

Chisa Yamada, M.D.

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CURRENT APPOINTMENT

Assistant, Transfusion Medicine, Pathology, The Johns Hopkins University School of Medicine, Baltimore, Maryland

Active Staff, Transfusion Medicine, Pathology, The Johns Hopkins Hospital, Baltimore, Maryland

EDUCATION AND TRAINING

- 7 / 2006 – 6 / 2007 Fellow Physician, Blood Bank/Transfusion Medicine
The Johns Hopkins Medical Institutions, Baltimore, MD
- 7 / 2002 – 6 / 2006 Resident Physician, Anatomic and Clinical Pathology
Montefiore Medical Center / Albert Einstein College of Medicine
Bronx, NY
- 2 / 1999 - 2 / 2001 Research Fellow, Department of Oncology
Loyola University Medical Center, Chicago, IL
- performed DNA injection into oocytes for the formation of transgenic mice lines
 - performed knock-out gene experiments in megakaryocyte cell lines to study platelet formation
 - proficient in techniques of genetic material extraction and isolation, bacterial transfection, electrophoresis, blot analyses, and sequence hybridization
 - established website for transgenic mice facility
- 4 / 1988 – 3 / 1992 Fellow, Department of Ophthalmology
Keio University, Tokyo, Shizuoka Red Cross Hospital, and
Yokohama Municipal Citizens' Hospital
- 4 / 1987 – 3 / 1988 Chief Resident, Department of Ophthalmology
Keio University, Tokyo
- 4 / 1986 – 3 / 1987 Resident Physician, Department of Ophthalmology
Keio University, Tokyo

4 / 1980 – 3 / 1986 Tokyo Women's Medical University
Doctorate of Medicine received March, 1986

PROFESSIONAL EXPERIENCE

- 1 / 1994 – 7 / 1998 Chair person, Department of Ophthalmology
Nippon Kokan Hospital, Kawasaki, Japan
- performed approximately 600 general ophthalmology operations
 - led daily clinical rounds with fellows, residents, and medical students
 - ran four outpatient clinics per week
 - directed a department consisting of three physicians and seven support staff
- 3 / 1992 – 12 / 1993 Attending Physician, Department of Ophthalmology
Yokohama Municipal Citizens' Hospital, Yokohama, Japan
- performed approximately 200 general ophthalmology operations
 - led daily clinical rounds with fellows, residents, and medical students
 - ran daily outpatient clinics

LICENSURE AND CERTIFICATION

- 11/2007 Diplomate of the American Board of Pathology in
Clinical Pathology
- 7 / 2007 DEA #FY0363034, active
- 7 / 2007 Maryland Controlled Dangerous Substance #M63491, active
- 6 / 2007 Maryland Medical Licensure #D66241, active
- 1 / 2006 Connecticut Medical Licensure #044003, inactive
- 2 / 2002 ECFMG certification for medicine
(USMLE step1 - 9/24/01, step2 - 6/4/01, step3 - 5/9/02)
- 10 / 1995 Certification, Japanese Board of Ophthalmology (Japan)
- 6 / 1986 Medical Licensure (Japan)
- 3 / 1986 Medical Degree (Japan)

VOLUNTEER EXPERIENCE

- 2 / 2008 – current Research Associate
Northern Neurosciences, Inc.
- <http://www.northern-neurosciences.com/>

- 7 / 1984 - 8 / 1984 Medical Assistant
 JDA Summer Camp for Diabetic Children, Tokyo
 - taught children in diabetes management for Japanese Diabetic Association
- 6 / 1980 - 8 / 1980 Tutor
 Tokyo Women's Medical College
 - assisted with high-school students' preparation for medical matriculation examination
- 6 / 1979 - 8 / 1979 Clinical Assistant
 Keio University, Tokyo
 - measured vital signs and collected demographic information on patients for daily medicine clinic

PUBLICATIONS

Articles:

Yamada C, Serrano-Rahman L, Vasovic L, Mohandas K, Uehlinger J. Antibody identification using both automated solid-phase red cell adherence assay and a tube polyethylene glycol antiglobulin method. *Transfusion* – Published article online: 13-May-2008, doi: 10.1111/j.1537-2995.2008.01736.x

Yamada C, King KE, Ness PM. Autologous serum eye drops: literature review and implications for transfusion medicine specialists. *Transfusion* – Published article online: 10-April-2008, doi: 10.1111/j.1537-2995.2008.01665.x

Borsody MK, **Yamada C**. Effects of the search technique on the measurement of the change in the quality of randomized controlled trials over time in the field of brain injury. *Medical Research Methodology* 2005, 5:7 doi: 10.1189/1471-2288-5-7

Yamada C. Clinical effects of sodium cromoglicate-combined drug (FY-1011) on allergic conjunctivitis. *Rinsho Iyaku* 1995; 11:2257-2265.

Yamada C, Matsuda H, Mashima Y, Oguchi Y. Clinical Application of Visual Evoked Potentials. *Rinsho Ganka* 1988; 42:572-573.

Book:

Comprehensive Neurology Board Review
Thieme Medical Publishers, Inc. New York, 11/6/2006
 - Editor for Pathology: responsible for obtaining and preparing greater than 50 pathology figures and for preparing pathology-related sections of text

Abstracts:

Yamada C, Shirey RS, Montgomery RA, King KE. Duffy Incompatible In Renal Transplantation. (poster) AABB annual meeting, Oct 2008

Shirey RS, Cai W, Chhibber V, Montgomery RA, **Yamada C**, King KE. Streamlining ABO Antibody Titers For Monitoring ABO Incompatible Kidney Transplants. (poster) AABB annual meeting, Oct 2008

Yamada C, Ness PM, Barrasso C, Heitmiller ES, Gerhardt GA, King KE. Reduction In Potassium Concentration Of Stored Red Cell Units Using A Resin Filter. (oral presentation) *Transfusion* 2007;47(Suppl);35A

Yamada C, Lucas DP, King KE, Jackson AM, Leffell MS, Zachary AA. The Effect Of Desensitization Treatments On Cellular Immune Function Measured By Levels Of ATP And Soluble CD30. (poster) *Transfusion* 2007;47(suppl);52A

Bergner ZH, Shirey RS, Barrasso C, **Yamada C**, Ness PM, King KE. With Automated Antibody Screening and Identification By Solid Phase Red Cell Adherence Assay: An Algorithm For Resolving Inconclusive Results. (poster) *Transfusion* 2007;47(suppl);171A

Shirey RS, **Yamada C**, Ness PM, King KE. Drug-induced Immune Hemolytic Anemia Imitating A Severe Delayed Hemolytic Transfusion Reaction. (poster) *Transfusion* 2007;47(suppl);182A

Yamada C, Serrano-Rahman L, Vasovic L, Mohandas K, Uehlinger J. Antibody Identification Strategy Using Both Automated Solid-Phase Red Cell Adherence Assay (SPRCA) And Tube Polyethylene Glycol (PEG) Antiglobulin Methods. (poster) *Transfusion* 2006; 46(suppl);149A

Yamada C, Brandt LJ, Kaleya RN, Ochoa ER. Case report: late-onset Crohn's disease with chronic ischemic colitis. (poster) *Archives of Pathology and Laboratory Medicine* 2005;130:2:256

Yamada C, Borsody MK. Factors associated with the quality in randomized controlled trials examining brain injury. (poster) *Fourth International Congress on Peer Review in Biomedical Literature*, 2001 September 14, Barcelona, Spain

Yamada C, Utsumi G. The effect of secondary implantation of intraocular lens on corneal endothelial cells. (oral presentation) *Kanagawa Ganka Ikai* 1995, Japan

Yamada C, Matsuda H, Mashima Y, Oguchi Y. Clinical Application of Visual Evoked Potentials. *Rinsho Ganka Gakkai* 1987, Japan

ORAL PRESENTATIONS

AABB annual meeting, 2007:

10/22/2007 Reduction In Potassium Concentration Of Stored Red Cell Units Using A Resin Filter.

University of California Irvine:

12 /14/ 2007 Plasmapheresis support for ABO incompatible kidney transplantation

Johns Hopkins Medical Institutions:

5 / 9 / 2008 Transfusion Reactions 2008

6 / 5 / 2007 Transfusion Reactions

6 / 5 / 2007 Reduction in potassium concentration of stored red cell units using a resin filter

5 /30/ 2007 Hemolytic disease of the fetus and newborn (HDFN)

Montefiore Medical Center:

8 / 3 / 2005 Case presentation – Hemolytic disease of the newborn

3 / 28 / 2005 Macroprolactin in hyperprolactinemia

12 / 15 / 2004 Case presentation – Granulocytic Sarcoma

9 / 15 / 2004 Flow cytometry-cytogenetics correlation conference- case of Chronic Lymphocytic Leukemia with ASS gene deletion, case of Acute Myelocytic Leukemia with chromosome 16 involvement

6 / 16 / 2004 Flow cytometry-cytogenetics correlation conference- case of Chronic Lymphocytic Leukemia with atypical cytogenetics expression, case of biphenotypic acute leukemia

1 / 21 / 2004 Case of sepsis – Pasteurella pneumotropica

12 / 17 / 2003 Lecture – Dimorphic fungi

7 / 22 / 2003 Case presentation – Renal dysplasia

3 / 31 / 2003 Case presentation – Appendiceal adenocarcinoid tumor

1 / 14 / 2003 Autopsy case presentation – Tubercle Bacillus Meningitis

12 / 30 / 2002 Case presentation – Crohn's disease

AWARD

2007 **Outstanding Poster Award:** 60th annual AABB meeting
(website: <http://aabb2007.abstractsnet.com/cover.wcs?entryid=000251>)

TEACHING

Assistant lecturer, second year Pathology course, The Johns Hopkins University School of Medicine, 2006

First and second year Pathology courses, Albert Einstein College of Medicine
(2002-2005)

PROFESSIONAL SOCIETIES

AABB (former American Association of Blood Banks)

College of American Pathologist

American Society for Clinical Pathology

LANGUAGES

Japanese (native language)

English: fluent in reading, writing, speaking, and comprehension

- Studied eight years in high school and medical school
- Certificate of English as a Second Language from Loyola University Chicago;
received 12 / 1998
- Test of English as a Foreign Language (TOEFL), score 247 of 300;
completed 9 / 2000

German: comprehension of written German

- Studied two years in medical school

Chinese: comprehension of written Chinese