

ORIGINAL BIOTECHNOLOGIES AND AGENETS IN GENE THERAPY AND REGENERATIVE MEDICINE

Gene/Viral Therapy vectors for potently and safely treating cancer et. al

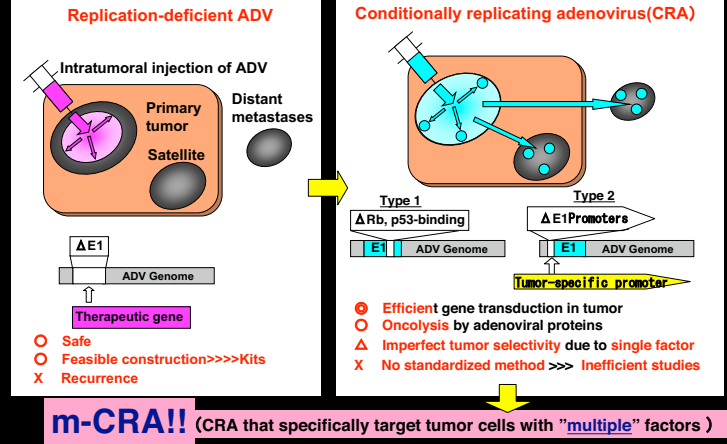
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Professor, Structural Cell Biology, Kagoshima University Graduate School of Medicine and Dental Sciences, JAPAN

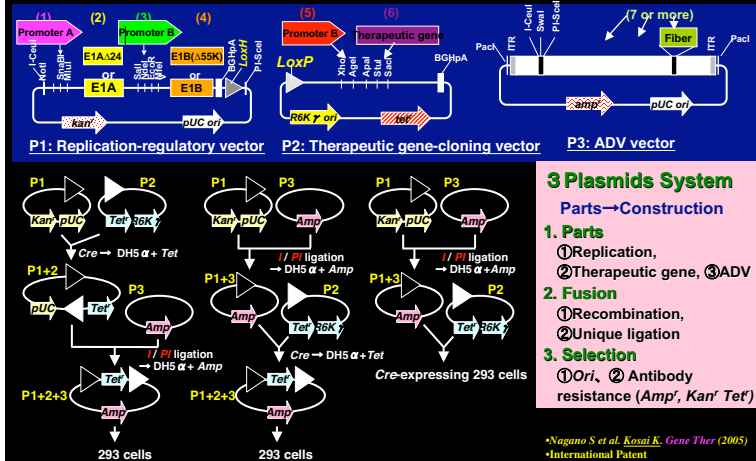
(Secondary appointments)

1. Visiting Professor, Cognitive and Molecular Research Institute for Brain Diseases Kurume University
2. Visiting Professor, St. Mariana Medical College
3. Gifu University School and Medicine

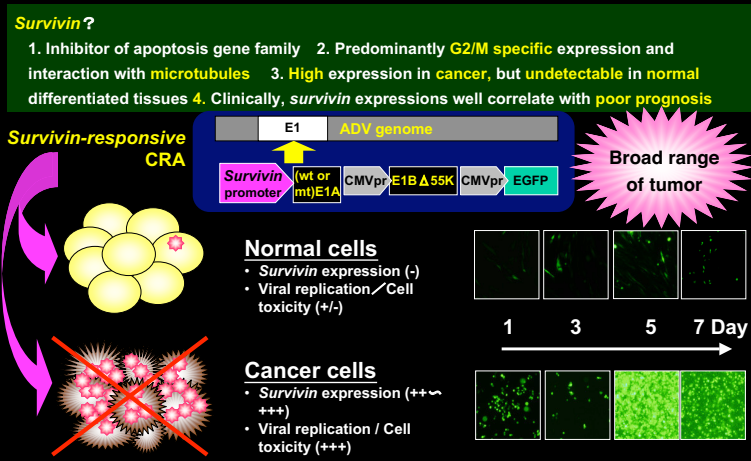
Cancer Gene Therapy Using Replication-Deficient Versus Replication-Selective Adenoviruses



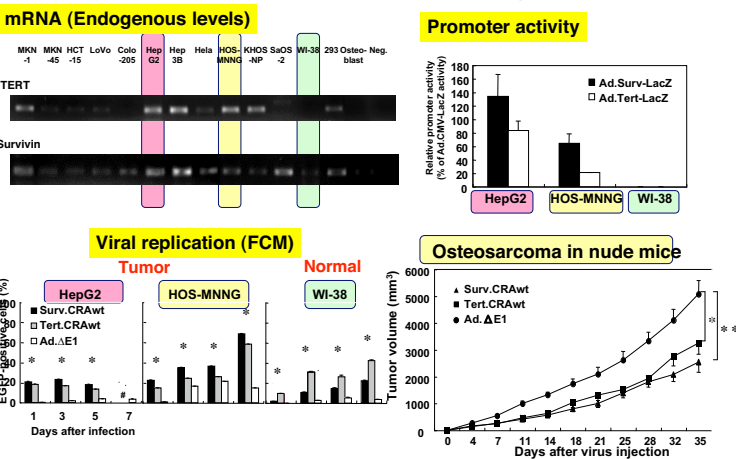
Constitution and Construction of m-CRA



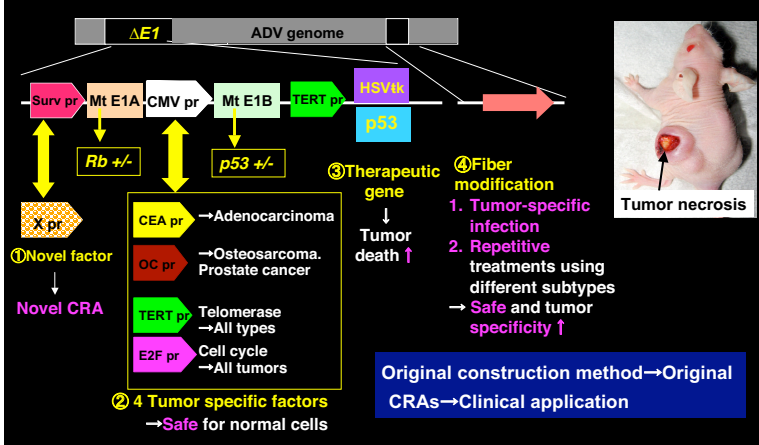
Survivin-Responsive CRA Replicates in Tumor-Specific Manner



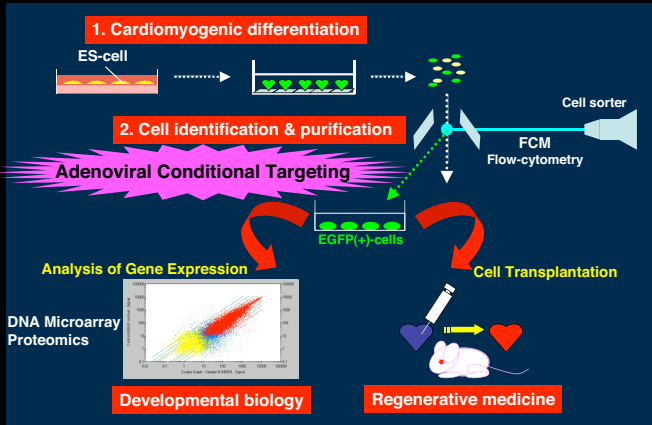
Surv.CRA Elicits More Tumor-Specific Killing Than Tert.CRA



Enormous Potentials of Our Method to Efficiently Develop and Improve m-CRAs for Innovative Anti-Cancer Agents

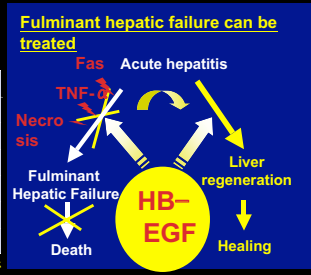
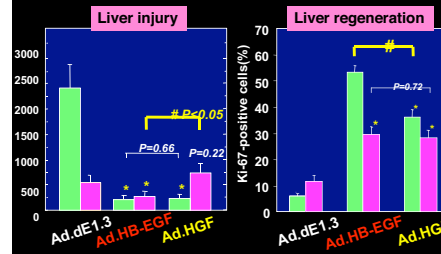


ES Cell-based Regenerative Medicine And Developmental Biology



3. HB-EGF for Treating Liver Disorders

Regenerative Medicine



Regeneration and treatment **within** the body \rightarrow **Ideal medicine**

HB-EGF is more potent than HGF
 \rightarrow A novel therapeutic agent for liver diseases

NC Khai et al. & Kosai K. J Hepatol (2006)