

Curriculum Vitae

Professor Suradej Hongeng, M.D.

Nationality : Thai Gender : Male

Tel (662) 02-222-222

Address: Samitivej Srinakarin Hospital, Bangkok



Board Certifications

- Diplomate of Thai Board of Pediatrics
- Diplomate of American Board of Pediatrics
- Diplomate of American Board of Pediatric Hematology/Oncology
- Certification in Pediatric Neuro-oncology

Educations

- 2011 Fellowships: Academic Appointment: Professor Ramathibodi Hospital Mahidol University
- 1996 Diploma of The American Board of Pediatric Hematology and Oncology
- 1993 Diploma of The American Board of Pediatrics
- Fellowships: Hematology, Oncology, St.Jude Children Research Hospital, USA, 1993-1996
- 1991 Diploma of The Thai Board of Pediatrics, 1991
- 1987 M.D., Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Thailand, 1987 Faculty of
Medicine, Ramathibodi Hospital, Mahidol University, Thailand

Professional Appointments

1987-1990	Pediatric Resident, Khonkaen General Hospital, Khonkaen, Thailand
1990-1991	Hematology/Oncology Fellow, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
1991-1993	Pediatric Resident, University of Illinois at Chicago, Chicago, IL
1993-1996	Hematology/Oncology Fellow, St. Jude Children's Research Hospital, Memphis, TN
1996-1997	Neuro-oncology Fellow, St. Jude Children's Research Hospital, Memphis, TN
1997- 2001	Instructor, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
2001- 2004	Assistant Professor, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
2004- present	Associate Professor, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
2002-present	Assistant Dean of Research Affairs, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

Professional Societies

- The Royal College of Pediatrician of Thailand
- The Thai Society of Hematology
- The American Society of Hematology
- The American Society for Blood and Marrow Transplantatio

Fellowships

- Fellowships: Academic Appointment: Professor Ramathibodi Hospital Mahidol University, 2011
- Fellowships: Hematology, Oncology, St.Jude Children Research Hospital, USA, 1993-1996

Specialty

- Pediatrics

Sub-specialty

- Pediatric Hematology-Oncology
- Pediatric Stem Cell Transplantation

What diseases can be diagnosed and treated?

- Acute Lymphoblastic Leukemia (ALL)
- Acute Myelogenous Leukemia (AML)
- Chondrosarcoma
- Chronic Myelogenous Leukemia (CML)
- Differentiated Thyroid Cancer
- Ewing Sarcoma
- Hepatoblastoma (most common liver cancer in children)
- Hodgkin Lymphoma
- Juvenile Myelomonocytic Leukemia (JMML)
- Medullary Thyroid Cancer
- Neuroblastoma
- Non-Hodgkin Lymphoma in Children
- Osteosarcoma (Bone Cancer in Children)
- Pediatric Brain Tumors
- Pediatric Leukemias
- Relapsed or Refractory Neuroblastoma
- Retinoblastoma (Eye Cancer in Children)
- Rhabdomyosarcoma
- Skin Cancer in Children
- Soft Tissue Sarcomas
- Wilms' Tumor (Kidney Tumor)
- Germ Cell Tumor

Doctor Schedule

LOCATION Pediatric Hematology and Oncology Center, Samitivej Srinakarin Hospital

- Friday Time : 12:00 - 14:00
- Saturday Time : 08:30 - 12:00

Research

- Pediatric oncology and Neurooncology
- Stem cell transplantation
- Pharmacogenomic
- Adoptive immunotherapy in cancers and viral infections in post transplant
- Mesenchymal stem cell, amniotic fluid stem cell and cellular therapy,
- Cord blood stem cell expansio

Publications

First author and/or Corresponding author

- 1) Hongeng S, May W, Crist W. Transient myeloid dysplasia due to valproic acid. Clin Pediatr 1997; 36: 361-364
- 2) Hongeng S, Wilimas J, Day S, Harris S, Wang W. Recurrent streptococcus pneumoniae sepsis in children with sickle cell disease. J Pediatr 1997;130: 814-816.
- 3) Hongeng S, Krance R, Bowman L, Srivastava D, Cunningham J, Horwitz E, Brenner M, Heslop H. Outcomes of transplantation with matched-sibling and unrelated-donor in children with leukemia. Lancet 1997; 350: 767-771
- 4) Hongeng S, Brent T, Sanford R, Li H, Kun L, Heideman R. O6-methylguanine - DNA methyltransferase protein level in pediatric brain tumors. Clin Cancer Res 1997; 3 : 2459-2463
- 5) Hongeng S, Pakakasama S, Chuansumrit A, Rerkamnuaychoke B, Nitiyanunt P, Suthatvoravut U, Ungkanont A, Hathirat P. Allogeneic bone marrow transplantation in an osteopetrosis patient: first report in Thailand. Asian Pac J Allergy Immunol 1998; 16: 193-198
- 6) Hongeng S, Pakakasama S, Hathirat P, Chaisiripoomkere W, Ungkanont A. Allogeneic peripheral

blood stem cell transplantation in a Wiskott Aldrich syndrome patient. Bone Marrow Transplant

1999; 24: 445-446

7) Panthangkool W, Singhapakdi S, Teeraratkul S, Molagool S, Pakakasama S, Hathirat P, Hongeng S.

Subcutaneous portacath utilization in pediatric oncology patients: Ramathibodi Hospital experience.

J Med Assoc Thai 1999; 82 (suppl 1): S77-81

8) Hongeng S, Pakakasama S, Hathirat P, Ajjimakorn S, Jaovisidha A, Tardtong P, Joortar S.

Mismatched related cord blood stem cell transplantation in a severe thalassemia patient. Bone

Marrow Transplant 2000; 25:1322-1323

9) Hongeng S, Sasanakul W, Pakakasama S, Chuansumrit A, Chattananont A, Hathirat P.

Frequency of thiopurine-s-methyltransferase genetic variation in Thai children with acute leukemia.

Med Pediatr Oncol 2000; 35: 410-414

10) Hongeng S, Pakakasama P, Hathirat P, Puapradit P, Worapongpaipaiboon S. Diffuse hepatic

fibrosis with transient myeloproliferative disorder in Down syndrome. J Pediatr Hematol Oncol

2000; 22: 543-544

11) Sasanakul W, Hongeng S, Chuansumrit A, Chaiyaratana W, Pakakasama S, Hathirat P. The

usefulness of X-linked polymorphic loci as gene markers to track X allele and chimerism in a post

allogeneic peripheral blood stem cell transplantation patient with Wiskott-Aldrich syndrome.

J Med Assoc Thai 2001; 84: 379-384

12) Hongeng S, Petvises S, Rerkamnuaychoke B, Worapongpaiboon S, Tardtong P, Ungkanont A.

Host origin of marrow mesenchymal stem cell following allogeneic cord blood stem cell

transplantation. Int J Haematol 2001; 74: 235-236

13) Hongeng S, Beanjaponpitak S, Tardtong P, Varavithya W, Chuansumrit A, Chunharas A,

- Chaisiripoomkere W, Hathirat P. Successful Allogeneic peripheral blood stem cell transplantation in Wiskott-Aldrich syndrome patients. Asian Pac J Allergy Immunol 2001; 19: 191-195
- 14) Hongeng S, Tardtong P, Worapongpaiboon S, Ungkanont A, Jootar S. Successful treatment of refractory autoimmune haemolytic anaemia in a post-unrelated bone marrow transplant paediatric patient with rituximab. Bone Marrow Transplant 2002; 29: 871-872
- 15) Hongeng S, Chuansumrit A, Hathirat P, Rerkamnuaychoke B, Chaisiripoomkere W, Jootar S. Full chimerism in nonmyeloablative stem cell transplantation in a β -thalassemia major patient (Class 3 Lucarelli) Bone Marrow Transplant 2002; 30: 409-410
- 16) Hongeng S, Visudtibhan A, Dhanachai M, Laothamatus J, Chiamchanya S. Treatment of leptomeningeal relapse of medulloblastoma with temozolomide. J Pediatr Hematol Oncol 2002; 24: 591-593
- 17) Hongeng S, Petvises S, Worapongpaiboon S, Rerkamnuaychoke B, Chuansumrit A, Jootar S. Generation of adoptive CD3+CD56+ cytokine induced killer cells and their in vitro cytotoxicity against pediatric cancer cells Int J Hematol 2003; 77: 175- 179
- 18) Hongeng S, Pakakasama S, Chaisiripoomkere W, Chuansumrit A, Sirachainan N, Ungkanont A, Jootar S. Outcome of transplantation with unrelated donor bone marrow in children with severe thalassaemia. Bone Marrow Transplant 2004; 33: 377-379
- 19) Pakakasama S, Hongeng S, Chaisiripoomkere W, Chuansumrit A, Sirachainun N, Jootar S. Allogeneic peripheral blood stem cell transplantation in children with homozygous beta - thalassemia and severe beta-thalassemia/hemoglobin E disease J Pediatr Hematol Oncol 2004; 26: 248-252
- 20) Hongeng S, Pakakasama S, Chaisiripoomkere W, Ungkanont A, Jootar S. Nonmyeloablative

stem cell transplantation with a haploidentical donor in a class 3 lucarelli severe thalassemia

patient. Bone Marrow Transplant 2004; 34: 271-272

21) Hongeng S, Parapakpenjun S, Pakakasama S, Rerkamnuaychoke B, Pornkul R. Secondary burkitt lymphoma in a retinoblastoma patient with 13q deletion syndrome. Pediatr Blood Cancer 2006; 46:524-526

22) Vichchatorn P, Wongkajornsilp A, Petvises S, Tungpradabkul S, Pakakasama S, Hongeng S. Dendritic cells pulsed with total tumor RNA for activation NK-like T cells against glioblastoma multiforme. J Neurooncol 2005; 75: 111-118

1) Gruhn B, Hongeng S, Yi H, Hancock M, Rubnitz J, Neale G, Kitchingman G. Minimal residual disease after intensive induction therapy in childhood acute lymphoblastic leukemia predicts outcome. Leukemia 1998; 12: 675-681

2) Wangruangsathit S, Hathirat P, Chuansumrit A, Pakakasama S, Hongeng S. The correlation of transferrin saturation and ferritin in non-splenectomized thalassemia children. J Med Assoc Thai 1999; 82 (suppl 1): S74-76

3) Chuansumrit A, Chantarojanasiri T, Isarangkura P, Teeraratkul S, Hongeng S, Hathirat P. Recombinant activated factor VII in children with acute bleeding resulting from liver failure and disseminated intravascular coagulation. Blood Coagul Fibrinolysis 2000; 11 (suppl 1) : S 101-105

23) Hongeng S, Pakakasama P, Benjaponpitak S, Kamchaisatian W, Chaisiripoomkere W, Direkwatanachai C. Donor lymphocyte infusion can eliminate mixed chimerism in nonmyeloablative stem cell transplantation for correction of hyper-IgM syndrome. Acta Haematol 2005; 114: 174-176

24) Hongeng S, Pakakasama S, Chuansumrit A, Sirachianan N, Kitpoka P, Ungkanont A, Jootar S.

Outcomes of transplantation with related and unrelated donor stem cells in children with severe

thalassaemia. Biol Blood Marrow Transplant 2006; 12: 683-687

25) Sirachainan N, Visudtibhan A, Tuntiyatorn L, Pakakasama S, Chuansumrit A, Hongeng S.

Favorable response of intraosseous topotecan for leptomeningeal metastasis of neuroblastoma

after intravenous route failure In press Pediatr Blood Cancer

26) Jootar S, Pornprasertsud N, Petvises S, Rerkamnuaychoke B, Disthabanchong S, Pakakasama S,

Ungkanont A, Hongeng S. Bone marrow derived mesenchymal stem cells from chronic myeloid

leukemia (9;22) patients are devoid of Philadelphia chromosome and support cord blood stem

cell expansion Leuk Res 2006; 30: 1493- 1498

27) Petvises S, Wongkajornsilp A, Pakakasama S, Sirireung S, Panthangkool W, Hongeng S. Ex vivo

generation of cytokine induced killer cells (CD3+ CD56+) from post stem cell transplant pediatric

patients against autologous Epstein-Barr virus- transformed lymphoblastoid cell lines. In press

Pediatr Transplant

28) Hongeng S, Pakakasama S, Chuansumrit A, Sirachainan N, Sura T, Ungkanont A,

Chuncharunee S, Jootar S, Issaragrisil S. Reduced intensity stem cell transplantation for

treatment of class 3 Lucarelli severe thalassemia patients. In press Am J Hematol

Contributing author

1) Gruhn B, Hongeng S, Yi H, Hancock M, Rubnitz J, Neale G, Kitchingman G. Minimal residual

disease after intensive induction therapy in childhood acute lymphoblastic leukemia predicts

outcome. Leukemia 1998; 12: 675-681

2) Wangruangsathit S, Hathirat P, Chuansumrit A, Pakakasama S, Hongeng S. The correlation

of transferrin saturation and ferritin in non-splenectomized thalassemia children. J Med Assoc

Thai 1999; 82 (suppl 1): S74-76

3) Chuansumrit A, Chantarojanasiri T, Isarangkura P, Teeraratkul S, Hongeng S, Hathirat P.

Recombinant activated factor VII in children with acute bleeding resulting from liver failure and disseminated intravascular coagulation. Blood Coagul Fibrinolysis 2000; 11 (suppl 1) : S 101-105

4) Isariyavuth V, Suthutvoravut U, Chatvuttinun S, Chantraruksa V, Kasemsup R, Krasaesub S, Hongeng S. Nutritional support in pediatric patients undergoing bone marrow transplantation J Med Assoc Thai 2002; 85 Suppl 4: S1191-1198

5) Chunharas A, Nuntnarumit P, Hongeng S, Chaunsumrit A. Neonatal lupus erythematosus: clinical manifestations and management J Med Assoc Thai. 2002; 85 Suppl 4:S1302-1308

6) Chunharas A, Pabunruang W, Hongeng S. Congenital self-healing Langerhans cell histiocytosis with pulmonary involvement: spontaneous regression. J Med Assoc Thai. 2002; 85 Suppl 4:S1309-1313

7) Sirachainan N., Chuansumrit A., Hanutsaha P., Pakakasaka S., Hongeng S. Preserving eye function in prematurely born children with severe protein C deficiency Thrombosis Haemostasis 2003; 1: 1858-1859

8) Mahachoklertwattana P, Vilaiyuk S, Hongeng S, Okascharoen C. Suppression of adrenal function in children with acute lymphoblastic leukemia following induction therapy with corticosteroid and other cytotoxic agents. J Pediatr 2004; 144: 736-740

9) Pakakasama S, Wanitkun S, Hongeng S. Pericarditis occurring with engraftment syndrome in a thalassemic patient. Bone Marrow Transplant 2004; 34: 819-820

10) Wongkajornsilp A, Sangsuriyong S, Hongeng S, Waikakul S, Asavamongkolkul A, Huabprasert S.

Effective osteosarcoma cytotoxicity using cytokine-induced killer cells pre-inoculated with tumor

RNA-pulsed dendritic cells. J Ortho Res 2005; 23: 1460- 1466

11) Pakakasama S, Mukda E, Sasanakul W, Kadegasem P, Udomsubpayakul U, Thithapandha A ,

Hongeng S. Polymorphisms of drug-metabolizing enzymes and risk of childhood acute

lymphoblastic leukemia. Am J Hematol 2005; 79:202-205

12) McGregor LM, Rao BN, Davidoff AM, Billups CA, Hongeng S, Victor SM, Hill DA, Fuller C, Furman

WL. The impact of early resection of primary neuroblastoma on the survival of children older

than 1 year of age with stage 4 disease Cancer 2005; 104: 2837-2846

13) Pakakasama S, Sirirat T, Kanchanachumpol S, Udomsubpayakul U, Mahasirimongkol S, Kitpoka P,

Thithapandha A, Hongeng S Genetic polymorphisms and haplotypes of DNA repair genes in

childhood acute lymphoblastic leukemia. Pediatr Blood Cancer 2007; 48: 16-20

14) Limsuwan A, Pakakasama S, Rochanawutanon M, Hongeng S. Pulmonary Arterial Hypertension

after Childhood Cancer Therapy and Bone Marrow Transplantation. Cardiology 2006;105:188-194

15) Vichchatorn P, Jenwithisuk R, Leelaudomlapi S, Tungpradubkul S, Hongeng S, Cui L,

Sattabongkot J, Udomsangpetch R. Induction of specific immune responses against the

Plasmodium vivax liver-stage via in vitro activation by dendritic cells. Parasitol Int.

2006; 55: 187-193

16) Disthabanchong S, Radinahamed P, Stitchantrakul W, Hongeng S, Rajatanavin R. Chronic

metabolic acidosis alters osteoblast differentiation from human mesenchymal stem cells.

Kidney Int. 2007; 71: 201-209.

17) Chuansumrit A, Huspadol S, Wongwerawattanakorn P, Hongeng S, Sirachainan N,

Pakakasama S. Rituximab as an adjuvant therapy to immune tolerance in a hemophilia A boy

with high inhibitor titre. Haemophilia. 2007; 13: 108-110.

18) Razzouk BI, Rose SR, Hongeng S, Wallace D, Smeltzer MP, Zacher M, Pui CH, Hudson MM

Obesity In Survivors Of Childhood Acute Lymphoblastic Leukemia And Lymphoma: A Single

Institution's Experience J Clin Oncol. 2007; 25: 1183-1189

19) Leelawat K, Leelawat S, Narong S, Hongeng S. Roles of the MEK1/2 and AKT pathways in

CXCL12/CXCR4 induced cholangiocarcinoma cell invasion. World J Gastroenterol 2007;13:

1561-1568

20) Pakakasama S, Kanchanakamhaeng K, Kajanachumpol S, Udomsubpayakul U, Sirachainan N,

Thithapandha A, Hongeng S. Genetic polymorphism of folate metabolic enzymes and toxicities

of methotrexate in children with acute lymphoblastic leukemia. Ann Hematol 2007; 86: 609-61

AWARDS AND COMMENDATIONS

- Outstanding pediatric resident award, University of Illinois at Chicago, 1991
- Travel award for simultaneous session presentation at The American Society of
- Hematology Meeting, Orlando. December, 1996
- Young investigator award at Ramathibodi Hospital, 1998

GRANTS

Principal investigator :

- Ramathibodi Hospital Faculty Grant: Frequency of thiopurine s-methyltransferase (TPMT) genetic mutation polymorphism in Thai children with acute leukemia Ramathibodi Hospital Faculty Grant: Novel gene/genes expression in meningioma progression by representational differential analysis cDNA (RDA cDNA) Mahidol University Research Grant: Adoptive cellular therapy
 - Thailand Research Fund: Adoptive cellular therapy
 - National Center for Genetic Engineering and Biotechnology (BIOTEC): Adoptive cellular therapy
- Co-investigator:

- National Institute of Health (U.S.A.) Grant: Minimal residual disease in childhood acute lymphoblastic leukemia