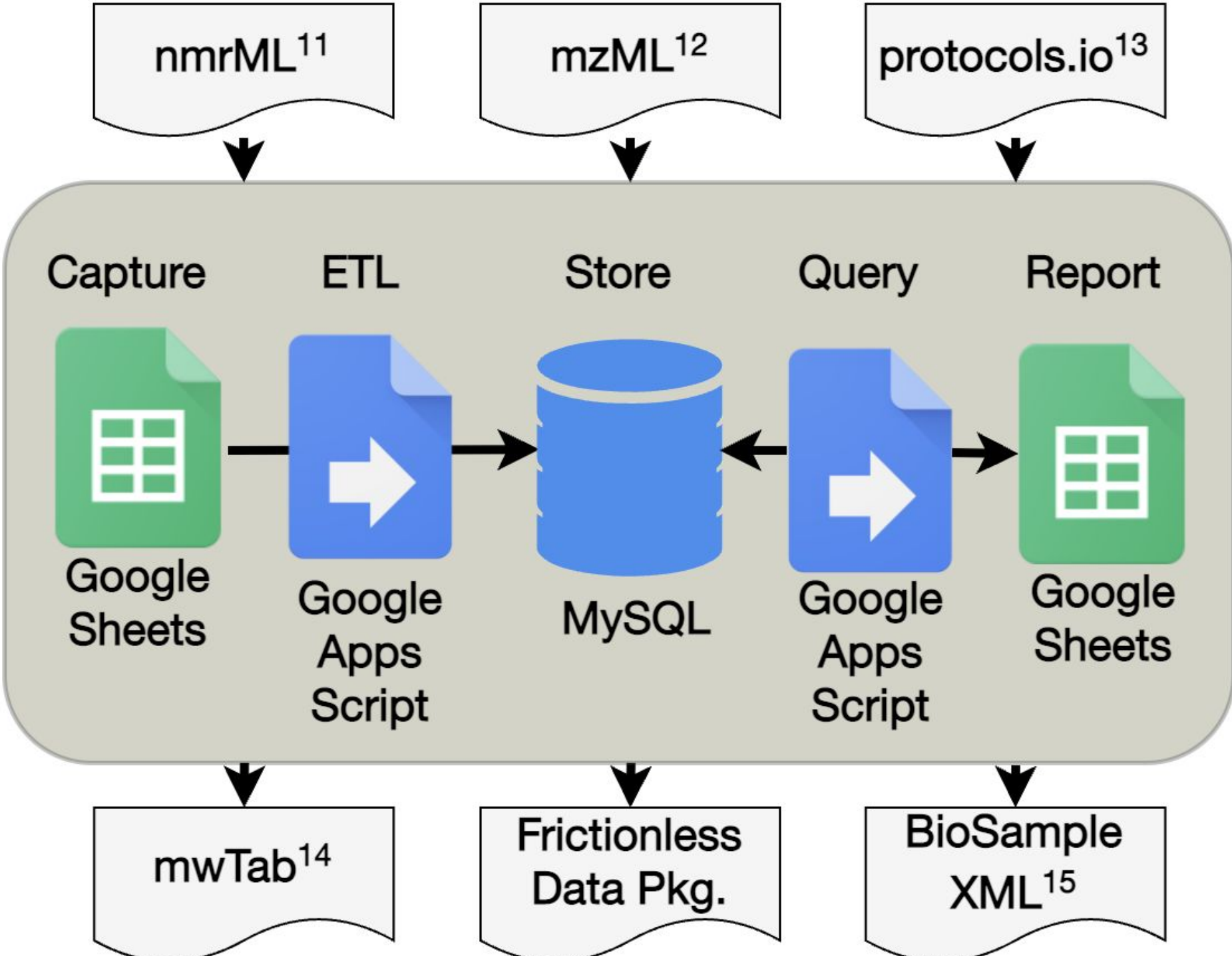
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Watch/listen to poster tour (60 sec)

Introduction

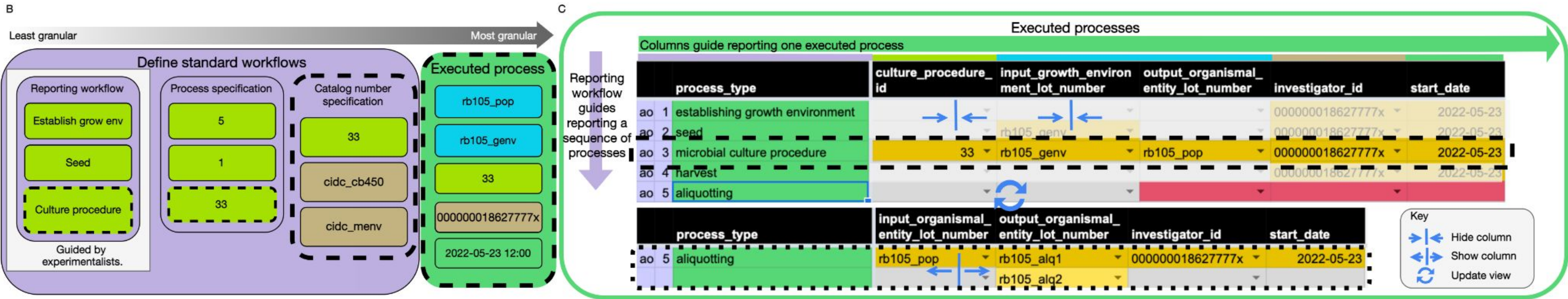
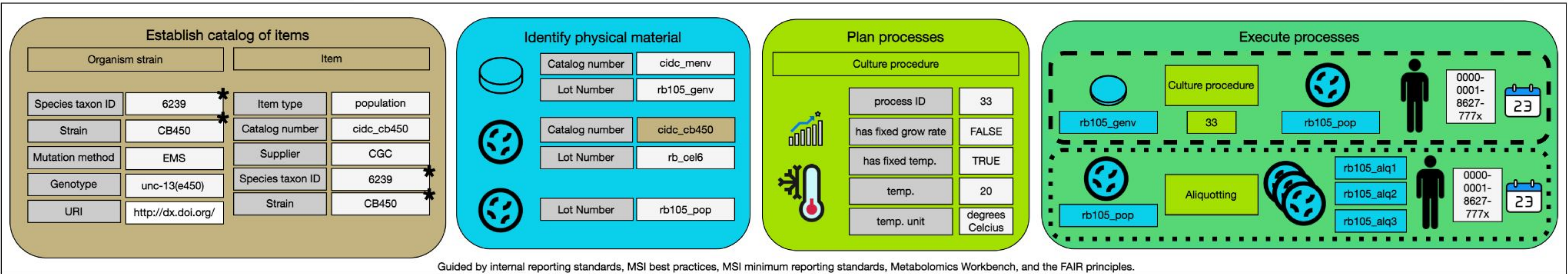


Methods



Results

LiteLIMS enables capturing **conceptual entities**, **physical material**, **planned processes**, **executed processes**, and **standard workflows** via five Sheets. **A)** Create catalog of items, material IDs, planned processes and details of activities in four Sheets. **B)** Define a reporting workflow, a sequence of processes, in a fifth Sheet. **C)** Auto-populate reporting workflows via menu (not shown) to consistently and flexibly report activities. Reflect one-to-many relationships with mini tables (dotted box). Change the visibility to columns to display only the columns relevant to the current activities (dark blue icons). Regard incomplete, required fields (red).



Key references

- Spicer et al. Sci. Data. 2011, 4, 170137.
- Gonçalves & Musen. Sci. Data. 2019, 6, 190021.
- Elberskirch et al. Nanomat. 2022, 12, 1053.

Complete references

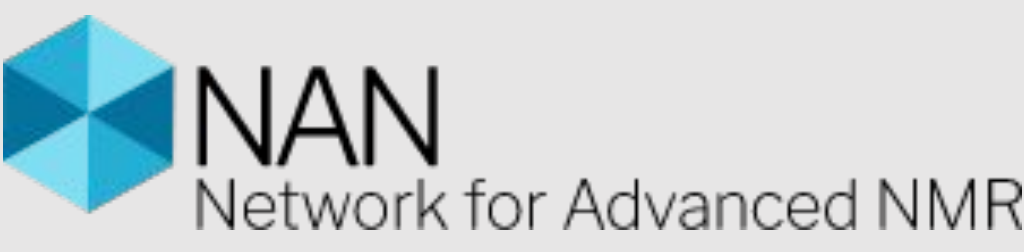


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