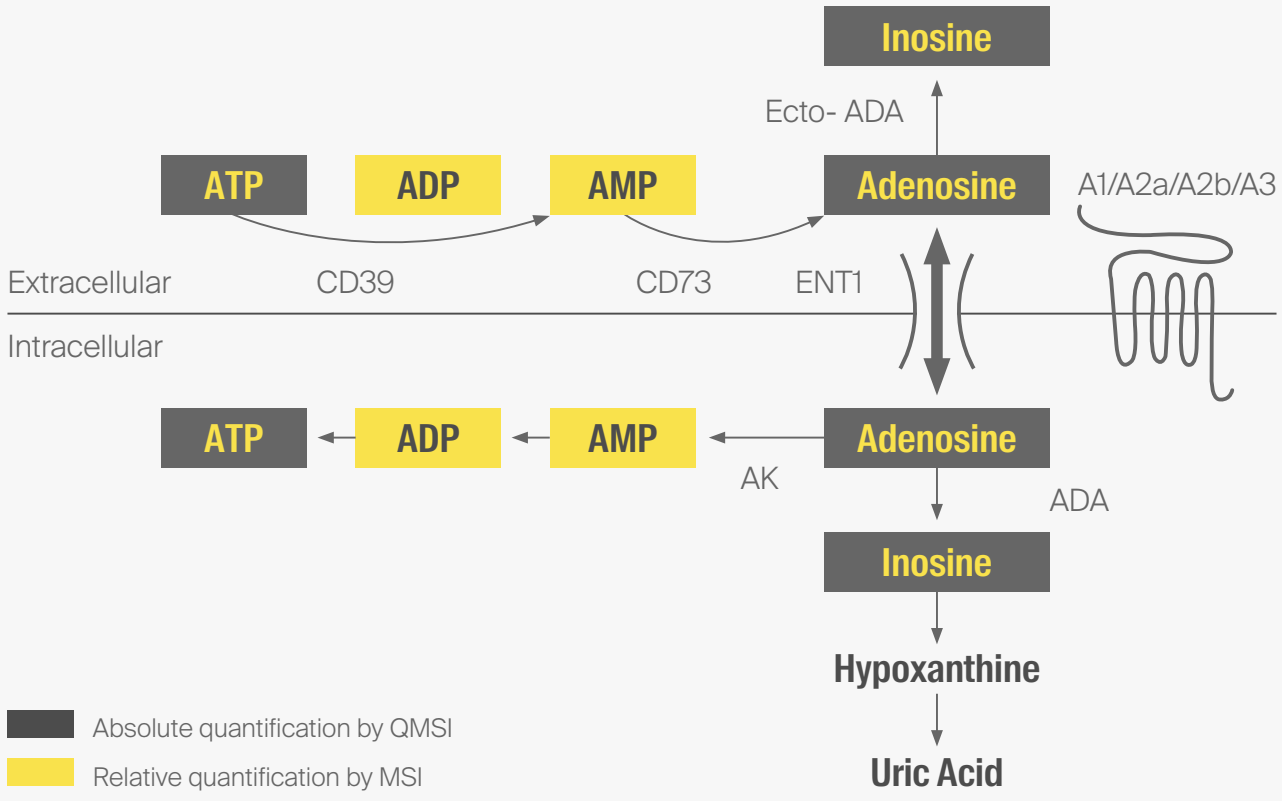
FACT SHEET

ATP detection by
QUANTITATIVE MASS SPEC IMAGING (QMSI)

Aliri's state-of-the-art ATP pathway detection by quantitative mass spectrometry imaging (QMSI) enables pharma companies to look at the distribution and localization within the tissue's microenvironment. Since this class of molecules poses a variety of different bioanalytical challenges, leveraging QMSI within discovery or clinical allows you to:

- Correlate the distribution of the ATP, ADP, adenosine and inosine and visualize it in the tissue microenvironment
- Correlate the abundance of these molecules in the tissue microenvironment
- Gain analytical insights without compromising quality and stability
- Simplify your process for time and cost savings

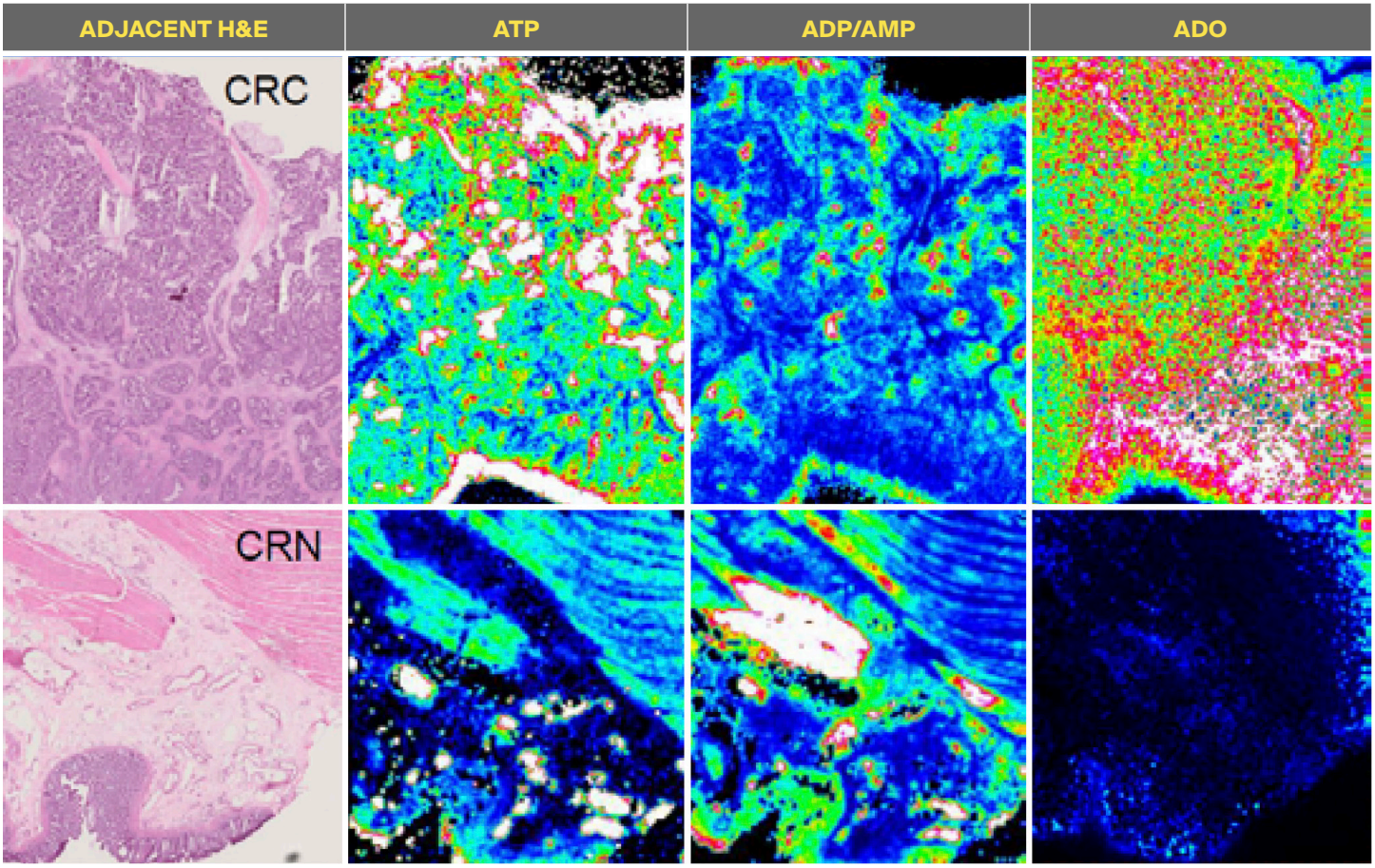
ATP AND DERIVATIVES PATHWAY: Bioanalytical Expertise



Aliri has developed a unique approach on tissue section by QMSI to:

- Stabilize the ATP pathway with an inhibitors cocktail
- Normalize the signal intensities from the raw data sets
- Perform the absolute quantification of the ATP, adenosine and inosine directly in the small histological regions
- Calculate the relative quantification of the ADP and AMP by measuring their ratio based on the intensities

Over the last five years, Aliri has used this expertise on several preclinical and clinical projects with pharma clients. For example, CRC, RCC, human skin and mouse metastases tissues have been analyzed.



Contact us to learn how we can help you leverage ATP pathway detection with QMSI.

we deliver
data for life >

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