

2:50 pm – Dr. Bill Sugden

How Epstein-Barr Virus Sustains its Associated Cancers



Dr. Bill Sugden studies the molecular biology of the human tumor virus, Epstein-Barr virus (EBV). EBV is a herpesvirus that causes the common, benign infectious mononucleosis, as well as lymphomas such as Burkitt's Lymphoma, most B-cell lymphomas in immunocompromised hosts, and nasopharyngeal carcinoma. His group studies EBV both to understand its contributions to these diseases molecularly and to develop rational means to treat them. Bill Sugden is Professor of Oncology at the McArdle Laboratory for Cancer Research of the University of Wisconsin-Madison.

3:25 pm – Dr. George Klein

Towards a genetics of cancer resistance



Dr. George Klein, professor emeritus and research group leader for the Microbiology and Tumor Biology Center in Stockholm, Sweden. A well-known scientist and author in Sweden, Klein's special interests are in the fields of tumor immunology, cancer cell genetics and tumor virology. Klein earned his medical

degree from the Karolinska Institute in 1951, where he spent his entire professional career. He was a professor of tumor biology and head of the department of tumor biology until he retired in 1993.

4:00 pm – Prof. Dr. Harald zur Hausen

4:45 pm --Reception in the Neue Universität

(in front of the Alte Aula)

The organizers are grateful for the generous support of



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Organized by

Prof. Dr. Lutz Gissmann (DKFZ)
Prof. Dr. Hans-Georg Kräusslich
(Medical Faculty of Heidelberg University)
Dr. Antje Keppler
(Medical Faculty of Heidelberg University)
and the Medical Faculty of Heidelberg University

Contact:

antje.keppler@med.uni-heidelberg.de
Tel. 06221/56-5216



Medizinische Fakultät Heidelberg

Highlights in Tumor Virology

Scientific symposium on the occasion of the Nobel price awarded to

Harald zur Hausen



January 16th, 2009, 9:00 am
Heidelberg University – Alte Aula



**Prof. Dr. med. Dr. h.c. mult. Harald zur Hausen
Winner of the Nobel Prize in Medicine 2008**

Harald zur Hausen, former Scientific Director of the German Cancer Research Center, a member of the Helmholtz Association, is recognized for finding that cervical cancer is caused by viral infections. His research made it possible to develop a vaccine against the third most frequent cancer in women.

Professor Harald zur Hausen studied Medicine at the Universities of Bonn, Hamburg and Düsseldorf and received his M.D. He worked as postdoc at the Institute of Microbiology in Düsseldorf, then as Assistant Professor in the Virus Laboratories of the Children's Hospital in Philadelphia, senior scientist at the Institute of Virology of the University of Würzburg, and as Chairman and Professor of Virology at the University of Erlangen-Nürnberg. In 1977 he moved to a similar position to the University of Freiburg. From 1983 until 2003 he was appointed as Scientific Director of the Deutsches Krebsforschungszentrum (German Cancer Research Center) in Heidelberg. Harald zur Hausen has been an honorary professor of the University of Heidelberg since 1988 and is a member of its Faculty of Medicine.

09:00 am – Welcome

Rector Prof. Dr. Bernhard Eitel,
Dean Prof. Dr. Claus Bartram,
Prof. Dr. Otmar Wiestler

09:40 am – Dr. Peter Howley

Mechanisms of HPV Carcinogenesis



In his research, Peter Howley focuses on the molecular biology of the papillomaviruses and the role of these viruses in carcinogenesis. There is compelling evidence associating several specific types of the human papillomaviruses (HPVs) with human cervical cancer. Peter Howley is Professor of Pathology at Harvard

Medical School in Boston.

10:15 am – Dr. Yuan Chang

*Identification and Primary Characterization of
Merkel Cell Polyomavirus*



Dr. Yuan Chang co-discovered Kaposi's sarcoma-associated herpesvirus (KSHV), showing that this virus was the etiologic agent of Kaposi's sarcoma, primary effusion lymphoma, and multicentric castleman's disease. Chang and her co-workers also discovered Merkel cell polyomavirus, a likely viral contribu-

tor to Merkel cell carcinoma. Dr. Chang is a Professor of Pathology in the Molecular Virology Program at the University of Pittsburgh Comprehensive Cancer Institute.

10:50 am – Dr. Ding-Shinn Chen

Decrease of hepatocellular carcinoma in childhood and beyond: Two decades after hepatitis B immunization in Taiwan



Ding-Shinn Chen has used every strategy at his disposal to battle the worldwide devastation caused by hepatitis B. From public health strategies that lower the rate of hepatitis B infection to basic molecular research that solves the mysteries of how the virus causes disease.

Chen was Dean of the National Taiwan University College of Medicine, and is currently Distinguished Chair Professor and Director of the National Taiwan University Center for Genomic Medicine.

11:25 am – Dr. Charles Rice

Towards preventing liver cancer: New insights into the hepatitis C virus lifecycle



Dr. Rice's laboratory focuses on understanding the mechanisms of viral replication and on developing vaccines to fight HCV and other viral diseases such as yellow fever. Dr. Rice is scientific director of the interdisciplinary Center for the Study of Hepatitis C, a center established jointly by The Rockefeller University, New York-Presbyterian Hospital and Weill Medical College of Cornell University in New York City.

12:00 am – LUNCH BUFFET

1:00 pm – Dr. Bernard Roizman

Targeting herpes simplex viruses for treatment of malignant glioma



Bernard Roizman is considered to be the world's foremost expert on the herpes simplex virus. Roizman has spent his career trying to understand just how the herpes virus uses its 84 genes to hijack a human cell. Bernard Roizman, ScD, is Joseph Regenstein Distinguished Service Professor in the departments of

molecular genetics and cell biology and biochemistry and molecular biology at the University of Chicago.

1:35 pm – Dr. Moshe Yaniv

The multiple facets of the Papillomavirus E2 protein



Moshe Yaniv studies the interplay between transcription factors and chromatin remodelling in controlling gene expression in mammalian cells. He investigates several families of transcription factors that govern cell growth, differentiation and organogenesis. Finally his work on the papilloma-

virus E2 protein has implications for the understanding of the viral life cycle, malignant transformation and the development of antiviral drugs. He is Emeritus Professor at the Pasteur Institute in Paris.

2:10 pm – Coffee Break