

1990

AACR Adds a Second Journal: Cell Growth & Differentiation



**GEORGE F. VANDE WOUDE, PHD,
FOUNDING EDITOR-IN-CHIEF, 1990-1996**

A leader in the field of cellular and molecular biology, Dr. Vande Woude has led research on cloning integrated copies of acute transforming retroviruses and comparing their resulting oncogene copy numbers with copies of normal genes (protooncogenes). He isolated and identified sequences called long-terminal repeats (LTRs) found in DNA after retroviral infection and showed that enhancers within LTRs promote gene expression. He later discovered the human MET oncogene and protooncogene and characterized the protein as a receptor tyrosine kinase, work that led to identifying MET's ligand, hepatocyte growth factor (HGF), and the observation that aberrant expression of HGF and MET can stimulate carcinogenesis. Dr. Vande Woude conducted research at the National Cancer Institute for many years and was the founding director of the Van Andel Research Institute.

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Inaugural Editorial

Model of Mutant p53 Cooperativity with Oncogenic Ras

HIGHLY CITED ARTICLE

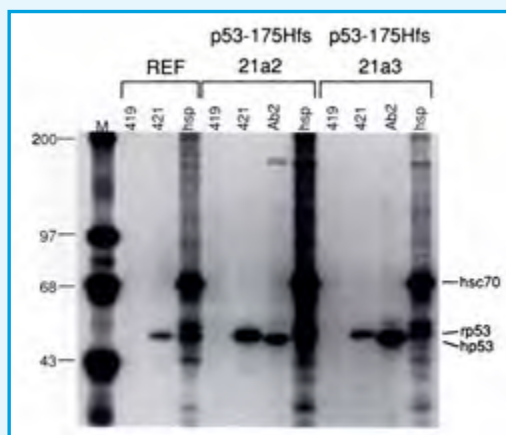


Figure 5. Expression of p53-175Hfs in transformed REF, primary rat embryo fibroblasts (REF) or the transformed cell lines p53-175Hfs-21a2 or p53-175Hfs-21a3 (transfected with p53-175Hfs plus E1A plus ras) were metabolically labeled with [³⁵S]methionine, and equal amounts of labeled protein (2.7 × 10⁶ cpm) were immunoprecipitated with PAb419 (419), PAb421 (421), Ab2, or anti-hsp70 antisera (hsp) and electrophoretically separated. The migrations of molecular mass markers, hsc70, rat p53 (rp53), and human p53 (hp53) are indicated. The autoradiogram is a 7-day exposure.

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Uncovering TOPO2 Isoform Expression Patterns and Functional Differences

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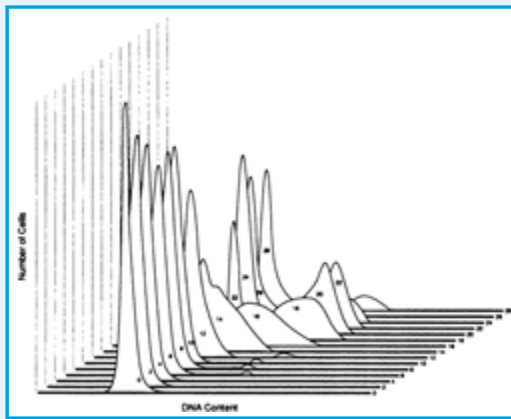


FIGURE 2. Flow cytometric analysis of the DNA content in samples from one of the experiments used to compile the data in Fig. 1. Samples were prepared for flow cytometric analysis as described in "Materials and Methods." Each sample contained 20,000 cells. Numbers, time, in hours, after simulation.

First Impact Factor: 3.987

1993

LPA Alters Neuronal Appearance

FIGURE 2. Effect of locally applied LPA on growth cone and neurite behavior. Application of LPA from micropipet (containing 50 μ M LPA in DMEM), triggering growth cone collapse within 10 s.



1997

Duke Researcher Named Editor



JOSEPH R. NEVINS, PHD, EDITOR-IN-CHIEF, 1997-2002

2002

Cell Growth & Differentiation Evolves into a New Journal: Molecular Cancer Research

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