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The Alan Houghton Lab

ABOUT US

[Our mission, vision & core values](#)

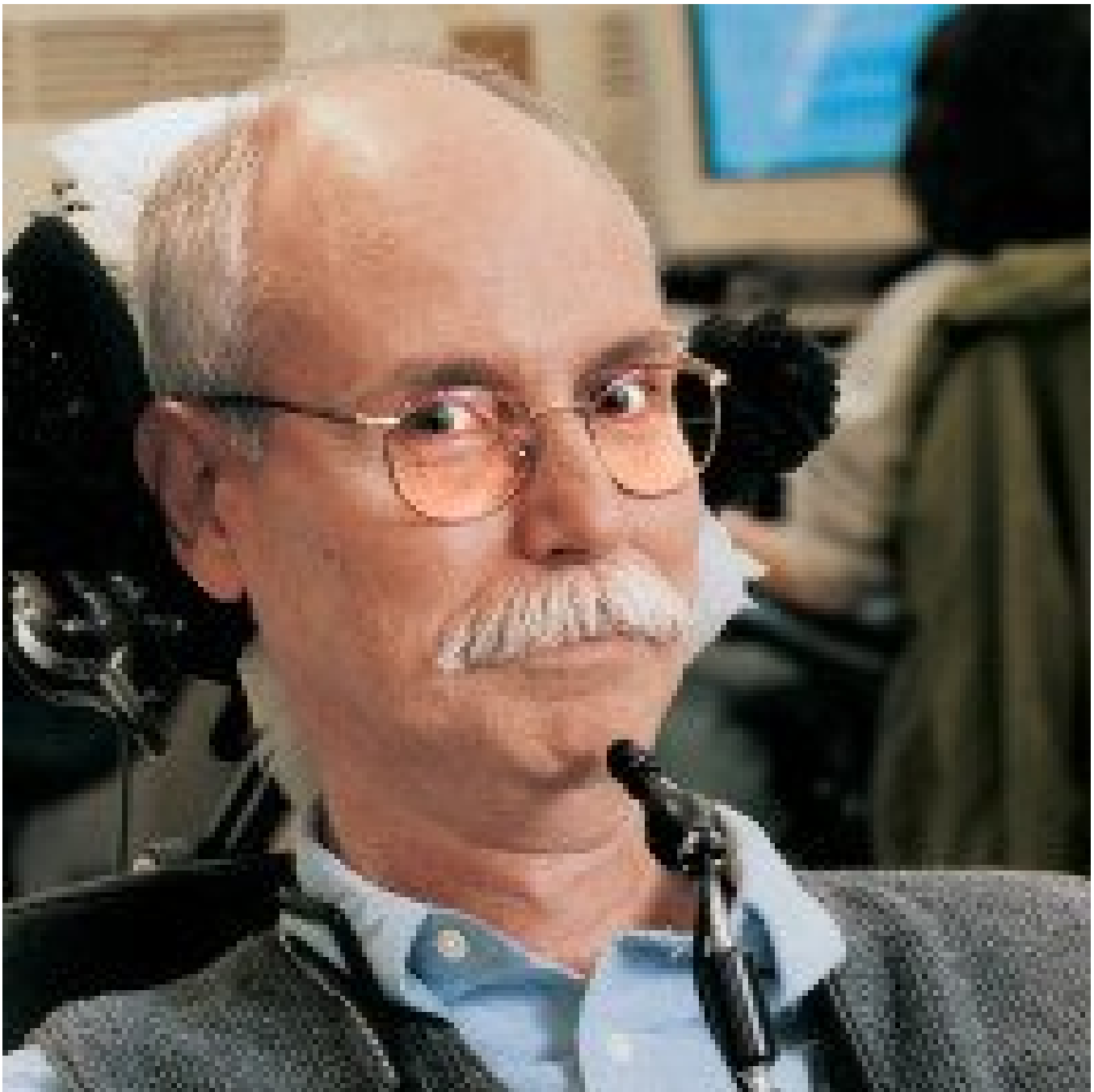
[Leadership](#)

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Alan Houghton, MD

The Houghton Laboratory includes an interesting mix of molecular biologists, immunologists, medical oncologists, and surgeons. This environment provides cross-fertilization of scientists and clinical investigators.

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Research Projects

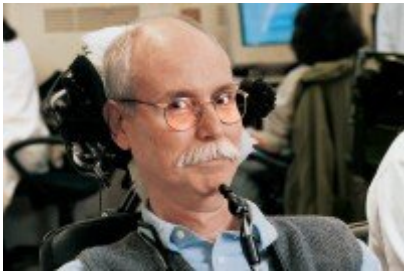
[Tumor Immunity, Autoimmunity, and Immune Surveillance of Genetic Integrity](#)

[Pathogenesis and Treatment of Melanoma](#)

[Development of New Cancer Therapies](#)

[The Role of Cell-Surface Peptidases in Inflammation, Malignant Transformation, and Cancer Progression](#)

Featured News



[At Work: Immunologist Alan Houghton](#)

Cancer immunologist Alan Houghton shares his research and patient care experiences, including his insights from living with amyotrophic lateral sclerosis.



[Alan Houghton Receives Mentorship Award](#)

Memorial Sloan Kettering's Junior Faculty Council presented its 2008 Award for Excellence in Mentoring to Alan N. Houghton, Vice Chair for Academic Affairs in the Department of Medicine and incumbent of the Virginia and Daniel K. Ludwig Clinical Chair.

Publications Highlights

[Ferrone CR, Perales MA, Goldberg SM, Somberg CJ, Hirschhorn-Cymerman D, Gregor PD, Turk MJ, Ramirez-Montagut T, Gold JS, Houghton AN, Wolchok JD. Adjuvanticity of plasmid DNA encoding cytokines fused to immunoglobulin Fc domains. Clin Cancer Res. 2006;12\(18\):5511-9.](#)

[Perales MA, Diab A, Cohen AD, Huggins DW, Guevara-Patino JA, Hubbard VM, Engelhorn ME, Kochman AA, Eng JM, Mortazavi F, Alpdogan O, Terwey TH, Heller G, Wolchok JD, Houghton AN, van den Brink MR. DNA immunization against tissue-restricted antigens enhances tumor immunity after allogeneic hemopoietic stem cell transplantation. J Immunol. 2006;177\(6\):4159-67.](#)

[Uchi H, Stan R, Turk MJ, Engelhorn ME, Rizzuto GA, Goldberg SM, Wolchok JD, Houghton AN. Unraveling the complex relationship between cancer immunity and autoimmunity: lessons from melanoma and vitiligo. Adv Immunol. 2006;90:215-41.](#)

[Guevara-Patino JA, Engelhorn ME, Turk MJ, Liu C, Duan F, Rizzuto G, Cohen AD, Merghoub T, Wolchok JD, Houghton AN. Optimization of a self antigen for presentation of multiple epitopes in cancer immunity. J Clin Invest. 2006;116\(5\):1382-90.](#)

[Engelhorn ME, Guevara-Patiño JA, Noffz G, Hooper AT, Lou O, Gold JS, Kappel BJ, Houghton AN. Autoimmunity and tumor immunity induced by immune responses to mutations in self. Nature Med. 2006; 2:198-206.](#)

[View All Publications](#)

People



Alan Houghton, MD

Cancer immunologist Alan Houghton studies the immune response to cancer, immune recognition of self and mutated molecules, and development of new immunotherapies.

University of Connecticut School of Medicine

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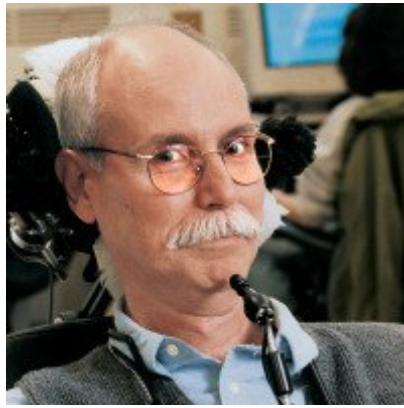
Physician profile

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Gallardo
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Manager

Polly Gregor
Assistant Laboratory
Member

Daniel Hirschhorn-
Cymerman
Research Associate



Alan Houghton

Member

Yanyun Li

Research Assistant

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Feng

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Lab Affiliations

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