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Education	Major	Degree	Years
Thai Medical Council, Thailand	Family Medicine	Certificate	2002
Case Western Reserve University, Cleveland, Ohio 44106, US	Pharmacology	Ph.D.	1990-1996
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Research Interest

Cancer immunotherapy, dendritic cell biology, asthma, stem cell differentiation

Keywords

Cytokine-induced killer cells, dendritic cell, immunotherapy, cholangiocarcinoma, osteosarcoma, asthma, stem cells

International Publications

1) Wongkajornsilp A, Rosenberry T. Uptake of exogenous sn-1-acyl-2-lyso-phosphatidylinositol into HeLa S3 cells. Reacylation on the cell surface and metabolism to glucosaminyl(acyl)phosphatidylinositol. J Biol Chem 1995; 270: 9147-9153.
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glucosaminyl(acyl)phosphatidylinositol in a metabolically inert compartment. Biochem J 2001; 359(Pt 2): 305-13.
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9) Panichakul T, Intachote P, Wongkajornsilp A, Sripa B, Sirisinha S. Triptolide sensitizes resistant cholangiocarcinoma cells to TRAIL-induced apoptosis. Anticancer Res 2006; 26(1A): 259-65.
10) Petvises S, Pakakasama S, Wongkajornsilp A, 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. Pediatric transplantation. 2007 Aug;11(5):511-7.
11) Maneechotesuwan K, Supawita S, Kasetsinsombat K, Wongkajornsilp A, Barnes PJ. Sputum indoleamine-2, 3-dioxygenase activity is increased in asthmatic airways by using inhaled corticosteroids. J Allergy Clin Immunol 2008;121(1):43-50.
12) Maneechotesuwan K, Wamanuttajinda V, Kasetsinsombat K, Huabprasert S, Yaikwawong M, Barnes PJ, Wongkajornsilp A. Der p 1 suppresses indoleamine 2, 3-dioxygenase in dendritic cells from house dust mite-sensitive patients with asthma. J Allergy Clin Immunol 2009 Jan;123(1):239-48.
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24) Phimolsarnti R, Charoenlap C, Ariyaboonsiri B, Wongkajornsilp A, Waikakul S. In vitro effects of thermoablation on apoptosis of giant cell tumor of bone: a preliminary report. J Med Assoc Thai. 2012;95 Suppl 9:S138-45.
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26) Maneechotesuwan K, Kasetsinsombat K, Wamanuttajinda V, Wongkajornsilp A, Barnes PJ. Statins enhance the effects of corticosteroids on the balance between regulatory T cells and Th17 cells. Clinical and experimental allergy 2013;43(2):212-22.
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cells derived from human induced pluripotent stem cells as a long-term host. Virol J. 2016;13(1):59.

Domestic Publications

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International Poster Presentations

1) Wongkajornsilp A, Sattawatthamrong Y, Huabprasert S, Poster number P.I.026, Primary cultures of cholangiocarcinoma established from bile fluid express insulin-like growth factor I and Fas, **World Congress of Gastroenterology** 2002, Diseases of the biliary tract, 12.30-13.30, Bitec Convention Center, Bangkok, Thailand
2) Wongkajornsilp A, Sattawatthamrong Y, Sangsuriyong S, Huabprasert S, Wamanutajinda V. The Partial Identification Of Immunosuppressor Derived From Cultured Cholangiocarcinoma. Abstract Book: **XIVth World Congress of Pharmacology XIVth World Congress of Pharmacology**, July 7 - 12, 2002, Moscone Convention Center, San Francisco, CA, USA.
3) Sangsuriyong S, Wongkajornsilp A, Huabprasert S, Wamanutajinda V. Suppression of insulin-like growth factor 1 or Fas ligand expression in a hamster cholangiocarcinoma cell line transplanted to allogeneic animals enhanced the immunogenicity against the tumor cells. Abstract Book: **XIVth World Congress of Pharmacology**, July 7 - 12, 2002, Moscone Convention Center, San Francisco, CA, USA.
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8) Wongkajornsilp A, Vichchatorn P, Huabprasert S, Hongeng S. Dendritic cells pulsed with total tumor RNA enhanced cytokine-induced killer (CIK) cells-induced glioblastoma multiforme cytolysis. Abstract Book: **XVth World Congress of Pharmacology**, Beijing, China, July 2-7, 2006: p 274.
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10) Wongkajornsilp A, Wamanuttajinda V, Kasetsinsombat K, Duangsa-ard S, Maneechotesuwan K. Suppression of CD274 expression in both mature and immature dendritic cells rendered greater anti-cholangiocarcinoma activity of the co-culturing cytokine-induced killer cells. Abstract book: **Keystone Symposia on Molecular and Cellular Biology**: Cancer control by tumor suppressors and immune effectors, February 12 - 17, 2011,Santa Fe, NM, p. 206.
11) Kasetsinsombat K, Wamanuttajinda V, Duangsa-ard S, Ariyaboonsiri B, Waikakul S, Maneechotesuwan K, Wongkajornsilp A. Addition of 1-methyl tryptophan to the co-culture of cytokine-induced killer cells with macrophages improved the anti-osteosarcoma cytolysis over those co-cultured with dendritic cells. Abstract book: **Keystone Symposia on Molecular and Cellular Biology**: Cancer control by tumor suppressors and immune effectors, February 12 - 17, 2011,Santa Fe, NM, p. 189.
12) Duangsa-ard S, Kasetsinsombat K, Wamanuttajinda V, Maneechotewuwan K, Wongkajornsilp A. Inhibition of indolamine 2,3-dioxygenase in dendritic cells improved anti-cholangiocarcinoma activity of cytokine-induced killer cells . Abstract book: **Keystone Symposia on Molecular and Cellular Biology**: Cancer control by tumor suppressors and immune effectors, February 12 - 17, 2011,Santa Fe, NM, p. 182.
13) Sa-ngiamsuntorn K, Wamanuttajinda V, Duangsa-ard S, Kasetsinsombat K, Maneechotesuwan K, Wongkajornsilp A. Treatment of CIK cells using Poly-G3 improved the anti-cholangiocarcinoma cytotoxicity. Abstract book: **Keystone Symposia on Molecular and Cellular Biology**: Cancer control by tumor suppressors and immune effectors, February 12 - 17, 2011, Santa Fe, NM, p. 199.
14) Wongkajornsilp A, Wamanuttajinda V, Kasetsinsombat K, Duangsa-ard S, Maneechotesuwan K, Hongeng S, Sunitinib enhanced the anti-cholangiocarcinoma action of cytokine-induced killer cells through the action on $CD3^{+}CD56^{+}$ cells. **AACR: Tumor Immunology**: Multidisciplinary science driving basic and clinical advances, December 2 - 5, 2012, Miami, Florida, USA
15) Wongkajornsilp A, Wamanuttajinda V, Kasetsinsombat K, Duangsa-ard S, Maneechotesuwan K. Sunitinib-treated dendritic cells promoted Th1 phenotype in $CD3^{+}CD56^{+}$ subset of CIK cells. **Keystone Symposia on** Molecular and Cellular Biology: Cancer Immunology and Immunotherapy (J4), January 27, 2013 – February 1, 2013, Vancouver, British Columbia, Canada
16) Wongkajornsilp A, Wamanuttajinda V, Duangsa-ard S, Kasetsinsombat K, Maneechotesuwan K, Hongeng S. Clinical trial of neuroblastoma with cytokine-induced killer cells primed with sunitinib-pretreated dendritic cells**. Keystone Symposia on**

Molecular and Cellular Biology: Immune Evolution in Cancer (X2), March 9 - 14, 2014, Whistler, British Columbia, Canada

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18) Wongkajornsilp A, Sawatpiboon N, Duangsa-ard S, Kasetsinsombat K, Maneechotesuwan K, Hongeng S. The upregulation of KLRG1 on cytokine-induced killer cells after the co-culture with cholangiocarcinoma cells was reversed upon tumor removal plus the addition of TGF-β receptor signaling inhibitor. **Keystone Symposia on Molecular and Cellular Biology**: Cancer Immunotherapy: Immunity and Immunosuppression Meet Targeted Therapies (J6), January 24-28, 2016, Fairmont Hotel Vancouver, Vancouver, British Columbia, Canada

Domestic Poster Presentations

1) Wongkajornsilp, A. Expression of cyclooxygenase-1 and –2 in human glioblastoma multiforme cell culture. Abstract book, 38th Siriraj Scientific Congress, Siriraj Hospital, March 2-6, 1998: p 168.
2) Wongkajornsilp A. Expression of insulin-like growth factor I and II in common cancers. Abstract book, 38th Siriraj Scientific Congress, Siriraj Hospital, March 2-6, 1998: p 170.
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5) Akarasereenont, P., Wongkajornsilp, A., Techatrisak, K., Chotewuttakorn, S., Thaworn, A., Haubprasert, S., Chanyavanich, V., and Tisavipat, N. The effects of conditioned medium from glioblastoma cell culture on cell proliferation in endothelial cell culture. Abstract book, 39th Siriraj Scientific Congress, Siriraj Hospital, March 8-12, 1999: p 220.
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7) Wongkajornsilp A, Sattawatthamrong Y, Huabprasert S. Primary cultures of cholangiocarcinoma established from bile fluid express inslin-like growth factor I and Fas. Thai J Pharm 2000; 22(Sup. 1): S85.
8) Wongkajornsilp A, Teeralapnanon A, Huabprasert S. An in vitro study for the activation of anti-tumor cytotoxicity between autologous dendritic cell alone, tumor cell alone, and fusion of autologous dendritic cell and tumor cell from a glioblastoma multiforme subject. Thai J Pharm 2001; 23(Sup. 1): S110.
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19) Tappayuthpijarn P, Wongkajornsilp A, Jamsak K, Ninchawee C, Huabprasert S, Ketsawatsakul U. Abstract: The effects of four medicinal plants on cytotoxicity of human melanocyte cells. Siriraj Med J 2005; 57(Sup 1): 21-22.
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27) Lousuwan N, Wamanutajinda V, Huabprasert S, Wongkajornsilp A. The suppression of TGF-β expression in dendritic cells using shRNA modulates Th1/Th2 patterns on CD4+ T cells. Siriraj Med J 2006; 58 Suppl 1:42.
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