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## **PERSONAL**

Name: Kazunari K. Yokoyama  
Date of Birth: March 11, 1951  
Place of Birth: Hokkaido, Japan  
Marital Status: Married  
Family: Tomoko Yokoyama (spouse)  
Kyosuke T. Yokoyama (child)  
Hiroaki Yokoyama (child)  
Official Address: Professor, Kaohsiung Medical University  
Center of Excellence for Environmental Medicine  
Graduate Institute of Medicine  
100 shih-Chuan 1<sup>st</sup> Road, San Ming District,  
Kaohsiung, 800708, Taiwan  
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## **EDUCATION**

High School	Tomakomai Higashi High School Hokkaido, Japan	1966-1969
B.A.	Shizuoka University Shizuoka, Japan	1969-1973
M.A.	University of Tokyo Department of Science, Division of Biochemical & Biophysical Chemistry Tokyo, Japan	1974-1976
Ph.D.	University of Tokyo Department of Science, Division of Biochemical &	1976-1979

# Biophysical Chemistry

## **PROFESSIONAL APPOINTMENTS PREGRADUATE**

Training Fellow at University of  
Tokyo, Department of Agriculture,  
Laboratory of Professor K. Imahori, Tokyo, Japan 1973-1974

Pre doctoral Studies in the  
Laboratory of Professor T. Osawa,  
Division of Pharmaceutical Science,  
University of Tokyo, Tokyo, Japan 1974-1979

Research Associate with Dr. T. Osawa,  
Division of Pharmaceutical Science  
University of Tokyo, Tokyo, Japan 1979

## **POSTGRADUATE**

Post doctoral Fellow with Dr. Stanley  
G. Nathenson, Department of Micro-  
biology & Immunology, Albert Einstein  
College of Medicine, Bronx, New York, USA 1979-1983

Research Associate with Dr. Keiichi  
Itakura, Department of Molecular  
Genetics, Beckman Research Institute  
of the City of Hope, Duarte, California, USA 1983

Junior Research Scientist (=Assistant Professor)  
Department of Molecular Genetics  
Beckman Research Institute of the  
City of Hope, Duarte, California, USA 1983-1985

Researcher with Dr. Fumio Imamoto  
Department of Molecular Genetics 1985-1988

Tsukuba Life Science Center  
RIKEN, Tsukuba, Japan

Adjunct Researcher with Dr. Gabriel Gachelin 1987-1991  
Frontier Research Program (Chromosome)  
Laboratory of Molecular Regulation of Aging  
RIKEN, Tsukuba, Japan

Researcher with Dr. Yoji Ikawa 1989-1992  
Gene Bank (DNA Bank)  
RIKEN, Tsukuba, Japan

Adjunct Researcher with Dr. Ichiro Inoue 1989-1990  
Human Genome Project  
Gene Bank (DNA Bank)  
RIKEN, Tsukuba, Japan

Adjunct Researcher with Dr. Hiromitsu Amemura 1990-1991  
Human Genome Project  
Gene Bank (DNA Bank)  
RIKEN, Tsukuba, Japan

Researcher with Dr. Teruyo Sakakura 1992-1993  
Gene Bank (DNA Bank)  
RIKEN, Tsukuba, Japan

Researcher with Dr. Tadao Ohno 1993-1994  
Gene Bank (DNA Bank)  
RIKEN, Tsukuba, Japan

Senior Researcher  
Head of DNA Bank, Gene Bank 1994-2000  
RIKEN, Tsukuba, Japan

Senior Researcher  
Head of Gene Engineering Division,  
BioResource Center 2001-2009  
RIKEN, Tsukuba, Japan

Professor  
Center of Excellence for Environmental Medicine  
Graduate Institute of Medicine  
Kaohsiung Medical University  
Kaohsiung, Taiwan  
2009-present

Visiting researcher  
BioResource Center  
RIKEN, Tsukuba, Japan  
2009-present

Visiting researcher  
Department of Medicine  
Tokyo University, Japan  
2009-present

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## **JOB**

Visiting Researcher  
Pasteur Institute  
Department. of Immunology, France  
(Laboratory of Dr. Philippe Kourilsky)  
1990.1-1990.3

Visiting Lecturer in University of Tokyo  
Dept. of Pharmaceutical Science, Tokyo, Japan  
1993-1994

Visiting Lecturer in Hiroshima University  
Dept. of Science and Arts, Hiroshima, Japan  
1994-1995

Visiting Lecturer in Tokushima University  
Dept. of Engineering, Tokushima, Japan  
1995-1999

Visiting Lecturer in Tokyo Medical and Dental  
University, Dept. of Dentistry, Tokyo, Japan  
1996-1997

Visiting Lecturer in University of Tokyo, Dept. of  
Agriculture, Japan  
1998-2000

Visiting Lecturer in Kagoshima University, Dept. of  
Agriculture, Kagoshima, Japan  
1999-2000

Visiting Lecturer in Kagoshima University, Dept. of Agriculture, Kagoshima, Japan	2002-2003
Visiting Lecturer in Kagoshima University, Dept. of Agriculture, Kagoshima, Japan	2005-2007
Visiting Lecturer in Sasaki Research Institute Tokyo, Japan	2000
Visiting Lecturer in University of Tokyo, Dept. of Agriculture, Japan	2001-2002
Visiting Lecturer in University of Tokyo, Dept. of Agriculture, Japan	2003-2008
Visiting Lecturer in Tsukuba University, TARA Center, Japan	2002-2007
Visiting Lecturer in Tsukuba University, TARA Center, Japan	2008-2012
Visiting Member of Biological Resources, NIG, Mishima, Japan	2003-2009

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## **HONOR**

Honorary Professor of China Medical University Shenyang, China	1995-
Visiting Professor of Fudan, University, Genetic Institute, Shanghai, China	1997-
Visiting Professor of Secondary Military Medical University, Shanghai, China	1998-
Adjunct Assistant Professor of the University of Tennessee, Graduate School of Medicine, Knoxville, TN, USA.	2000-2001

Adjunct Professor of the University of Tennessee,  
Graduate School of Medicine, Knoxville, TN, USA.

2001-

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## **PRACTICE (PROFESSIONAL) EXPERIENCE**

Vice Director of Gene Diagnosis Center, 1995-1998  
Shenyang, The Sixth People Hospital,  
Shenyang, China

## **TEACHING EXPERIENCE**

University of Tokyo, Dept. of Pharmaceutical Science Graduate course	1993-1994 (-40 students)
Hiroshima University, Dept. of Science and Arts, Undergraduate Course	1994-1995 (-65 students)
Tokushima University, Dept. of Engineering, Graduate Course	1995-1999 (-25 students x5=250 students)
Tokyo Medical and Dental University, Dept. of Dentistry, Graduate Course	1996-1997 (-15 students)
University of Tokyo, Dept. of Agriculture Graduate Course	1997- 2007 (-400 students)
China Medical University, Shenghai, Graduate Course, China	1995-1998 (20 students x 6=120 students)
Fudan University, Shanghai, Graduate Course, China	1997- 2009 (150 students)
Secondary Military Medical University Shanghai, Graduate Course, China	1998- 2000 (15 students x 3=45 students)
Kagoshima University, Dept. of	1999- 2009



Agriculture Course, Graduate Course (200 students)

Shanghai Biochemistry & Cell Biology Institute,  
Chinese Academy Sciences, Graduate Course (25 students)

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## **AWARDS**

Medal prize in China Medical University 1995

Prize in Fudan University, Genetic Institute 1997

Medal prize in Secondary Military Medical University 1998

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## **RESEARCH AND OTHER EXTERNAL SUPPORT**

Ministry of Education, Science, Sports and Culture of Japan="Monbu sho"

Science and Technology Agency of Japan="STA"

Ministry of Welfare="Kousei sho"

- 1989 (1) Monbu sho, Grant C "Transcriptional control of MHC class I gene  
Cancer and Organ Transcription"  
(2) Monbu sho, Special I "Expression of Tumor specific antigen and immune  
net work"  
(3) STA, "Promotion of Technological development for immune response"  
(4) Kousei sho, "Recombinant Technology in developing the HIV vaccine"
- 1990 (1) Monbu sho, Grant C "Transcriptional control 1 of MHC class I gene -  
Cancer and Organ Transplantation"  
(2) Monbu sho, Special I "Expression of Tumor specific antigen and immune  
network"  
(3) STA "Promotion of Technological Development for immune response"  
(4) Kousei sho, "Development of Therapeutic agent for viral infection"
- 1991 (1) STA, "Promotion of Technological Development for immune response"  
(2) STA, Promoted Development of Mapping Technology for Human  
Genome"  
(3) Kousei sho, "Development of Therapeutic agent for viral infection"
- 1993 (1) Monbu sho, Special I "Expression of DNA Tumor viral early gene and its  
targets in host cells"

- (2) STA, "Promoted Development of Mapping Technology for Human Genome"
  - (3) Sagawa Cancer Association, "Anti-tumor activity induced by antisense nucleic acids"
  - (4) Life Science Promotion Association "Induced Differentiation Mouse EC cells"
- 1994
- (1) Monbu sho, Grant B "Expressional Control of MHC class I gene by Oncogene and Anti-oncogene"
  - (2) Monbu sho, Special I "Expression of DNA Tumor viral early gene and its targets in host cells"
  - (3) STA, "Promotion of the controls of somatic cells in immune hematopoietic system"
- 1995
- (1) Monbu sho, Grant B "Expressional Control of MHC class I gene by Oncogene and Anti-oncogene"
  - (2) Monbu sho, Special I "Expression of DNA Tumor viral early gene and its targets in host cells"
  - (3) STA, "Promotion of the controls of somatic cells in immune hematopoietic cells"
- 1996
- (1) Monbu sho, Grant B "Expressional Control of MHC class I gene by Oncogene and Anti-oncogene"
  - (2) Monbu sho, Special I "Transcriptional control by gene products of DNA tumor virus"
  - (3) STA, "Promotion of the controls of somatic cells in immune hematopoietic cells"
- 1997
- (1) Monbu sho, Special I "Transcriptional control by gene products of DNA tumor virus"
  - (2) Monbu sho, Special II "Differentiation of ES cells by p300/CBP coactivator"
  - (3) STA, "Expressional control of MHC class I gene"
- 1998
- (1) Monbu sho, Special I "Transcriptional control by gene products of DNA tumor virus"
  - (2) Monbu sho, Special II "Differentiation of ES cells by p300/CBP coactivator"
  - (3) STA, "Expressional control of MHC class I gene"
  - (4) STA, "Promotion of banking technology and detection system of recombinant virus"
- 1999
- (1) Monbu sho, Special II "Differentiation of ES cells by p300/CBP coactivator"
  - (2) Monbu sho, Special II "Differentiation regulation of hemato poietic cells by Triple helix-DNA-binding factor MAZ and coactivator p300/CBP"

- (3) Monbu sho, Grant B "Chromatin Remodeling by triple helix-DNA-binding factor MAZ and p300/CBP"
  - (4) STA, "Expressional control of MHC class I gene"
  - (5) STA, "Promotion of banking technology and detection system of recombinant virus"
- 2000
- (1) Monbu sho, Special II "Differentiation of ES cells by p300/CBP coactivator"
  - (2) Monbu sho, Special II "Regulation of differentiation of hematopoietic cells by triple complex binding protein MAZ and p300/CBP"
  - (3) Monbusho, Grant B "Chromatin remodeling by triple helix-DNA-binding protein MAZ and p300/CBP"
  - (4) STA, "Promotion of banking technology and detection system of Recombinant virus"
  - (5) Uehara foundation "Pluripotency of embryonic stem cells and chromatin regulation"
- 2001
- (1) Monbu sho, Special II "Differentiation of ES cells by p300/CBP coativaton"
  - (2) Monbu sho, Special II "AP-1 signal as a check pout of cell proliferation and differentiation"
  - (3) Monbu sho, Grant B " Chromatin remodeling by triple helix-DNA-binding protein MAZ and p300/CBP"
  - (4) STA, "Promotion of banking technology and detection and system of recombinant virus"
- 2002
- (1) Monbu sho, Special II "Differentiation of EC cells and histone acetylation"
  - (2) Monbu sho, Special II "AP1 signal as a check point of cell proliferation and differentiation"
  - (3) Monbu sho, Grant A (2) "Chromatin dynamics and cell differentiation"
  - (4) Monbu sho, Grant A (2) "Promotion of banking technology and detection system of recombinant virus"
  - (5) Monbu sho, RR2002 "Bioresouce Project"
- 2003
- (1) Monbu sho, Grant A (2) "Chromatin dynamics and cell differentiation"
  - (2) Monbu sho, RR2002 "Bioresource Project"
  - (3) Novartis "Generation of cloned animal derived from bovine and equine ES cells."
- 2004
- (1) Monbu sho, Special II "Differentiation of ES cells and chromatin Modification"
  - (2) Monbu sho, RR2002 "Bioresource Project"
- 2005
- (1) Monbu sho, Grant B (2) "Chromatin dynamics and cell differentiation"
  - (2) Monbu sho, RR2002 "Bioresource Project"
- 2006
- (1) Monbu sho, Grant B (2) "Chromatin dynamics and cell differentiation"

- (2) Monbu sho, RR2002 "Bioresource Project"
- 2007 (1) Monbu sho, Special II "Prevention of viral infection"  
(2) Monbu sho, RR2002 "Bioresource Project"
- 2008 (1) Monbu sho, Special II "Prevention of viral infection"  
(2) Monbu sho, RR2002 "Bioresource Project"  
(3) Naitou foundation "Chromatin modification and cell differentiation"
- 2009 (1) Monbu sho, Grant B (2) "Chromatin dynamics and cell differentiation"  
(2) Monbu sho, RR2002 "Bioresource Project"

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Since I moved to Taiwan, I returned all grants to Japanese Monbu sho.

- 2009 (1) KMU starting grant, Taiwan  
(2) KMU Special Research grant, Taiwan  
(3) KMU Center of Excellence Environmental Medicine, Taiwan  
(4) NSC Invitation grant of visiting professor, Taiwan
- 2010 (1) KMU Cancer Center "Liver Cancer" and "Gastric Intestinal Cancer",  
Taiwan  
(2) KMU Center of Excellence Environmental Medicine, Taiwan
- 2011 (1) KMU Cancer Center "Liver Cancer" and "Gastric Intestinal Cancer",  
Taiwan  
(2) NHRI Grant "Study of chromatin dynamics by transcription factor JDP2 in  
anti-oncogenesis"  
(3) NSC Grant "The role of transcription factor JDP2 in cell cycle control,  
senescence and oncogenesis"  
(4) KMU Center of Environmental Medicine-Grant "Effects of phthalates, the  
environmental disruptor, on nuclear reprogramming and differentiation of  
ES/iPS cells"
- 2012 (1) NHRI Grant "Study of chromatin dynamics by transcription factor JDP2 in  
anti-oncogenesis"

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