

2009 Research Fellow Poster Celebration Award Winners

Posters of Distinction (\$500 awards)

22 Bryan Fuchs, PhD, Surgery/Oncology

Erlotinib chemoprevention of hepatocellular carcinoma in a rat model of cirrhosis

Bryan C. Fuchs¹, Tsutomu Fujii¹, Gregory Y. Lauwers²,
Christopher M. McGinn³, Suguru Yamada¹, Toshihiko Kuroda¹,
Michael Lanuti³ and Kenneth K. Tanabe¹

#1 Prakash Rai, PhD, Dermatology

Abstract Title: Nanotechnology mediated mechanism-based combination therapy against metastatic pancreatic cancer.

Prakash Rai, Sung Chang, Zhiming Mai, Bryan Spring, Daniel Neuman, Tayyaba Hasan,

#48 Lin Zou, MD, Anesthesia/Critical Care

Toll-like receptor 2 plays a critical role in cardiac dysfunction and high mortality during experimental sepsis

Lin Zou¹, Yan Feng¹, Yu-Jung Chen¹, Rui Si¹, Marielle Scherrer-Crosbie², Shiqian Shen², Fumito Ichinose¹, Wei Chao¹

Posters of Excellence (\$350 awards)

#19 Adnan Abu-Yousif, PhD, Dermatology

PIC-ing Apart Ovarian Cancer: A PhotoImmunoConjugate-based Approach

Adnan O. Abu-Yousif, Xiang Zheng, Bryan Q. Spring, and Tayyaba Hasan

Wellman Center for Photomedicine, MGH, HMS

#7 Jayeeta Bhaumik, PhD, Molecular Imaging

Multimodal Nanoagents for the Detection and Treatment of Atherosclerosis

Jason R. McCarthy, **Jayeeta Bhaumik**, Farouc A. Jaffer and Ralph Weissleder

#51 Yan Feng, MD PhD, Anesthesia/Critical Care

Innate immune adaptor MyD88 contributes to ischemic myocardial injury and modulates neutrophil migration and chemokine receptor expression

Yan Feng¹, Lin Zou¹, Rui Si¹, Yasuko Nagasaka¹, Shiqian Shen², Wei Chao¹

#3 Run-Xuan Shao, MD PhD, GI Unit

SOCS3 Downregulates Hepatitis C Virus Replication through mTOR Pathways

Run-Xuan Shao, Wenyu Lin, Lee F. Peng, Sabina Sabharwal, Woo Jin Chung, Jae Young Jang, Raymond T. Chung

Posters of Merit (\$200 awards)

#14 Michael Curley, PhD, Reproductive Biology

CD133 distinguishes a tumorigenic population in primary human ovarian cancer

Michael D. Curley, Vanessa A. Therrien, Christine L. Cummings, Petra A. Sergent, Carolyn R. Koulouris, Anne M. Friel, Drucilla J. Roberts, David T. Scadden, Bo R. Rueda, and Rosemary Foster

#36 Jonas Dyhrfeld-Johnsen, PhD, Neurology

Epilepsy *in vitro*: Development of spontaneous, chronic epileptiform activity in organotypic hippocampal slice cultures mirrors *in vivo* epileptogenesis

J. Dyhrfeld-Johnsen^{1,2*}, W. Swiercz^{1,2}, Y. Berdichevsky^{1,3}, H. Sabolek^{1,2}, K. Staley^{1,2}

#40 Rongbin Ge, MD PhD, Urology

F-box protein 10: a novel anti-apoptotic protein regulates TRAIL-induced apoptosis

Authors: *Rongbin Ge, Zongwei Wang, Aria F. Olumi.*

#16 Patrizia Vannini, PhD, Psychiatry

Amyloid deposition is associated with increased posterior cingulate activity during memory recall in asymptomatic older adults

P. Vannini, J. O'Brien, D. Putcha, K. O'Keefe, M. Pihlajamäki, P. LaViolette, I. Hamdi,

L. Wang, J.A. Becker, K.A. Johnson, R.A. Sperling.

34 Lei Zheng, PhD, Dermatology

Effective Use of Nanocell Drug Delivery System for Photodynamic Therapy Combination Treatment of c-MET Positive Pancreatic Cancer in Preclinical Mouse Model

Lei Zak Zheng, Prakash Rai, Conor Evans, Bryan Spring and Tayyaba Hasan