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CURRICULUM VITAE

Mariko Suchi MD, PhD

Associate Professor
Department of Pathology
Division of Administration

OFFICE ADDRESS:
Children's Hospital
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Milwaukee, WI 53226

EDUCATION:

04/1977 - 03/1983 M. D., Nagoya City University Medical School, Nagoya, Japan
04/1983 - 03/1987 Ph.D., Nagoya City University Medical School, Postgraduate School, Nagoya

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

04/1987 - 07/1988 Fellow, Pediatrics, Nagoya City University Hospital, Nagoya, Japan
08/1988 - 02/1991 Postdoctoral Fellow, Pediatrics, Mount Sinai School of Medicine, New York
01/1990 - 06/1990 Visiting Research Fellow, Molecular Biology, Sloan-Kettering Cancer Center, New York
02/1992 - 06/1993 Fellow, Pediatrics, Nagoya, City University Hospital, Nagoya, Japan
07/1996 - 06/2000 Resident, Anatomic and Clinical Pathology, University of Michigan Medical Center, Ann Arbor
07/2000 - 06/2002 Fellow, Pediatric Pathology, The Children's Hospital of Philadelphia, Philadelphia

MILITARY SERVICE:

None.

FACULTY APPOINTMENTS:

03/1991 - 02/1992 Assistant Professor, Pediatrics, Mount Sinai Medical Center, New York
07/1993 - 03/1994 Junior attending physician (Joshu), Virology, Nagoya City University Medical School, Nagoya, Japan
04/1994 - 06/1996 Junior Attending Physician (Joshu), Pediatrics, Nagoya City University Medical School, Nagoya, Japan
07/1996 - 03/1999 Visiting Assistant Professor, Pediatrics, Nagoya City University Medical School, Nagoya, Japan
07/2002 - 08/2005 Assistant Professor, Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine
09/2005 - 06/2011 Assistant Professor, Pathology, Medical College of Wisconsin
07/2011 - Present Associate Professor, Pathology, Medical College of Wisconsin

ADMINISTRATIVE APPOINTMENTS:

04/1995 - 06/1996 President, Organization of Junior Faculty, Nagoya City University Medical School, Nagoya, Japan
04/1995 - 06/1996 Treasurer, Department of Pediatrics, Nagoya City University Medical School, Nagoya, Japan

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

04/2006 - 04/2016 Organizer, Gastrointestinal and liver pathology lecture series, Department of Pathology, Division of Pediatric Pathology, Medical College of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI

12/2006 - Present Organizer, Gastrointestinal and liver pathology rotation for pediatric gastroenterology fellows, Department of Pathology, Division of Pediatric Pathology, Medical College of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI

09/2007 - 06/2012 Organizer, Pediatric Pathology Seminar Series, Department of Pathology, Division of Pediatric Pathology, Medical College of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI

09/2016 - Present Organizer and presenter, Gastrointestinal working conference, Department of Pathology, Division of Pediatric Pathology, Medical College of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

10/22/2007 - 03/14/2008 Member, Continual Service Readiness Patient Tracers

HOSPITAL STAFF PRIVILEGES:

07/1993 - 06/1996 Pediatrics, Nagoya City University Hospital, Nagoya, Japan

07/1993 - 06/1996 Pediatrics, Johoku Hospital, Nagoya, Japan

07/2002 - 08/2005 Pathology, The Children's Hospital of Philadelphia, Philadelphia, PA

09/2005 - Present Pathology, Children's Hospital of Wisconsin, Milwaukee, WI

03/2012 - Present Pathology, Froedtert Hospital, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

Board Certified	Issue Date	Expiration
Japan Pediatric Society, Pediatrics	06/26/1990	03/31/2020
American Board of Pathology, Anatomic and Clinical Pathology	09/11/2000	None
American Board of Pathology, Pediatric Pathology	11/08/2001	None
Japan Pathology Society, Pathology (No. 03352)	08/01/2018	None

Certificates	Issued By	Issue Date	Expiration
ECFMG (Education Commission for Foreign Medical Graduates)		1983	None

Licensure	Number	Issue Date	Expiration
Japan		05/30/1983	None
State of Michigan		08/02/1999	01/31/2021
Commonwealth of Pennsylvania		03/24/2000	12/31/2020
State of Wisconsin		02/16/2005	10/31/2019
State of Illinois		05/20/2005	07/31/2020

AWARDS AND HONORS:

03/1983 - Present Summa Cum Laudis, Nagoya City University Medical School

11/1987 - Present Japan IBM Research Award - Japanese Society of Inherited Metabolic Disease

09/1989 - Present Young Investigator Award for Clinical Research - Eastern Society for Pediatric Research

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

06/1983 - Present Japan Pediatric Society

08/1987 - Present The Molecular Biology Society of Japan

11/1987 - Present Japanese Society for Inherited Metabolic Disease

1987 - Present American Society of Human Genetics
03/2000 - Present The Japanese Society of Pathology
05/2000 - Present Japanese Society of Laboratory Medicine
2000 - Present American Society of Clinical Pathologists

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review
09/2002 - Present Reviewer/Pediatric and Developmental Pathology

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	PROJECT: CHW 08/59, GC 641 Microscopic Colitis in Children IRBNet #85989-1
Source:	IRB-CHW
Title:	PROJECT: PRO00018213 Molecular Genetic Study in Histidinemia
Source:	IRB-MCW

Prior

Peer Review

Title:	PROJECT: No. 2003-9-3498 PI, "Histidinemia: Categorizatoin of base changes identified in the histidase gene of histidinemic patients into mutations or polymorphisms"
Source:	IRB-Children's Hospital of Philadelphia
Title:	PROJECT: No. 2003-8-3423 PI, "Molecular analysis of histologically focal form of congenital hyperinsulinism: Are all due to loss of heterozygosity of 11p15?"
Source:	IRB-Children's Hospital of Philadelphia
Title:	PROJECT: No. 2001-9-4033 PI, "Normal histology of gastrointestinal tract: A study utilizing endoscopic biopsy material"
Source:	IRB-Children's Hospital of Philadelphia
Title:	PROJECT: Herpes Esophagitis in Children IRBNet #880253-2
Source:	IRB-CHW
Title:	PROJECT: CHW 08/46, GC 627 Embryonal rhabdomyosarcoma and loss of heterozygosity at 11p15" IRBNet #93369-1
Source:	IRB-CHW
Title:	Molecular genetic studies on histidinemia in the Japanese population

Source:	Ministry of Education, Science, and Culture, Japan
Role:	Principal investigator
Direct Funds:	$7,000
Title:	Molecular genetic studies on histidinemia in the Japanese population
Source:	Ministry of Education, Science, and Culture, Japan
Role:	Principal investigator, transferred to Yoko Kawai upon leaving Japan
Direct Funds:	$14,543
Title:	Transgenic mouse model for Barrett's esophagus
Source:	NIH
Role:	Co-investigator
Direct Funds:	$100,000
Title:	Islet dysregulation in infants with congenital hyperinsulinism
Source:	NIH
Role:	Co-investigator
Direct Funds:	$368,833

Non-Peer Review

Title:	Molecular genetic studies on hereditary orotic aciduria
Source:	Nitto Sicence Foundation, Japan
Role:	Research fellow
Direct Funds:	$2,353

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Mariko Suchi, "Hyperinsulinism, genetics of focal form" - Surgical Grand Rounds, The Children's Hospital of Philadelphia. Philadelphia, PA, 06/2004

Mariko Suchi, "Congenital Hyperinsulinism: Pathology and Genetics", Pathology Seminar, Medical College of Wisconsin, Milwaukee, WI, 12/2004

Speaker, "Management of Infants with Congenital Hyperinsulinism: The CHOP Hyperinsulinism Center Experience" - Pediatric Grand Rounds, The Children's Hospital of Philadelphia. Philadelphia, PA, 12/2004

National

Mariko Suchi, "KATP focal hyperinsulinism disease and pathology, " Hyperinsulinism Family Conference, Philadelphia, PA, 07/20/2003 - 07/21/2003

Mariko Suchi, "Pathologists' role in management of congenital hyperinsulinism: The Philadelphia experience", Symposium, Congenital hyperinsulinism and related disorders of insulin secretion - Clinical biochemical and genetic advances, Philadelphia, PA, 06/15/2006 - 06/16/2006

International

Mariko Suchi, "Retroviral-mediated transfer of the human acid sphingomyelinase cDNA into Niemann-Pick disease fibroblasts, " at 28th Chubu district meeting of Japan Pediatric Society, Gifu, Japan, 08/1992

Mariko Suchi, "Fundamental research toward gene therapy in inborn errors of metabolism, " Symposium on "Gene Therapy: Now and Future, " at 30th meeting of Japan Clinical Metabolism Society, Osaka, Japan, 04/1993

Mariko Suchi, "Hereditary orotic aciduria, " Workshop on "DNA diagnosis, " at 24th meeting of Japan

Medical Society, Nagoya, Japan, 04/1995

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

Regional

Suchi M, Schuchman EH, Lev-ran O, Quintern LE, Sandhoff K, and Desnick RJ.: Niemann-Pick A and B disease: Isolation of a full-length cDNA encoding human acid sphingomyelinase and evidence for alternative splicing. Presented at the annual meeting of the Eastern Society for Pediatric Research. (Winner of the best abstract presented by a fellow), New York, NY, 09/1989

Suchi M, Maki N, Mizuguchi H, Sugiyama N, and Wada Y.: Carnitine palmityltransferase deficiency: The second case described in Japan. Presented at the Chubu district meeting of Japan Pediatric Society. September 1984, Nagoya, Japan.

National

Nakajima T, Suchi M, Hayakawa H, Kawase J, Ogino T, Kamiya K, Watanabe I, Togari H, Ogawa Y, and Wada Y.: Effects of indomethacin therapy on serum electrolytes in premature infants with PDA. Presented at the 20th Study Group on Immature babies and neonates. Morioka, Japan, 10/1983

Matsumoto N, Sugiyama N, Suchi M, Eguchi H, Nakajima T, Kawase J, Kamiya K, Watanabe I, Togari H, Ogawa Y, and Wada Y.: Carnitine metabolism in newborn infants. Presented at the 20th Study Group on Immature babies and neonates. Morioka, Japan, 10/1983

Sugiyama N, Morishita H, Suchi M, Maki N, Mizuguchi K, Kato T, Sugiyama K, Kato T, Wada Y, and Nonaka I.: Carnitine palmityltransferase deficiency: Its heterogeneity. Presented at the 27th Study Group on Pediatric Metabolic Diseases. Sapporo, Japan, 10/1984

Mizuguchi K, Suchi M, Yamada K, Sugiyama K, Kato T, and Wada Y.: Effects of cornstarch therapy on two cases of glycogen storage disease I. Presented at 27th Study Group on Pediatric Metabolic Diseases. Sapporo, Japan, 10/1984

Suchi M, Kokubo M, Kato T, Morishita H, and Wada Y.: Pyrimidine metabolism in the first Japanese case of hereditary orotic aciduria. Presented at the 28th Japanese Society of Inherited Metabolic Disease meeting. Kumamoto, Japan, 11/1985

Suchi M, Kokubo M, Sumi S, Morishita H, and Wada Y.: The effect of early uridine supplement to a patient with hereditary orotic aciduria. Presented at the 22nd Japan Neonatology Society meeting. Tokyo, Japan, 07/1986

Yazaki M, Okajima K, Suchi M, Morishita H, Kobayashi M, and Wada Y.: Effects of uridine supplementation on DNA and protein synthesis in orotic aciduria cell lines. Presented at the 29th Japanese Society of Inherited Metabolic Disease meeting. Nagoya, Japa, 10/1986

Suchi M, Harada N, Wada Y, and Takagi Y.: Purification of human orotidine 5'-monophosphate decarboxylase and cloning of its cDNA. Presented at the 30th Japanese Society of Inborn Errors of Metabolism meeting. Matsuyama, Japan, 10/1987

Suchi M, Harada N, Wada Y, and Takagi Y.: Molecular cloning of human orotidine 5'-phosphate decarboxylase cDNA. Presented at the 10th annual meeting of the Molecular Biology Society of Japan. Kyoto, Japan, 11/1987

Schuchman EH, Quintern LE, Suchi M, Snir O, Sandhoff K, and Desnick RJ.: Isolation of a full-length cDNA encoding human acid sphingomyelinase: Evidence for alternative splicing. Presented at the American Pediatric Society Meeting., Washington, DC, 05/1989

Quintern LE, Schuchman EH, Gartner S, Ferlinz K, Lev-ran O, Suchi M, Reinke H, Zunk Th.S, Meyer H, Desnick RJ, and Sandhoff K.: cDNA cloning of human acid sphingomyelinase and acid ceramidase. Presented at the annual meeting of Gesellshaft Deutscher Chemiker. Bonn, FRG, 09/1989

Takahashi T, Takada G, Suchi M, Desnick RJ, and Schuchman EH.: Identification and expression of acid sphingomyelinase gene mutations of types A and B Niemann-Pick disease. Presented at the 35th Japanese Society of Inherited Metabolic Disease m, 11/1992

Suchi M, Dinur T, Desnick RJ, Gatt S, and Schuchman EH.: In situ sphingomyelinase activity assay using N-[10-(1-pyrene)-decanoyl] sphingomyelin - Its applications. Presented at the 35th Japanese Society of Inherited Metabolic Disease mee, 11/1992

Suchi M, Desnick RJ, and Schuchman EH.: Retrovirus- mediated transfer of the human acid sphingomyelinase cDNA into Niemann-Pick disease fibroblasts. Presented at the 15th annual meeting of the Molecular Biology Society o, Japan, 12/1992

Suchi M, Harada N, Wada Y, and Takagi Y.: Molecular cloning of a cDNA encoding human histidase.

Presented at the annual meeting of Japanese Society of Inherited Metabolic Disease. Sendai, Japan, 10/1993

Suchi M, Eksioglu YZ, Mizuno H, and Wada Y.: Molecular cloning and characterization of the human histidase gene. Presented at the 37th Japanese Society of Inherited Metabolic Disease meeting. Okayama, Japan, 11/1994

Takahashi T, Suchi M, Sato W, Hayasaka K, Sakuragawa N, Sukegawa K, and Takada G.: Molecular genetic analysis of type A Niemann-Pick disease. Presented at the 37th Japanese Society of Inherited Metabolic Disease meeting. Okayama, Japan, 11/1994

Sumi S, Suchi M, Morishita H, Tsuboi T, Ohba S, Kidouchi K, Toyama J, and Wada Y.: Pyrimidine analysis of a hereditary orotic aciduria patient - Uridine supplementation and pyrimidine metabolism. Presented at the 93rd Japan Pediatric Society meeting. Gifu, Japan, 03/1995

Imaeda M, Kidouchi K, Sumi S, Ohba S, Suchi M, Kobayashi M, Morishita H, and Wada Y.: A hereditary orotic aciduria family discovered by a urinary screening protocol for the pyrimidine metabolilm disorders. Presented at the 38th Japanese Society of Inherited Metabolic Dise, 10/1995

Toyama T, Kobayashi S, Iwase H, Yamashita T, Ito K, Yamashita K, Suchi M, Kato T, and Masaoka A.: Microsatellite instability and cancer-related gene abnormalities in sporadic human breast cancers. Presented at the 18th annual meeting of the Molecular Biology Society of Japan. Nago, 12/1995

Imaeda M, Sumi S, Suchi M, Kidouchi K, Ohba s, Imaeda H, Kobayashi M, and Wada Y.: A heterozygote family of hereditary orotic aciduria - case report. Presented at the 29th Japanese Association of Purine and Pyrimidine Metabolism meeting. Osaka, Japan, 02/1996

Sano H, Suchi M, Moriyama A, Tada T, Asai K, and Kato T.: Basic study on histidinemia - Regional distribution and organ-specific localization of rat histidase. Presented at the 19th annual meeting of the Molecular Biology Society of Japan. Sapp, 08/1996

Mizuno H, Suchi M, Kawai Y, and Wada Y.: Molecular genetic study of hereditary orotic aciduria - Cloning of the UMP synthase gene. Presented at the 39th Japanese Society of Inherited Metabolic Disease meeting. Tokyo, Japan, 11/1996

Kawai Y, Suchi M, Mizuno H, Tsuboi T, Okajima K, Sumi S, and Wada Y.: Molecular genetic study of hereditary orotic aciduria - Identification of three mutations in UMP synthase gene and their effect on enzyme activities. Presented at the 39th Japanese Socie, 11/1996

Kawai Y, Moriyama A, Morishita H, Miyachi T, Togari H, Sumi S, Asai K, and Suchi M.: Molecular genetic study on histidinemia: a 12-year-old girl with autistic trait. Presented at the 47th Japanese Society of Inherited Metabolic Disease meeting. Utsunomiya, Japan, 11/2004

Wintering N, Reddy S, Saffer J, Karp J, Freifelder R, Kachur A, Stanley C, Adzick NS, Suchi M, Hardy O, Litman R, Zhuang HM, and Alavi A.: 18F-labeled L-fluoro-DOPA PET scan localization of pancreatic lesions in infants with hyperinsulinism. Presented at the 52nd annual meeting of Society of Nuclear Medicine., Toronto, Ontario, 06/18/2005 - 06/22/2005

Hartemink, DA, Suchi M, Sulman C.: Case report: Lingual glial choristoma in a 9 month old. Presented at the annual meeting of Society for Ear Nose and Throat Advances in Children., Milwaukee, WI, 11/29/2007 - 12/02/2007

Larson-Nath C, Martinez A, Suchi, M, Cabrera J.: Langerhans cell histiocytosis (LCH) presenting with vomiting and duodenal narrowing. Presented at the annual meeting of North American Society for Pediatric Gastroenterology, Hepatology and Nutrition., Chicago, IL, 10/10/2013 - 10/13/2013

Lake JA, Ehrhardt MJ, Suchi M, Chun RH, Willoughby RE.: Non-toxigenic Corynebacteium diphtheria as an emergning pathologen: case report of necrotizing epiglottitis and tonsillitis in a child with undiagnosed acute lymphoblastic leukemia. Presented at the annual meeting of the American Society of Pediatric Heamtology/Oncology., Chicago, IL, 05/14/2014 - 05/17/2014

Berman MA, Encalada S, Ruiz JP, Suchi M, Sulman CG.: Metastatic adrenocortical carcinoma presenting as persistent couch. Presented at the annual meeting of Society for Ear, Nose and Throat advances in Children, St. Louis, Missouri, 12/04/2014 - 12/07/2014

Schelling L, Suchi M, Jarzembowski JA, Gheorghe G.: Case presentation SH2015 - 0477- common variable immunodeficiency. Presented at Society for Hematopathology and European Association for Haematopathology Workshop 2015, Long Beach, CA, 10/29/2015 - 10/31/2015

Lam JC, Suchi M, Groth TW.:, Pediatric xanthogranulomatous pyelonephritis: A case Report. Presented at the Wisconsin Urological Society Annual Meeting, Madison, WI, 04/16/2016

Fritz J, Lerner D, Suchi M.: 1 34-year review of herpes simplex virus esophagitis in children. Does herpes lead to eosinophilic esophagitis or vice versa? Presented at the annual meeting of North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition., 09/2016

Rosenwald K, Suchi M, Sood M, Kovacic K.: Lymphocytic autoimmune enteric leiomyositis: a rare acquired cause of chronic intestinal pseudo-obstruction. Presented at the annual meeting of North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition., 09/2016

Chao, K, Becktell K, Suchi M, Phelan R.: Monotherapy treatment with cytarabine for ALK-positive histiocytosis in an infant. Presented at the 2018 ASPHO (The American society of Pediatric Hematology/Oncology) conference, Pittsburgh, PA, 05/02/2018 - 05/05/2018

Chisholm SA, Suchi M, and Griepentrog G.: Orbital aneurysmal bone cyst in an infant: a case report and review of the literature. Presented at the American Society of Opthalmic Plastic and Reconstructive Surgery Spring Conference, Austin TX, 05/31/2018 - 06/03/2018

Belongia M, Bhatt N, Houser K, Jarzembowski J, Suchi M, Kelly T, Maheshwari M, Knipstein J.: Diffuse midline glioma with osseous metastases at diagnosis: A case report. Presented at International Society of Pediatric Neuro Oncology (ISPNO), Denver, CO, 06/29/2018 - 07/03/2018

Tsuboi T, Suchi M, Oda T, and Wada Y.: Molecular analysis of the UMP synthase cDNA in a patient and her family of hereditary orotic aciduria (Type I). Presented at the annual meeting of the Japan Society of Human Genetics. Ts, Japan, 10/1992. Jpn. J. Human Genet. 38: 42, 1993.

International

Yazaki M, Okajima K, Asai K, Suchi M, Morishita H, Kobayashi M, and Wada Y.: Increase of protein synthesis by uridine supplement in lectin stimulated peripheral blood lymphocytes and EB virus transformed B cell line of hereditary orotic aciduria type I. Presented, 05/1987

Okajima K, Yamamoto T, Suchi M, and Wada Y.: A screening method for dihydropyrimidine dehydrogenase deficiency with colorimetric detection of urinary uracil. Presented at the meeting of International Symposium of Purine and Pyrimid, Japan, 07/1988

Suchi M, Harada N, Tsuboi T, Wada Y, and Takagi Y.: Molecular cloning of human UMP synthase. Presented at the meeting of International Symposium of Purine and Pyrimidine Metabolism in Man. Hakone, Japan, 07/1988

Suchi M, Schuchman EH, and Desnick RJ.: Niemann-Pick Disease: Molecular genetics of acid sphingomyelinase. Presented at Fifth International Congress of Inborn Errors of Metabolism. June 1990, Asilomar, CA, 06/1990

Suchi M, Harada N, Ogawa H, Kawai Y, Sano H, Mizuno H, Morishita H, Ishikawa M, Saito H, Takagi Y, and Wada Y.: Molecular genetic studies on histidinemia: Isolation and expression of a full-length human histidase cDNA, characterization of the genomic structure, and mutation search among histidinemic patients. Presented at the third meeting of the International Society for Neonatal Screening. Boston, MA, 10/1996

Hardy O, Wanner L, O'Rourke S, Suchi M, Adzich NS, Alavi A, Stanley CA.: Focal lesions of congenital hyperinsulinism localized using [18F]-fluorodopa PET scan. Presented at European SPE/Lawson Wilkins Pediatric Endocrine Society (LWPES) 7th joint meeting. Pe, 09/21/2005 - 09/24/2005

Hinske M, Suchi M, Szabo S, and Gheorghe G.: Alk positive histiocytosis. Presented at Workshop on Accessory cell and histiocytic neoplasms at European Association for Hematopathology meeting. Basel, Switzerland, 09/07/2016

Kapavarupu PK, Sood MR, Simpson P, Suchi M, and Sengupta JN.: Visceral hyperalgesia in a post-inflammatory visceral pain rat model: role of curcumin. Presented at the 2018 meeting of Federation of Neurogastroenetrology and Motility, Amsterdam, the Netherlands, 8/29 - 9/1, 2018

Suchi M, Pereira LV, Desnick RJ, Gilboa E, and Schuchman EH.: Metabolic correction of Niemann-Pick disease (NPD) fibroblasts by retroviral-mediated gene transfer. Presented at 8th International Congress of Human Genetics. Washington D.C., 10/1991. Am. J. Hum. Gen. 49 (Suppl): 438, 1991.

Rosenwald K, Suchi M, Sood M, and Kovacic K.: Lymphocytic autoimmune enteric leiomyositis: a rare acquired cause of chronic intestinal pseudo-obstruction. Presented at World Congress of Pediatric Gastroenterology, Hepatology and Nutrition. Montreal, Quebec, Canada, 10/5 - 8, 2016

Fritz J, Lerner D, and Suchi M.: A 34-year review of herpes simplex virus esophagitis in children: Does herpes lead to eosinophilic esophagitis or vice versa? Presented at World Congress of Pediatric Gastroenterology, Hepatology and Nutrition. Montreal, Quebec, Canada, 10/5 - 8, 2016

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

09/2005 - 06/2006 Sophomore Pathology Course, Case Based Learning and Laboratory Sessions

09/2006 - 06/2007 Sophomore Pathology Course, Gross Laboratory Sessions
09/2007 - 07/2008 Sophomore Pathology Course, Gross Laboratory Sessions
Clinical Fellows (pediatric gastroenterology)

Resident and Fellow Education

09/2005 - Present daily surgical pathology
04/2006 - 04/2016 Gastrointestinal and liver pathology lecture series for the division of gastroenterology and nutrition, Department of Pediatrics
12/2006 - Present Pathology rotation for pediatric gastroenterology fellows. One week per year.
09/2016 - Present Gastrointestinal pathology working conference for the division of gastroenterology and nutrition, Department of Pediatrics

EXTRAMURAL TEACHING:

Medical Student Education

1987 - Present Lecturer, Pediatric Nursing, Nagoya City Nursing School
05/1994 - 06/1996 Lecturer, Pediatric Nursing, Nagoya City University College of Nursing
09/1996 - 12/1996 Tutorial assistant, Pathology, University of Michigan Dental School
09/1997 - 05/2000 Tutorial assistant, Pathology, University of Michigan Medical School
01/2004 - 03/2005 Pathology Laboratory, Mechanism of Disease and Therapeutic Intervention, University of Pennsylvania School of Medicine.

Resident and Fellow Education

Tatsuya Toyama, M.D. Microsatellite instability in sporadic human breast cancers
Yuji Okada, M.D. Noncardiogenic pulmonary edema as the chief manifestation of a pheochromocytoma: a case report of MEN2A with pedigree analysis of the RET proto-oncogene.

Graduate Student Education

Yoko Kawai, R.N. Molecular characterization of histidinemia: identification of four missense mutations in the histidase gene
Haruo Mizuno, M.D. Thesis title: Regulation of lipocortin 1 expression and its biological function in the central nervous system
Hirofumi Sano, M.D. Thesis title: Tissue distribution of histidase in rat

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Morishita H, Kokubo M, Sumi S, Suchi M, and Wada Y.: The first case of herediatry orotic aciduria in Japan. J. Japan Pediatr. Soc. 90: 2775-2778, 1986.
2. Ishikawa T, Horie M, Furuyama M, Ohuchi M, Awaya A, Sobajima H, Suchi M, Yamaguchi A, Okajima K, and Wanibe M.: Bioavailability of a film-coated tablet of valproate in nonfasting volunteers. Jpn. J. Psychiatry Neurol. 41: 693-698, 1987.
3. Yazaki M, Okajima K, Suchi M, Morishita H, and Wada Y.: Increase of protein synthesis by uridine supplement in lectin-stimulated peripheral blood lymphocytes and EB virus transformed B cell line of hereditary orotic aciduria. Tohoku J. Exp. Med. 153: 189-195, 1987.
4. Suchi M, Maki N, Mizuguchi H, Kato T, Sugiyama N, Wada Y, and Nonaka I.: Carnitine palmityltransferase deficiency: Clinical availability of long-chain and medium-chain triglycerides loading test. J. Japan Pediatr. Soc. 91: 3416-3423, 1987.
5. Suchi M.: Molecular genetic studies on hereditary orotic aciduria I. Purification of human orotidine 5'-monophosphate decarboxylase and cloning of its cDNA. Nagoya Med. J. 32: 207-220, 1988.
6. Quintern LE, Schuchman EH, Levran O, Suchi M, Ferlinz K, Reinke H, Sandhoff K, and Desnick RJ. Isolation of cDNA clones encoding human acid sphingomyelinase: Occurrence of alternatively processed transcripts. EMBO J. 8: 2469-2473, 1989.
7. Schuchman EH, Levran O, Suchi M, and Desnick RJ.: An MspI polymorphism in the human acid sphingomyelinase gene (SMPD1). Nucleic Acid Res. 19: 3160, 1991.
8. Schuchman EH, Suchi M, Takahashi T, Sandhoff K, and Desnick RJ.: Human acid sphingomyelinase -

Isolation, nucleic acid sequence, and expression of the full-length and alternatively spliced cDNAs. J. Biol. Chem. 266: 8531-8539, 1991.
9. Takahashi T, Suchi M, Desnick RJ, Takada G, and Schuchman EH.: Identification and expression of five mutations in the human acid sphingomyelinase gene causing types A and B Niemann-Pick disease. J. Biol. Chem. 267: 12552-12558, 1992.
10. Suchi M, Dinur T, Desnick RJ, Gatt S, Pereira L, Gilboa E, and Schuchman EH.: Retroviral- mediated transfer of the human acid sphingomyelinase cDNA: Correction of the metabolic defect in cultured Niemann-Pick disease cells. Proc. Natl. Acad. Sci. USA 89: 3227-3231, 1992.
11. Dinur T, Schuchman EH, Fibach E, Dagan A, Suchi M, Desnick RJ, and Gatt S.: Toward gene therapy for Niemann-Pick disease (NPD): Separation of retrovirally corrected and noncorrected NPD fibroblast using a novel fluorescent sphingomyelin. Human Gene Ther. 3: 633-639, 1992.
12. Suchi M, Harada N, Wada Y, and Takagi Y.: Molecular cloning of a cDNA encoding human histidase. Biochim. Biophys. Acta 1216: 293-295, 1993.
13. Suchi M, Sano H, Mizuno H, and Wada Y.: Molecular cloning and structural characterization of the human histidase gene (HAL). Genomics 29: 98-104, 1995.
14. Takahashi T, Suchi M, Sato W, Ten SB, Sakuragawa N, Desnick RJ, Schuchman EH, and Takada G.: Identification and expression of a misssense mutation (Y446C) in the acid sphingomyelinase gene from a Japanese patient with type A Niemann-Pick disease.: Tohoku J. Exp. Med. 177: 117-123, 1995.
15. Toyama T, Iwase H, Yamashita H, Iwata H, Yamashita T, Ito D, Hara Y, Suchi M, Kato T, Nakamura T, and Kobayashi S.: Microsatellite instability in sporadic human breast cancers. Int. J. Cancer 68: 447-451, 1996.
16. Toyama T, Iwase H, Iwata H, Hara Y, Omoto Y, Suchi M, Kato T, Nakamura T, and Kobayashi S.: Microsatellite instability in in situ and invasive sporadic breast cancers or Japanese women. Cancer Let. 108: 205-209, 1996.
17. Sumi S, Suchi M, Kidouchi K, Morishita H, Ohba S, and Wada Y.: Pyrimidine metabolism in hereditary orotic aciduria. J. Inher. Metab. Dis. 20: 104-105, 1997.
18. Suchi M, Mizuno H, Kawai Y, Tsuboi T, Sumi S, Okajima K, Hodgson ME, Ogawa H, and Wada Y.: Molecular characterization of UMP synthase gene and point mutations in hereditary orotic aciduria patients. Am. J. Hum. Gen. 60: 525-539, 1997.
19. Sano H, Tada T, Moriyama A, Ogawa H, Asai K, Kawai Y, Hodgson M E, Kato T, Wada Y, and Suchi M.: Isolation of a rat histidase cDNA sequence and expression in Escherichia coli. Evidence of extrahepatic/epidermal distribution. Eur. J. Biochem. 250: 212-221, 1997.
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