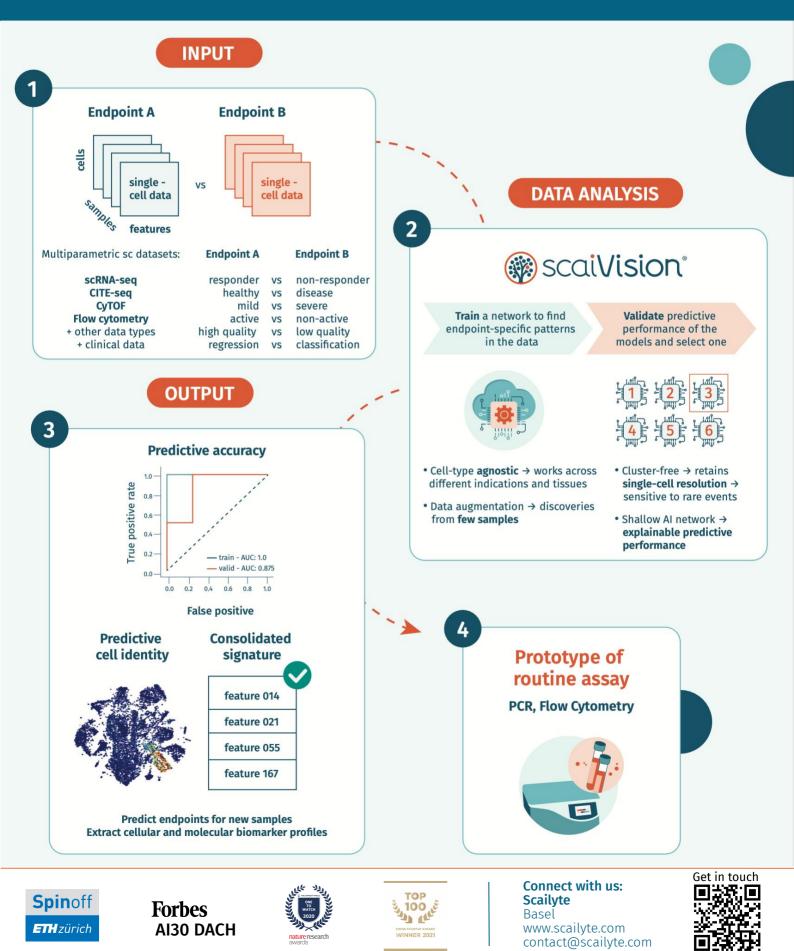


## ScaiVision AI platform: project workflow to facilitate drug development

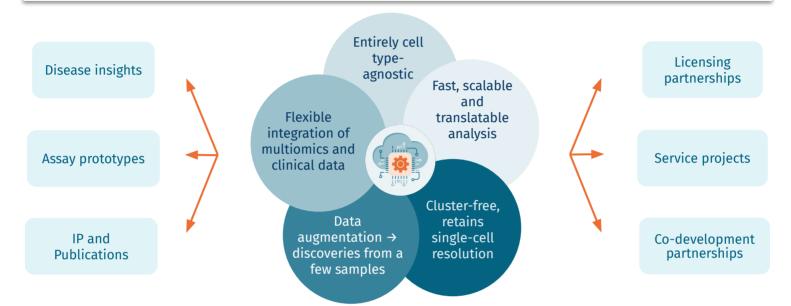




## True precision medicine through single-cell science

Generating clinically relevant insights from single-cell data

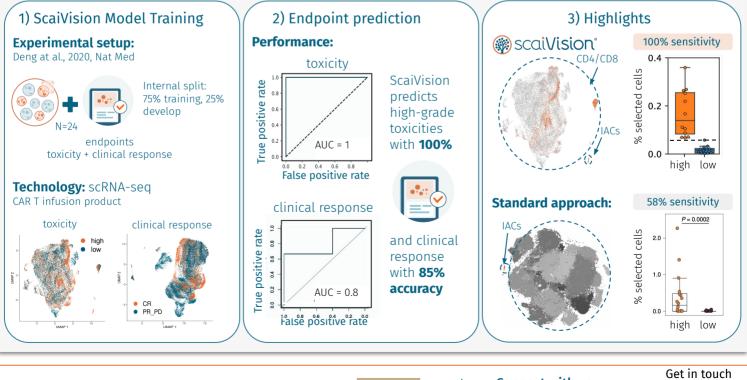
ScaiVision™ unravels hidden secrets of complex single-cell multiomics data to extract composite biomarkers associated with different cell populations. Using a convolutional neural network and representation learning, ScaiVision automatically learns molecular patterns associated with relevant clinical outcomes. These signatures can then be applied to classify new samples and develop diagnostic assay prototypes.



## ScaiVision predicts clinical response and toxicity in CAR T cell therapy of lymphoma patients

ScaiVision predicts clinical response with 85% accuracy and detects specific CD4<sup>+</sup> and CD8<sup>+</sup> T cell populations enriched for markers of memory and depleted for markers of exhaustion and inflammation associated with complete response.

ScaiVision identifies a complex cellular signature that predicts high-grade toxicities with 100% accuracy.



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