

**Memorial Sloan Kettering Cancer Center and
Weill Cornell Medical College
Curriculum vitae and Bibliography**

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A. GENERAL INFORMATION

1. Name/Degree(s) **Kenneth Ho-ming Yu, MD, MSc**
2. Institution Name, Office address: MSKCC
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B. EDUCATIONAL BACKGROUND

<i>Degree</i>	<i>Institution name and location</i>	<i>Dates attended</i>	<i>Year Awarded</i>
B.A.	Harvard University, Cambridge, MA	1991-1995	1995
M.D.	Johns Hopkins University, Baltimore, MD	1995-1999	1999
M.Sc.	University of Pennsylvania, Philadelphia, PA	2005-2009	2009

C. PROFESSIONAL POSITIONS AND EMPLOYMENT

1. Post-doctoral training including residency/fellowship

<i>Title</i>	<i>Institution name and location</i>	<i>Dates</i>
Medical Intern	Hospital of the University of Pennsylvania, Philadelphia, PA	1999-2000
Medical Resident	Hospital of the University of Pennsylvania, Philadelphia, PA	2000-2002
Fellow, Hematology and Oncology	Hospital of the University of Pennsylvania, Philadelphia, PA	2002-2005

2. Academic positions (teaching and research)

<i>Title</i>	<i>Institution name and location</i>	<i>Dates</i>
Research Associate in Medicine	University of Pennsylvania, Philadelphia, PA	07/05-09/05
Research Scholar	Institute for Translational Medicine and Therapeutics, University of Pennsylvania	07/05-12/09
Instructor in Medicine	University of Pennsylvania, Philadelphia, PA	09/05-7/10
Associate Laboratory Director	Center for Cancer Pharmacology, University of	2008-7/10

Assistant Member	Pennsylvania, Philadelphia, PA	
Assistant Professor	Memorial Sloan Kettering Cancer Center, NY	7/10-present
Adjunct Assistant Professor	Weill Cornell Medical College	7/10-present
Clinical Fellow	University of Pennsylvania, Philadelphia, PA	7/11-present
	Cold Spring Harbor Laboratory, Cold Spring Harbor, NY	9/12-present

3. Hospital positions (e.g., attending physician)

<i>Title</i>	<i>Institution name and location</i>	<i>Dates</i>
Attending Physician	Abramson Cancer Center, Division of Hematology-Oncology, Hospital of the University of Pennsylvania, Presbyterian Medical Center and the Philadelphia VAMC	2005-7/10
Assistant Attending Physician	Memorial Hospital for Cancer & Allied Diseases, Department of Medicine, NY	7/10-present

4. Other Employment

None

5. Breaks in academic or medically-related employment of one month or longer

None

D. LICENSURE, BOARD CERTIFICATION, MALPRACTICE

1. Licensure

<u>State</u>	<u>Number</u>	<u>Date of issue</u>	<u>Date of expiration</u>
NY	257085	05/14/2010	04/30/2016
PA	419942	06/26/2002	12/31/2010

	<u>Number</u>	<u>Date of issue</u>	<u>Date of expiration</u>
<u>DEA:</u>	BY8049048		5/31/2016
<u>NPI:</u>	1073554440		

2. Board Certification(s)

Full Name of Board	Candidate #	Year passed	Year expires/d
Diplomate, American Board of Internal Medicine	216229	2002	2012
Diplomate, ABIM, Medical Oncology	216229	2005	2025

3. Malpractice insurance

Do you have Malpractice insurance? Yes

Name of Provider: MSK Insurance, US, Inc

Premiums paid by: Memorial Sloan Kettering Cancer Center

E. PROFESSIONAL MEMBERSHIPS

<i>Member/officer/other</i>	<i>Name of Organization</i>	<i>Dates</i>
Member	American Society of Clinical Oncology	2003-Present
Member	American Association of Cancer Research	2003-2012
Member	American Gastroenterology Association	2005-2011
Member	American Society for Mass Spectrometry	2008-2012

F. HONORS AND AWARDS

<i>Name of award</i>	<i>Date awarded</i>
Thomas T. Hoopes Prize, Harvard University, for excellence in an undergraduate senior thesis	1995
Magna cum laude with highest honors, Harvard University	1995
ACS Institutional Grant, Johns Hopkins School of Medicine	1996
Research Scholar, Institute for Translational Medicine and Therapeutics, University of Pennsylvania	2005
Bernard L. Schwartz Designated Research Award in Pancreatic Cancer, AGA Foundation for Digestive Health and Nutrition	2006

G. INSTITUTIONAL/HOSPITAL AFFILIATION

Primary Hospital Affiliation:	Memorial Hospital for Cancer and Allied Diseases
Other Hospital Affiliations:	<i>None</i>
Other Institutional Affiliations:	Weill Cornell Medical College University of Pennsylvania Cold Spring Harbor Laboratory

H. EMPLOYMENT STATUS

Name of Employer(s): Memorial Sloan Kettering Cancer Center
Employment Status: Full-time salaried

I. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES AND EFFORT

1. <u>Teaching/Mentoring</u> (e.g., specific teaching and mentoring activities, courses taught, dates) <i>Activity</i>	<i>Dates</i>
Lecturer, Frontiers in Medicine: Gastroenterology Course, University of Pennsylvania School of Medicine. <i>Lecture to 4th year medical students regarding emerging biomedical research topics in gastroenterology.</i>	2006-2008
Lecturer, Tutorial Seminar Series in Pharmacology, Department of Radiation Oncology, University of Pennsylvania School of Medicine. <i>Lecturing to</i>	2006-6/2010

Radiation Oncology residents, core curriculum.

Lecturer, Frontiers in Medicine: Cancer Pharmacology Course, University of Pennsylvania School of Medicine. <i>Lecture to 4th year medical students regarding emerging biomedical research topics in pharmacology.</i>	2007
Co-Director, Frontiers in Medicine: Cancer Pharmacology Course, University of Pennsylvania School of Medicine. <i>Direct class for 4th year medical students, discussing emerging biomedical research topics in pharmacology.</i>	2008-Present
Lecturer, Fellowship Didactic Lecture Series, Division of Hematology/Oncology, University of Pennsylvania School of Medicine. <i>Lecturing to Hematology/Oncology fellows, core curriculum.</i>	2009-6/10
Associate Director, Laboratory of Ian Blair, Ph.D., Center for Cancer Pharmacology, University of Pennsylvania. <i>Laboratory research mentoring of undergraduate students, graduate students and post-doctoral fellows.</i>	2008-6/10
GI Oncology International Videolinked Conference, Case Presentation: "Management of a Patient Diagnosed with Pancreatic Cancer and Myelodysplastic Syndrome"	8/2012
Cornell/MSKCC, inpatient housestaff lecture on Pancreatic Cancer	1/2014
Cornell/MSKCC, inpatient intern morning report	2/2014
Lecturer, Radiation Oncology Didactic Lecture Series, MSKCC	4/2015
Lecturer, Hematology/Oncology Grand Rounds, MSKCC	7/14/15

2. Clinical Care

<i>Activity</i>	<i>Dates</i>
Attending Physician in Oncology, Philadelphia VAMC. Management and treatment of GI Oncology patients.	2003-6/10
Attending Physician, Abramson Cancer Center, University of Pennsylvania. Management and treatment of GI Oncology patients.	2005-6/10
Physician, GI Oncology Division, MSKCC. Management and treatment of GI Oncology patients.	7/10-Present

3. Administrative duties

<i>Activity</i>	<i>Dates</i>
Member, Pancreatic Cancer Working Group, MSKCC	2010-Present
Member, The David M. Rubenstein Center for Pancreatic Cancer Research	2014-Present

4. Research

Research Summary

My research has two focuses: the development of novel therapeutics and biomarkers in pancreatic cancer. Development of novel therapeutics involves the conduct of translational and

therapeutic clinical trials in pancreatic cancer. Development of biomarkers involves the study of proteomics, metabolomics and circulating tumor cells (CTCs). These biomarkers have the potential to be used as tools for individualized cancer treatment and for developing novel therapeutics in pancreatic cancer. I have the expertise, leadership and motivation necessary to successfully carry out the described research. I have experience in proteomics and translational research with specific training and expertise in key research areas. As a hematology/oncology fellow at Penn, I developed innovative mass spectrometry and proteomic techniques for identifying serum biomarkers of pancreatic cancer. As the PI on numerous University and Foundation funded grants, an NIH K08 career development award and an NIH R01 research award, I have further developed these approaches. I have successfully administered these projects (e.g. staffing, research protections, budget), written and carried out IRB-approved translational research protocols, collaborated with other researchers, and authored several peer-reviewed publications from each project. As a result of these previous experiences, I am aware of the importance of frequent communication among project members and of constructing a realistic research plan, timeline, and budget. Current research builds logically upon my prior work and is currently funded via an NIH R01 research award and Foundation research awards focused on pancreatic cancer. I have chosen collaborators who provide specific expertise in clinical research (Dr. Eileen O'Reilly), expertise in mass spectrometry (Dr. Ian Blair and Dr. Paul Tempst), expertise in pancreatic cancer biology (Dr. David Tuveson), expertise in CTCs and gene expression profiling (Dr. Mark Ricigliano), expertise in clinical trial design (Dr. Marinela Capanu) and systems biology and gene expression modeling (Dr. Nathan Price). In summary, I have a demonstrated record of successful and productive research projects in an area of high relevance for the NIH, NCI and MSKCC.

<i>Protocol</i>	<i>Role</i>
IRB #10-210: A Phase II, Open-Label, Multicenter Study to Evaluate the Antitumor Efficacy of CO-1.01 for Infusion as Second-Line Therapy for Gemcitabine-Refractory Patients with Stage IV Pancreatic Adenocarcinoma and No Tumor hENT1 Expression	Co-PI
IRB #11-141: Feasibility of Obtaining and Characterizing Circulating Tumorigenic Cells in Patients with Pancreatic Adenocarcinoma	PI
IRB #12-036: A Phase Ib, Open-label, Multi-center, Dose Escalation, Safety and Tolerability Study of LDE225 in Combination with Gemcitabine in Patients with Locally Advanced or Metastatic Pancreatic Adenocarcinoma	PI
IRB #12-078: A Phase I-II, Two-Part, Multicenter Study to Evaluate the Safety and Efficacy of M402 in Combination with Gemcitabine in Patients with Metastatic Pancreatic Cancer	Co-PI
IRB #12-234: A Phase Ib/2 Study of OMP-59R5 in Combination with Gemcitabine in Subjects with Previously Untreated Stage IV Pancreatic Cancer	Co-PI
IRB #14-039: A Two Stage Pilot Study Of Single Dose PEGPH20 And Cetuximab In Patients With Pancreatic Adenocarcinoma Prior To Surgical Resection	PI
IRB #14-120: A Phase III, Multicenter, Open-Label, Randomized Study of nab-Paclitaxel Plus Gemcitabine Versus Gemcitabine Alone As Adjuvant Therapy in Subjects with Surgically Resected Pancreatic Adenocarcinoma	Co-PI
IRB #14-190: A Randomized, Double-Blind, Phase 3 Study of the JAK1/2	Co-PI

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