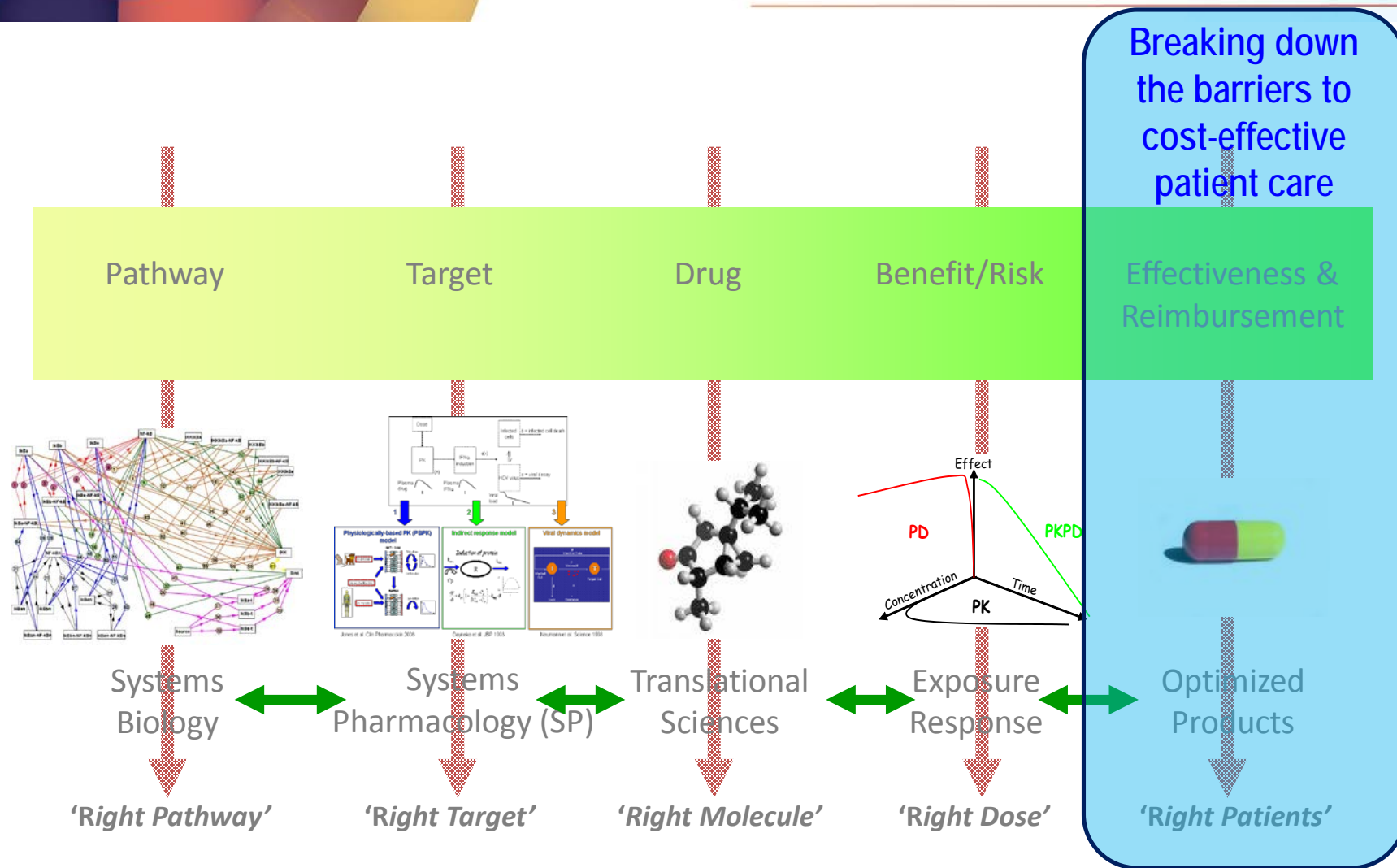# Pharmacometrics Meets Health Economics:

Quantitative Approaches in the Translation from Efficacy to Real World Effectiveness and to Cost-Effective Patient Care

QUIZ TIME

- QALY?   Quality Adjusted Life-Year

- ICER?   Incremental Cost-Effectiveness Ratio
            = ΔCost / ΔEffectiveness, per QALY

- NMB?   Net Monetary Benefit
            = (Willingness to pay threshold × ΔEffectiveness)
               − ΔCost, per QALY

ASCPT 2018 ANNUAL MEETING

MARCH 21-24, 2018 • HILTON ORLANDO • ORLANDO, FL

Breaking down the barriers to cost-effective patient care

| Pathway | Target | Drug | Benefit/Risk | Effectiveness & Reimbursement |

Systems Biology ↔ Systems Pharmacology (SP) ↔ Translational Sciences ↔ Exposure Response ↔ Optimized Products

'Right Pathway' — 'Right Target' — 'Right Molecule' — 'Right Dose' — 'Right Patients'

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