

THE RISE of Metabolomics

From early medicine to the modern day

A rapid increase in the adoption of metabolomics in drug development is filling the gaps left by genomics and proteomics.

The proof is in the data:

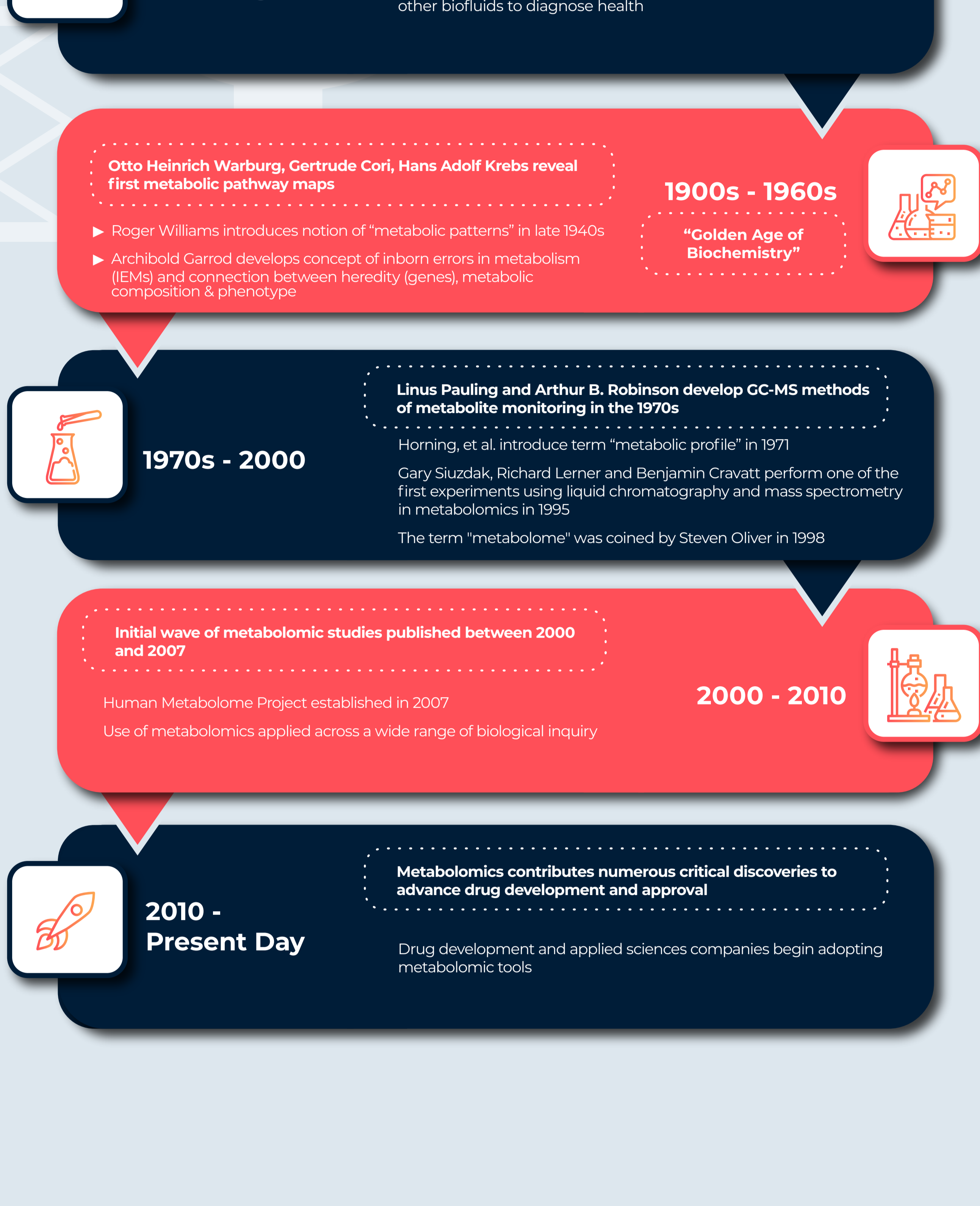
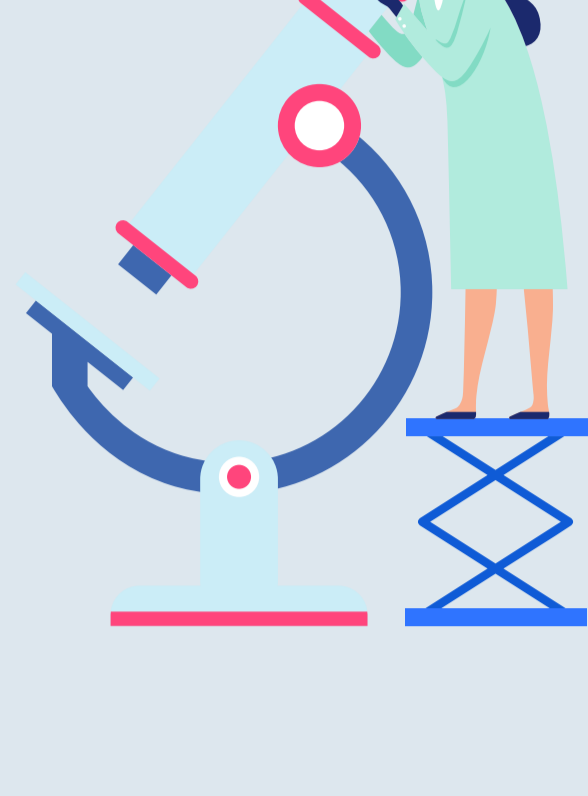
1.7M+ publications on metabolites and lipids.¹

Over 18k clinical trials used metabolites or lipids as endpoints.

7,000+ studies funded by industry alone.²

However, metabolomics has not always been considered a standard tool in the drug development toolbox. Despite its deep historic connection to the diagnosis and treatment of disease, metabolomics has long been overshadowed by other 'omics – until recently.

How did we get here?



Reaching the summit

The phenotyping power of metabolomics makes it a pivotal tool for drug development and systems biology with a wide variety of applications that enable researchers in the drug development and clinical trial space to:



Metabolomics is a powerful tool — but only in the hands of an experienced service provider.

- Most labs lack the comprehensive metabolomics technologies or the equipment to handle accurate unbiased metabolite identification
- Interpreting the vast amount of data is arduous
- An extensive library of metabolites takes time to build and validate

Who can get me there?

Metabolon is the right partner for your biomarker discovery and drug development.

Metabolon sets the standard

- 01 20 years of experience
- 02 World's largest biologically relevant reference library measuring 5,400+ metabolites across 70 pathways
- 03 Quantitative measurement of 1,100 individual lipid species across 14 lipid classes
- 04 450+ metabolites covered by ready-to-use absolute quantification assays
- 05 200+ patents
- 06 2,000+ publications
- 07 10,000+ studies
- 08 ISO 9001:2015 certified for analytical and diagnostic testing
- 09 Certified by CLIA and accredited by the College of American Pathologists for diagnostic testing on human samples

1. <https://pubmed.ncbi.nlm.nih.gov/>
 2. <https://www.clinicaltrials.gov/>

Contact us today at hello@metabolon.com