



JOURNAL CLUB SCHEDULE  
A.A. 2016-17

| DATE/ROOM | SPEAKER                  | OPPONENT                | PAPER   |
|-----------|--------------------------|-------------------------|---|
| NOVEMBER  | 30 ANGIONI ROBERTA       | PIZZI MARCO             | VEGF-A/Notch-Induced Podosomes Proteolyse Basement Membrane Collagen-IV during Retinal Sprouting Angiogenesis   |
| DECEMBER  | 7 ANTONUCCI SALVATORE    | FRANCO ROMERO ANAIS     | Macrophage Akt1 Kinase-Mediated Mitophagy Modulates Apoptosis Resistance and Pulmonar Fibrosis  |
|           | 14 BARALDO MARTINA       | SCALCON VALERIA         | mTORC1 and mTORC2 regulate skin morphogenesis and epidermal barrier formation   |
|           | 21 PRANDO VALENTINA      | BORTOLOTTO RAISSA       | Targeting $\beta$ 1-integrin signaling enhances regeneration in aged and dystrophic muscle in mice  |
| JANUARY   | 11 CARRARO MARCO         | CRIVELLARO GIOVANNA     | Dormant breast cancer micrometastases reside in specific bone marrow niches that regulate their transit to and from bone                                |
|           | 18 DI MARCO GIULIA       | LIDRON ELISA            | Targeting the histone methyltransferase G9a activates imprinted genes and improves survival of a mouse model of Prader-Willi sy                         |
| G pr EST  | 25 FENO SIMONA           | PALADIN LISANNA         | Reversal of Defective Mitochondrial Biogenesis in Limb-Girdle Muscular Dystrophy 2D by Independent Modulation of Histone and PGC-1 $\alpha$ Acetylation |
| G pr EST  | 27 GASPARINI ALESSANDRA  | LIA ANNA MARIA          | Phase Transition in Postsynaptic Densities Underlies Formation of Synaptic Complexes and Synaptic Plasticity  |
| FEBRUARY  | 1 GEFNER SMITH ALESSANDR | SOARDI MICHELA          | Hollow boron nitride nanospheres as boron reservoir for prostate cancer treatment   |
| G pr EST  | 10 CAMPO ANTONIO         | MASET ANDREA            | Cardiac Fibroblasts Adopt Osteogenic Fates and Can Be Targeted to Attenuate Pathological Heart Calcification  |
| G pr EST  | 15 REQUIE LINDA MARIA    | FRANCIA SIMONA          | Hypothalamic arcuate nucleus tyrosine hydroxylase neurons play orexigenic role in energy homeostasis  |
| G pr EST  | 22 RIGOTTO GIULIA        | LISHU GUO               | Astrocytic Insulin Signaling Couples Brain Glucose Uptake with Nutrient Availability  |
| G pr EST  | 24 ROSSI ALICE           | LAQUATRA CLAUDIO        | Endosome-ER Contacts Control Actin Nucleation and Retromer Function through VAP-Dependent Regulation of PI4P  |
| MARCH     | 1 ZANETTI GIULIA         | GALBER CHIARA           | TFEB inhibits endothelial cell inflammation and reduces atherosclerosis   |
| A pr      | 8 CRIVELLARO GIOVANNA    | TEZZE CATERINA          | Mapping synaptic glutamate transporter dysfunction in vivo to regions surrounding Ab plaques by iGluSnFR two-photon imaging                             |
| A pr      | 15 FRANCO ROMERO ANAIS   | FALCONIERI ANTONELLA    | Autophagy regulates satellite cell ability to regenerate normal and dystrophic muscles  |
| A pr      | 22 SCALCON VALERIA       | VAJENTE NICOLA          | Prohibitin 2 Is an Inner Mitochondrial Membrane Mitophagy Receptor  |
| A pr      | 29 BORTOLOTTO RAISSA     | SCREMIN ELENA           | Impaired Amino Acid Transport at the Blood Brain Barrier Is a Cause of Autism Spectrum Disorder   |
| APRIL     | 5 LIDRON ELISA           | TROIANO CARMEN          | A152T tau allele causes neurodegeneration that can be ameliorated in a zebrafish model by autophagy induction   |
|           | 7 PIZZI MARCO            | GOLDONI GIACOMO         | Transitional B cells commit to marginal zone B cell fate by Taok3-mediated surface expression of ADAM10   |
| A pr      | 12 LIA ANNA MARIA        | QUAGLIA FEDERICA        | A Brainstem-Spinal Cord Inhibitory Circuit for Mechanical Pain Modulation by GABA and Enkephalins   |
| A pr      | 19 PALADIN LISANNA       | ANGIONI ROBERTA         |   |
| A pr      | 26 SOARDI MICHELA        | BUTERA GAIA             | A Single CRISPR-Cas9 Deletion Strategy that Targets the Majority of DMD Patients Restores Dystrophin Function in hiPSC-Derived h                        |
| MAY       | 3 FRANCIA SIMONA         |                         | Breathing control center neurons that promote arousal in mice   |
| A pr      | 10 LISHU GUO             | ANTONUCCI SALVATORE     | Fasting-Mimicking Diet Promotes Ngn3-Driven $\beta$ -Cell Regeneration to Reverse Diabetes  |
| A pr      | 17 LAQUATRA CLAUDIO      | BARALDO MARTINA         | The Hippo Pathway Kinases LATS1/2 Suppress Cancer Immunity  |
|           | 19 MASET ANDREA          | HATOS ANDRAS            | Diazepam Binding Inhibitor Promotes Stem Cell Expansion Controlling Environment-Dependent Neurogenesis  |
| A pr      | 24 GALBER CHIARA         | CAMPO ANTONIO           | Hypoxia induces heart regeneration in adult mice  |
| A pr      | 26 FALCONIERI ANTONELLA  | DI MARCO GIULIA         | ApoE2, ApoE3, and ApoE4 Differentially Stimulate APP Transcription and Ab Secretion   |
| A pr      | 31 TEZZE CATERINA        | CARRARO MARCO           | Liver-Specific Activation of AMPK Prevents Steatosis on a High-Fructose Diet  |
| JUNE      | 7 VAJENTE NICOLA         | FENO SIMONA             | Reticulon 3-dependent ER-PM contact sites control EGFR nonclathrin endocytosis  |
| A pr      | 14 SCREMIN ELENA         | GASPARINI ALESSANDRA    | GRASP1 Regulates Synaptic Plasticity and Learning through Endosomal Recycling of AMPA Receptors   |
| A pr      | 21 GOLDONI GIACOMO       | GEFFNER SMITH ALESSANDR | Glutathione Primes T Cell Metabolism for Inflammation   |
| A pr      | 28 TROIANO CARMEN        | PRANDO VALENTINA        | The Ubiquitin Ligase CHIP Integrates Proteostasis and Aging by Regulation of Insulin Receptor Turnover  |
| JULY      | 5 HATOS ANDRAS           | REQUIE LINDA MARIA      | Tardigrades Use Intrinsically Disordered Proteins to Survive Desiccation  |
| D         | 19 BUTERA GAIA           | ROSSI ALICE             | Hepatic mTORC1 Opposes Impaired Insulin Action to Control Mitochondrial Metabolism in Obesity   |
| D         | 26 QUAGLIA FEDERICA      | ZANETTI GIULIA          | Integrated genomic and molecular characterization of cervical cancer  |