

## Poster Session

### Cellular Metabolism

**1 Influence of Oral Infection on Pathways Associated with the Progression of Non-Alcoholic Fatty Liver Disease**

Alexandra M. Simas<sup>a, b</sup>, Carolyn D. Kramer<sup>a</sup>, Ellen O. Weinberg<sup>a</sup>, and Caroline A. Genco<sup>a, c, d</sup>

Department of Immunology, Tufts University School of Medicine<sup>a</sup>, Graduate Program in Biochemical and Molecular Nutrition, Gerald J. and Dorothy R. Friedman School of Nutrition and Science Policy, Tufts University<sup>b</sup>; Graduate Program in Immunology<sup>c</sup> and Molecular Microbiology<sup>d</sup>, Sackler School of Graduate Biomedical Sciences, Tufts University.

**2 Tracking atherosclerosis and fatty liver disease in MRI of cholesterol fed rabbits with treatment by specialized pro-resolving mediators (SPM)**

Erik Taylor, Nasi Huang, James Hamilton (Boston University)

### Community

**3 The Postprandial Glycemic Response to Acute Bout of Exercise in Healthy Adults**

Rui Li, Hannah Doolittle, Northeastern University, Boston, MA

**4 Technology Usage by Diabetes, Nutrition, and Weight Management Clinic Patients at Boston Medical Center (BMC)**

Katherine Modzelewski, MD; Mary-Catherine Stockman, MPH, RD, LDN; Devin Steenkamp, MD

### Education

**5 Eat to Treat: A Nutrition Course for Future Physicians – An Innovative Enrichment Opportunity Integrating Nutrition Education, Cooking Skills, and Counseling Techniques for Medical Students**

Kate Donovan, MS, RD, LDN, Department of Pediatrics, BMC; Tracey Burg, RD, LDN, Food Demonstration Kitchen, BMC; Katie Epstein, BA, Department of Health Sciences, Boston University Sargent College; Ty Sweeney, BA, MS2, BUSM; Olivia Weinstein, BA, Department of Food and Nutrition, Framingham State University; Carine Lenders, MD, MS, ScD, Department of Pediatrics, BMC and Associate Professor of Pediatrics, BUSM.

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## Epidemiology

### 6 **A prospective study of dairy product intake and the risk of hepatocellular carcinoma in U.S. men and women**

Jing Sui,<sup>1,2</sup> Yanan Ma,<sup>2,3</sup> Wanshui Yang,<sup>2,4</sup> Xuehong Zhang<sup>2</sup>

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### 7 **RACIAL DIFFERENCES IN WEIGHT REGAIN FOLLOWING ROUX-EN-Y BARIATRIC SURGERY**

Dylan D. Thomas, MD, Amanda Velazquez, MD, Caroline M. Apovian, MD, Liqun Yu, PhD, Wendy Anderson, RDN, LDN, Donald Hess, MD, Brian Carmine, MD, Nawfal Istfan, MD, PhD (Boston Medical Center)

### 8 **Calcium intake and risk of colorectal cancer according to tumor infiltrating T cells: Results from two large U.S. prospective cohorts**

Wanshui Yang<sup>1\*</sup>, Li Liu<sup>2,3,4\*</sup>, NaNa Keum<sup>3,5\*</sup>, Zhi Rong Qian<sup>2</sup>, Jonathan A. Nowak<sup>6,7</sup>, Tsuyoshi Hamada<sup>2</sup>, Mingyang Song<sup>3,8,9</sup>, Yin Cao<sup>3,8,9</sup>, Katsuhiko Noshio<sup>2</sup>, Stephanie A. Smith-Warner<sup>3,10</sup>, Shui Zhang<sup>7</sup>, Yohei Masugi<sup>2</sup>, Kimmie Ng<sup>7</sup>, Keisuke Kosumi<sup>2</sup>, Yanan Ma<sup>11,12</sup>, Wendy S. Garrett<sup>13</sup>, Molin Wang<sup>14</sup>, Hongmei Nan<sup>15,16</sup>, Marios Giannakis<sup>2</sup>, Jeffrey A. Meyerhardt<sup>7</sup>, Andrew T. Chan<sup>9,10,11</sup>, Charles S. Fuchs<sup>17,18,19</sup>, Reiko Nishihara<sup>2,3,4,7,14</sup>, Kana Wu<sup>3</sup>, Edward L. Giovannucci<sup>3,4\*</sup>, Shuji Ogino<sup>2,4,7\*</sup>, Xuehong Zhang<sup>11\*</sup>

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### Food Intake Regulation

#### 9 **The timing of eating on weekends differs from weekdays but is not differently associated with weight status**

Lena Ho<sup>1</sup>, Susan B. Roberts<sup>2</sup>, Carol J. Boushey<sup>3</sup>, Ashley Helvig<sup>4</sup>, Owen H. Maroney<sup>5</sup>, Rashmi S. Sharma<sup>5</sup>, Megan A. McCrory<sup>1</sup>

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### Molecular Biology

#### 10 **Dissection of insulin-dependent pathways in skeletal muscle under physiological and diabetic conditions**

Thiago M Batista, Ruben Garcia-Martin, Weikang Cai, Jason K. Kim, C. Ronald Kahn.

Joslin Diabetes Center, Harvard Medical School, Boston, MA

11 **RNAseq and ChIPseq analysis of brown adipose tissue from GPS2 adipose-specific knockout mice**

Joey Orofino<sup>1</sup>, Carly Cederquist<sup>2</sup>, Adam Labadorf<sup>3</sup>, Dafne Cardamone<sup>1</sup> and Valentina Perissi<sup>1</sup>

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## Neural Regulation

12 **Remodeling of adipose tissue nerves through the action of a stromovascular-derived neurotrophic factor**

Magdalena Blaszkiwicz<sup>2</sup>, Jake W. Willows<sup>2</sup>, Amanda Dubois<sup>2</sup>, Elizabeth Wood<sup>2</sup>, Ryan Anderson<sup>2</sup>, Kristen DiBello<sup>2</sup>, Sigrid Koizar<sup>2</sup>, Kristy L. Townsend<sup>1,2</sup>

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13 **Genetic Identification of Leptin Neural Circuits in Energy and Glucose Homeostases**

Jie Xu, Christopher L. Bartolome, Cho S. Low, Xinchu Yi, Cheng-Hao Chien, Peng Wang, Dong Kong

Department of Neuroscience, Tufts Medical School