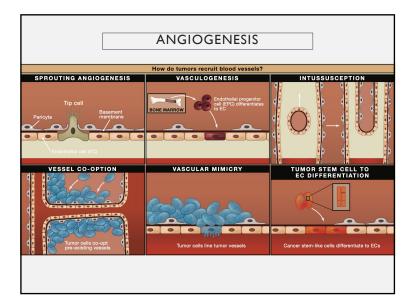
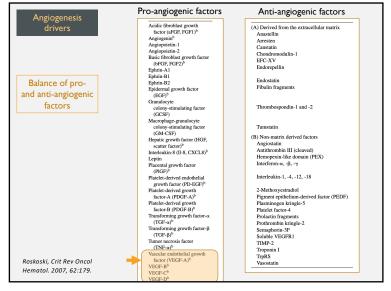
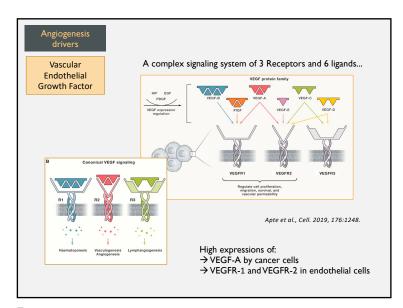


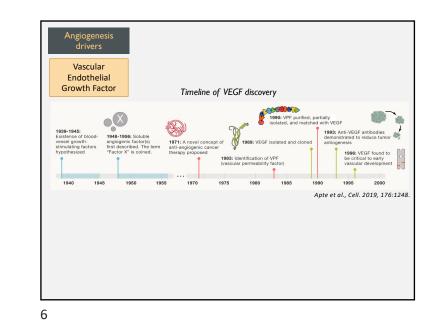
METABOLIC STRESS: CAUSES AND CONSEQUENCES Blood flux decrease Nutritional & 🔌 Oxygen metabolic needs Nutrients increase To support uncontrolled In the core of . cell growth the tumor Metabolic stress + Cell's adaptive responses Neo-angiogenesis Poorly effective neo-angiogenesis due to abnormal blood vessels and frequent collapsus → sustained pro-angiogenic signaling

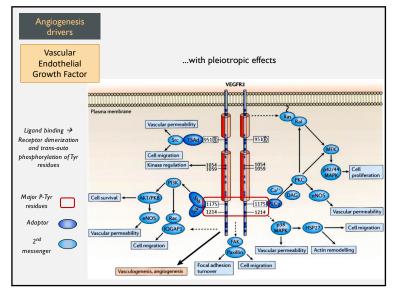


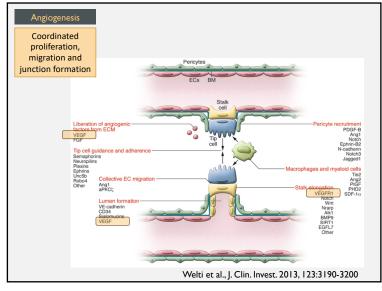


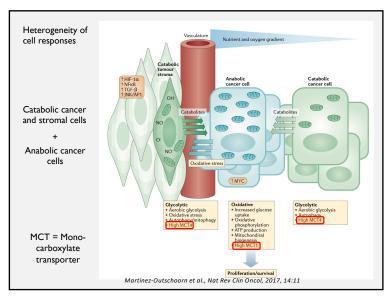


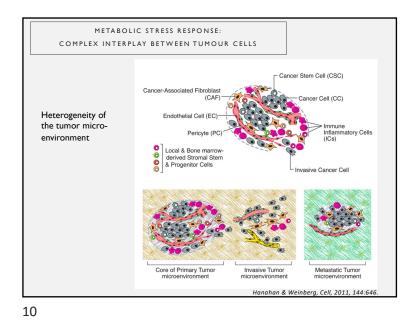


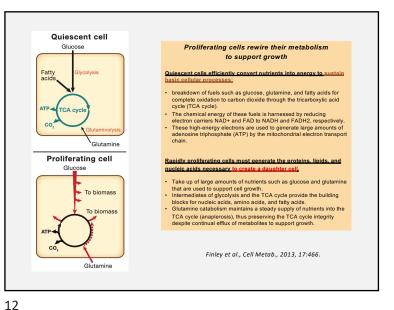


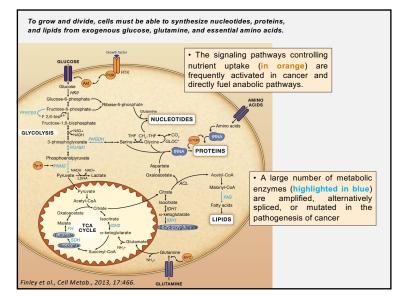


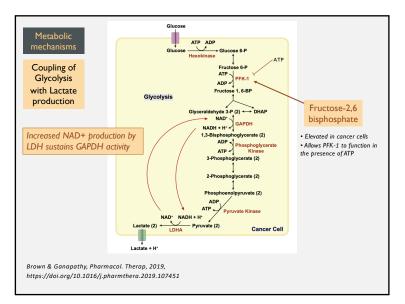


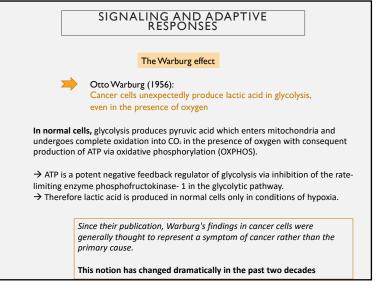


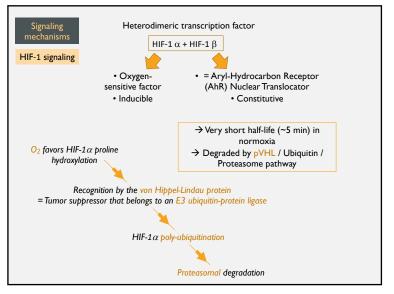


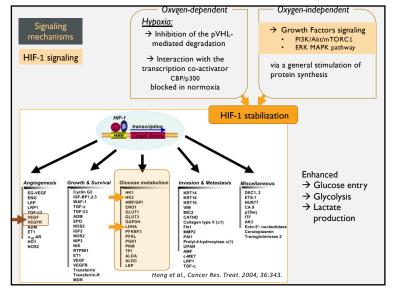


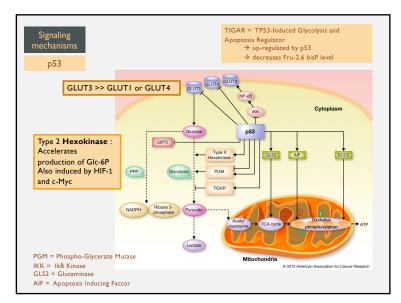


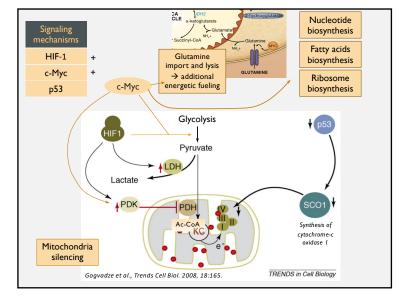


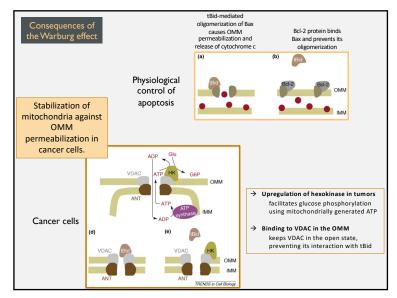


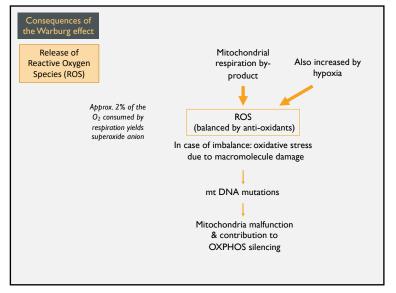




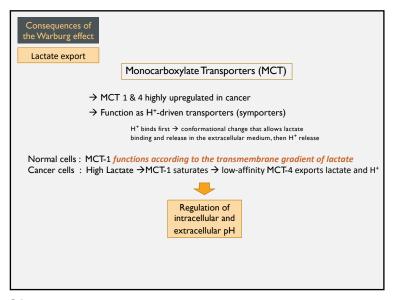


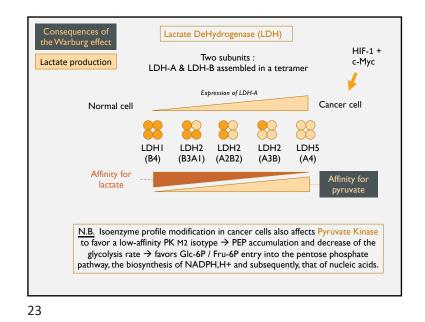


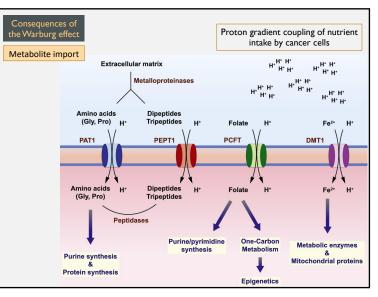


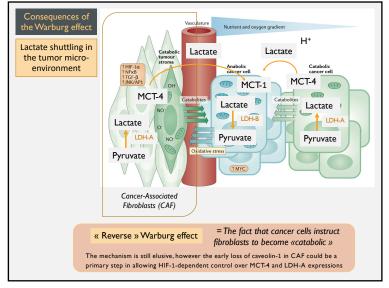




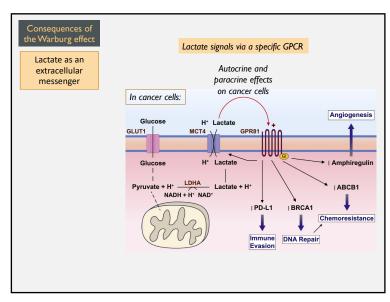


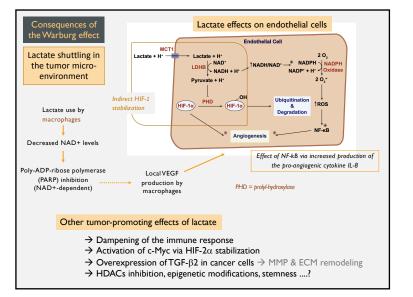


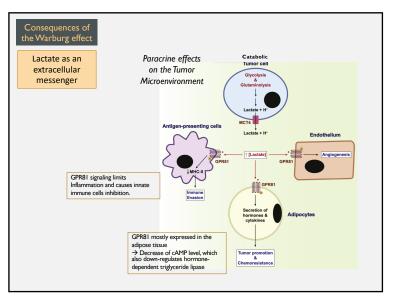












THERAPEUTIC TARGETING OF NEOANGIOGENESIS AND OF METABOLIC ADAPTATIONS

→ Powerful paradigm for tumor growth control
• Anti-angiogenic therapy

→ New field of anticancer therapy
• Control of metabolic adaptations and their consequences