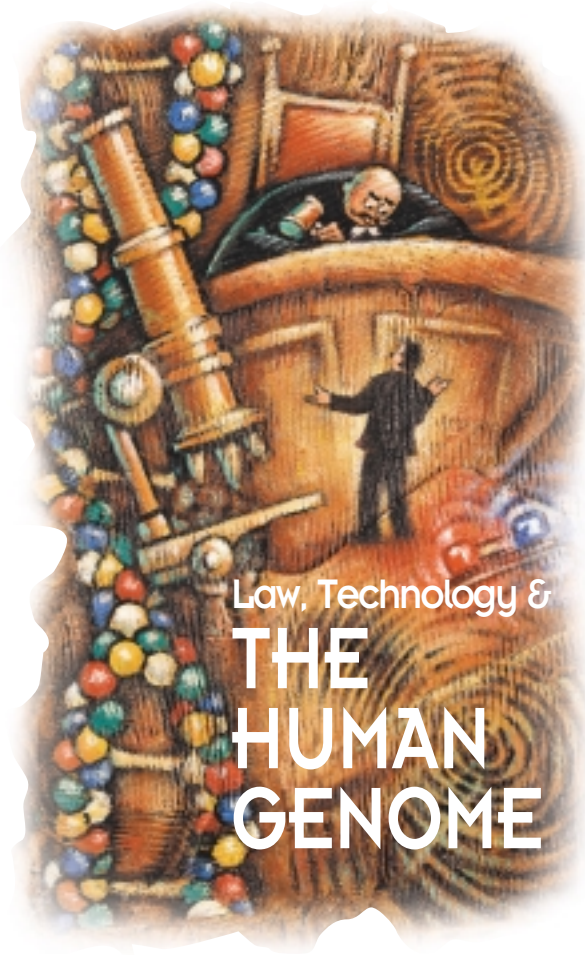


3RD ANNUAL

**AT THE CROSSROADS
CONFERENCE**



Law, Technology &
**THE
HUMAN
GENOME**

November

9th & 10th,

2001

at

Caltech,

Pasadena

Presented by

The Program for
law & technology
at California Institute of Technology & Loyola Law School

WELCOME

AN INVITATION TO ATTEND

Since our comparatively humble beginnings and under the guidance of our generous sponsor, Dr. Henry C. Yuen, the Program for Law & Technology has expanded to bring a unique educational perspective to diverse topics of joint legal and scientific interest. On November 9th & 10th, our 3rd Annual At the Crossroads conference will center on legal questions involving the human genome. The event will commence on Friday afternoon with our latest Mock Trial effort, the case of *NuGenEra v. Salvador Dolly*, testing the patentability of a human genome.

Saturday's full day of sessions will focus on panel presentations and public discussion of related issues, involving Genetic Property, Genetic Privacy, and Genetic Progress. Needless to say, these are among the most topical and important subjects of joint legal and scientific interest today.

We have lined up an extremely distinguished group of lawyers, scientists, and other public intellectuals to discuss these cutting edge issues, including the regulation of genetic discrimination and stem cell research. We invite you to join us, to take part in the exploration of these matters falling at the intersection of law and technology.

The events are free and open to the public, but space is limited, so we kindly ask you to register in advance if you can make some or all of the sessions (see inside back cover for details). You are welcome to come to either or both Friday's trial and Saturday's conference, to learn as you please. We hope to see you there!

Very truly yours,



Karl Manheim
Loyola Law School
and



Edward J. McCaffery
Division of the Humanities
and Social Sciences,
California Institute of Technology

SCHEDULE

FRIDAY, NOVEMBER 9TH

Mock Trial

Ramo Auditorium

The Curious Case of Owning
One's Own Genome
NuGenEra Inc. v Salvador Dolly

2:00pm Registration

2:30pm Trial begins

Refreshment Break

5:30pm Trial concludes
Hosted Reception Follows

MCLE Credit

Loyola Law School is a State Bar of
California MCLE approved provider.

Friday:
2.5 Hours of MCLE Credit offered.

Saturday:
5.5 Hours of MCLE Credit offered.

Daily sign-in registration required for
MCLE credit.

SATURDAY, NOVEMBER 10TH

Public Conference & Discussion

Beckman Auditorium

Law, Technology & The Human
Genome

8:00am Registration and
Refreshments

9:00am Morning Session
Welcome & Introduction
Video: "16 Minutes"

PANEL ONE:
Genetic Property

Refreshment Break

Mock Trial Ruling
Questions & Comments

12:00pm Hosted Lunch

1:30pm Afternoon Sessions
PANEL TWO:
Genetic Privacy
Questions & Comments

Refreshment Break

PANEL THREE:
Genetic Progress
Questions & Comments

Closing Remarks

5:00pm Program Concludes

For registration information see inside back cover.



THE TRIAL

THE CURIOUS CASE OF OWNING ONE'S OWN GENOME



The public trial of

NuGenEra Inc. v.

Salvador Dolly

In the United States

District Court for the

Western District of

California

Hon. Marilyn Hall Patel,
presiding (sitting by designation)

Legal Team for Plaintiff:

Katharine Ip, Caltech

Olga Kay, Loyola

Andrea Lin, Loyola

Paul Updike, Caltech

Robert Berliner, Esq. and

Margaret Churchill, Esq.

Fulbright & Jaworski L.L.P.,
of counsel

Aside from being fictitious, Salvador Dolly was an ordinary man. Concerned about his ability to father healthy children, he went to a genetic testing service, where he got a clean bill of health. But when NuGenEra, Inc., a biotech firm, performed a screen on Dolly's about-to-be-discarded tissues, they made a remarkable discovery: something in Dolly's genes made him naturally resistant to AIDS. NuGenEra proceeded to sequence Dolly's genome

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FRIDAY

THE TRIAL

NuGenEra Inc. v. Salvador Dolly

and patent the product of its research. Meanwhile, Dolly found out about his genetic good fortune, and sought to go into business himself. Now NuGenEra is suing Dolly to prevent him from using his own genome! What will happen? Who owns Dolly's genome?

Tune in as teams of lawyers from Caltech and Loyola argue before distinguished Judge Marilyn Hall Patel, with live testimony from leading genetic scientists to help decide these cutting-edge issues in *The Curious Case of Owing One's Own Genome*.

Legal Team for Defendant:

Joe Andrieu, Caltech
Lir Burke, Loyola
Mimi Chiang, Loyola
Elizabeth Hong, Caltech
Catherine M. Polizzi, Esq.
Morrison & Foerster L.L.P.,
of counsel

Expert Witnesses

For the Plaintiff:

Dr. Noriyuki Kasahara, USC Keck
School of Medicine

For the Defense:

Dr. Richard Myers, Stanford
University Human Genome
Center

Law Clerks to the Honorable Marilyn Hall Patel:

Morgan Venable,
Caltech
James Warren,
Loyola



FRIDAY

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PUBLIC CONFERENCE

LAW, TECHNOLOGY & THE HUMAN GENOME

PANEL TOPICS

- Genetic Property
- Genetic Privacy
- Genetic Progress



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SATURDAY

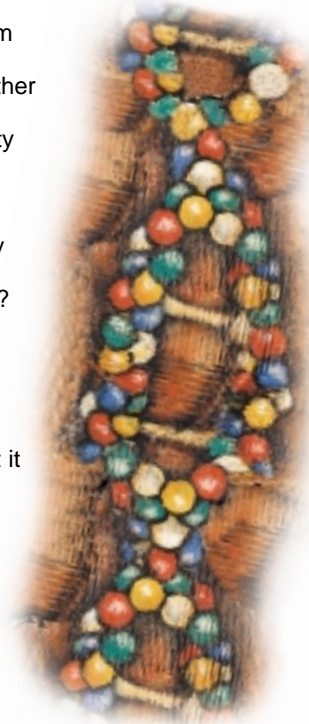
Saturday will feature public panels, discussion, and debate with leading lawyers, scientists and others. The questions posed will be at the cutting edge of the ever-changing intersection of law and technology. The three panels will each feature different formats: Socratic questioning of panelists, formal presentation, questions and answers. There will also be opportunities for audience interaction with our distinguished guests.

In addition to these panels on topics of tremendous topical interest, the day will be packed with other fun and informative events and surprises. A specially prepared video, "16 Minutes," will introduce attendees to the topic of the Mock Trial from Friday. Judge Patel will issue her ruling from the bench during Saturday's session. There will be a hosted lunch and refreshment breaks presenting opportunities to meet with speakers and fellow attendees.

PANEL ONE

GENETIC PROPERTY

Who owns the human genome? Now that a baseline genome has been mapped, nearly all human genes have been patented. But each of us has a unique sequence whose unfolding mysteries may hold the promise for genetic benefit. Do we “own” our own genome? Should we each patent our genome lest someone else (such as NuGenEra, Inc.) does it first? Aside from patents, what other forms of property rights exist in genetic property and information? Who owns our genes? What difference might it all make?



PARTICIPANTS

- **Erwin Chemerinsky, USC Law School, Moderator**
- **David Baltimore, Caltech**
- **Rebecca Eisenberg, University of Michigan Law School**
- **Leroy Hood, Institute for Systems Biology**
- **Daniel Kevles, Yale University & Caltech (emeritus)**
- **Stephen Kunin, U.S. Patent & Trademark Office**
- **Mark Rohrbaugh, National Institutes of Health**

SATURDAY

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PANEL TWO

GENETIC PRIVACY

PARTICIPANTS:

- **Andrew Pollack, Biotechnology Reporter, NY Times, Moderator**
- **Colin Diver, University of Pennsylvania Law School**
- **Henry Greely, Stanford Law School**
- **Leroy Hood, Institute for Systems Biology**
- **J. Alexander Lowden, LabOne, Canada**
- **Edward McCabe, UCLA Medical School and Mattel Children's Hospital**

Who has access to our genetic information? Our genetic codes are easily archived, disseminated, and analyzed. State and federal law presently offers scant protection for genetic privacy. Should the law be strengthened? Or is access to information a social good, especially where it will aid in genetic research and therapies? Should genetic information be available to employers, insurers, public health officials, judicial and public safety personnel? Will access to individual genetic information enable a new and invidious form of discrimination? What about potential spouses, co-parents or children? Do they have the right to know?

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SATURDAY



PANEL THREE

GENETIC PROGRESS

The recent stem cell controversy poses a host of hard questions at the intersection of law and science policy. What is stem cell research? What are the

differences between adult and embryonic stem cells? What are the legal, ethical, and social implications to research on different types of stem cells? What can be gained from a science perspective?

At what costs?

What could and

should the

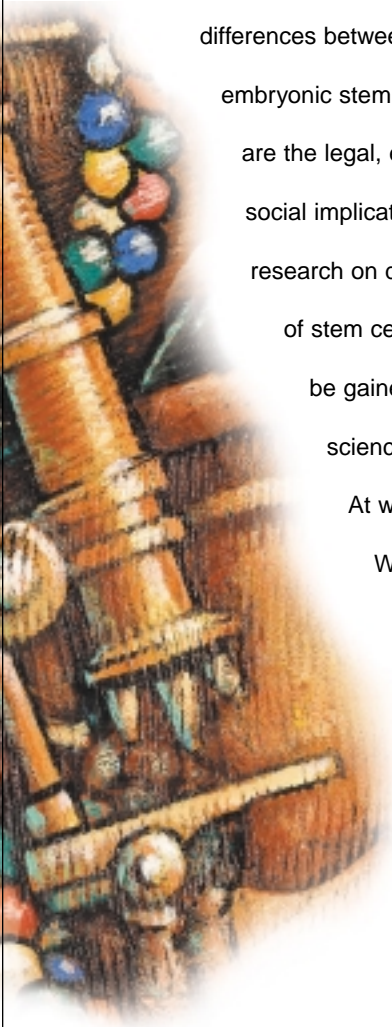
law do

about the

issues?

PARTICIPANTS:

- **Manny Medrano, Legal Reporter, KNBC News, Moderator**
- **David Baltimore, Caltech**
- **Alta Charo, University of Wisconsin-Madison Law School**
- **Jorge Garcia, Boston College**



SATURDAY

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About the Program

A COLLABORATIVE EFFORT BY CALTECH & LOYOLA

The Program for Law & Technology at California Institute of Technology and Loyola Law School, conceived by a joint alumnus, Henry C. Yuen, President & Chief Executive Officer, Gemstar-TV Guide International, Inc, aims to bridge the often wide gap between law and science today. The Program brings present and future scientists, engineers, lawyers, and policy makers together to explore new developments at the intersection of law and technology.

The Program features:

- New courses on law and technology at Caltech and Loyola;
- The Yuen Fellows speaker series bringing world-renowned lawyers and scientists to the two campuses;

- Periodic workshops and presentations on topics of interest to lawyers and scientists; and
- An annual conference – At the Crossroads of Law & Technology – featuring a mock trial, public lectures, and academic presentations.

We invite you to participate in upcoming Program events and to help shape the Program with your ideas and input. For the latest information, visit our web site:



<http://techlaw.lls.edu>



The Program for
law & technology
at California Institute of Technology & Loyola Law School

California Institute of Technology
Edward J. McCaffery (Co-Chair)
Eric Talley
John O. Ledyard, Chair, Division of the
Humanities and Social Sciences
Thomas A. Tombrello, Chair, Division of
Physics, Mathematics & Astronomy

Loyola Law School
Karl M. Manheim (Co-Chair)
Lawrence B. Solum
David W. Burcham, Dean
Victor J. Gold, Associate Dean

RSVP REGISTRATION

Both the Friday Mock Trial and the Saturday Public Conference events are **free and open to the public.**

Space is limited, however, and we need to plan. **We therefore request that you register in advance,** letting us know whether you will be joining us for Friday and/or Saturday, and if you would like a box lunch on Saturday.

Please feel free to pass along our invitation to interested friends and colleagues.

CONTACT US:

● Email Us:

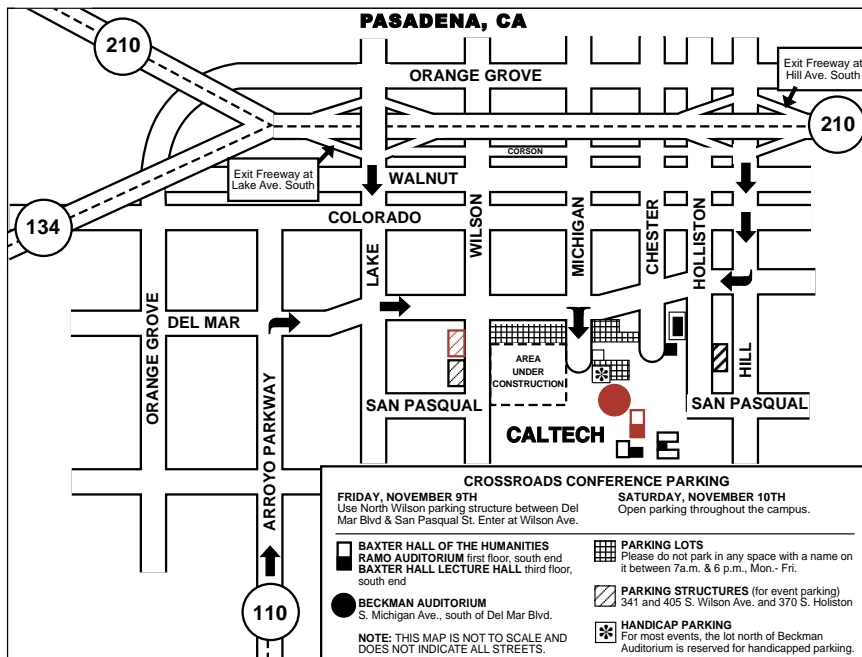
Patricia Hamad, Caltech,
path@hss.caltech.edu

● Register on our Web Site:

<http://techlaw.lls.edu>

● Call Us:

**213-736-1423 or
800-871-0845**



The Program for
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at California Institute of Technology & Loyola Law School
P.O. Box 15019, Los Angeles, CA 90099-9278



November 9th & 10th, 2001
Free and Open to the Public

Advance Registration Required.
See Inside Back Cover for Details.