



# Alumni Directory

1992- 2023

Updated,4/2023



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*Targeting Beta-Cell Senescence in Diabetes*  
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*Novel platform to increase dendritic cell function and antigen-specific T cell responses to cancer*  
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*Cortical Networks Guiding Hunger-Dependent Attention to Food Cues*  
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*Peroxisome Proliferator-Activated Receptor Gamma 1alpha (PGC-1alpha) and Cardiac Angiogenesis*  
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*Multi-step Pathogenesis of MLL-rearranged Leukemias*  
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Emily Patricia Balskus, Ph.D.  
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*Understanding and Preventing the Production of Disease-Associated Metabolites by the Human Gut Microbiota*  
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*Mapping the Proteolytic Regulatory Network that Controls Cell Division*  
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*Analysis of the Tsk tyrosine Kinase in Transgenic Mice*  
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*Regulation of the LDLR by Insulin and Diabetes*  
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*Role of ARF Proteins in GLUT4 Trafficking*  
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*Non-coding RNA as a Regulator of Cell Fate through Functional Interaction with Polycomb Group Proteins*  
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*Chemical Inhibition of Bromodomains in Cancer*  
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*Deconstructing the Cellular Antenna: Primary  
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AlanBrown, Ph.D.  
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*Structural Basis of Intraflagellar Transport*



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*The Genetics of Atrial Fibrillation: Exploration  
of Endophenotypes*  
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*Thioredoxins, Thioredoxin Reductase and the  
Mechanisms of Oxidative Stress*  
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*Circadian Rhythms and their Synchronization  
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*Using Yeast to Identify New Tumor  
Suppressor Genes*

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*Elucidating the Mechanism of Co-  
transcriptional Histone Mark Deposition*  
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*Cloning and Initial Characterization of a Kidney  
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Steven M. Finkbeiner, M.D., Ph.D.  
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*Molecular Mechanisms of Huntington's  
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*Evolution and Regulation of Hybrid Exons*

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*Regulation of CTCL Migration to Skin via CLA*  
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*Maintenance of Genome Stability by the  
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*Exploring the Function of Sleep in Neural  
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*Building a Mechanistic Understanding of  
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*Regulation of Cell Growth by Cellular EIA-Like  
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*Cellular and Molecular Mechanisms of  
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*Heterochromatin Variation, Bisphenol A  
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*Early Visual Centers Coordinate to Shape the  
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*Decoding BCL-2 Family Interactions to  
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(2016 Award Recipient)  
*Cryo-EM Studies of the 1.1 T.1 (MCID98BDC /Tc -0.01*

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*The Role of Katp ion Channels in Embryonic  
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*Whole-brain dopamine dynamics underlying  
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*Breaking the Robustness of Bacterial  
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*The Role of Cdc42 in Actin Cytoskeleton  
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*Dynamics of Protein-RNA Interaction in the  
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*A Universal Genetic Toolkit to Illuminate  
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*Molecular Determinants of Leptin  
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*Human Biosynthesis of Alkaloids: Chemical  
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*Inflammatory Memory and Adaptation in  
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*Development, Function and Dysfunction of  
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*The role of tonic interferon signaling in  
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*The Dishevelled Gene Product and the  
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*The Role of the Com avp<sup>8p</sup> Zct*

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*Deciphering Principles of Human Embryonic  
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*Elucidating Novel Circuits of Electron Flow in  
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*Peering into Cancer Stem Cell Niches to Guide  
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*Cellular Dynamics and Regulation of  
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Kimberly Stegmaier, M.D.  
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*Chemical Genomic Approach to Modulating  
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*Specification of Neuronal Cell Identities  
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Alex Toker, Ph.D.  
(1998 Award Recipient)  
*The Role of Protein Kinase C in Integrin-  
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*Role of Protein Turnover Pathways in  
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Shannon J. Turley, Ph.D.  
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*Targeting I $\kappa$ B Kinase in Dendritic Cells to  
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*Elucidating Neural Circuits Underlying  
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*Regulation of Anaphylactic IgE Promoting  
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*Sensing and Signaling DNA Damage in  
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