Course 2851 Principles of Metabolism Metabolism and endocrinology programme, Karolinska Institutet	Fluxes describes a cell's metabolic phenotype But how do we measure them?	Definition The flux (rate) through a reaction is the amount of substance processed per unit time Standardized by stoichiometry coefficients
Metabolic networks and fluxes	Measure fluxes (rates)	A + 2B
Roland Nilsson, Ph.D Department of Medicine, Solna Center for Molecular Medicine Karolinska Institutet	DNA RNA Enzyme (protein) Measure amounts	Expressed per cell or by biomass (total protein in culture, tissue, etc.)
	2010	















