



JOURNAL CLUB SCHEDULE
A.A. 2015-16

DATE	SPEAKER	OPPONENT	PAPER	
JANUARY	13	ANGIONI ROBERTA	AGOSTINI MARIO	Dynamic Endothelial Cell Rearrangements Drive Developmental Vessel Regression
	20	ANTONUCCI SALVATORE	ARMANI ANDREA	Disruption of O-linked N-Acetylglucosamine Signaling Induces ER Stress and b Cell Failure
	27	BARALDO MARTINA	BARILANI MARIO	Activation of mTORC1 in skeletal muscle regulates whole-body metabolism through FGF21
	29	CAMPO ANTONIO	BASSOT CLAUDIO	Non-lethal Inhibition of Gut Microbial Trimethylamine Production for the Treatment of Atherosclerosis
FEBRUARY	3	CARRARO MARCO	COSTINITI VERONICA	Suppression of Nucleotide Metabolism Underlies the Establishment and Maintenance of Oncogene-Induced Senescence
	10	DI MARCO GIULIA	DESHWAL SONI	Autophagy maintains stemness by preventing senescence
	17	FENO SIMONA	FAVARO GIULIA	p75 Neurotrophin Receptor Regulates Energy Balance in Obesity
	24	GASPARINI ALESSANDRA	GHERARDI GAIA	A Mouse Model of X-linked Intellectual Disability Associated with Impaired Removal of Histone Methylation
	26	GEFFNER SMITH ALESSANDRA	GRISARD ELEONORA	Endogenous opioids contribute to insensitivity to pain in humans and mice lacking sodium channel Nav1.7
MARCH	2	PRANDO VALENTINA	CARRARO MARCO	PPAR- δ is repressed in Huntington's disease, is required for normal neuronal function and can be targeted therapeutically
	9	REQUIE LINDA MARIA	LA SPINA MARTINA	Learning enhances the relative impact of top-down processing in the visual cortex
	16	RIGOTTO GIULIA	LOCONTE VALENTINA	Brain tumour cells interconnect to a functional and resistant network
	23	ROSSI ALICE	MAIORANI ORLANDO	AMP-activated protein kinase mediates mitochondrial fission in response to energy stress
	30	ZANETTI GIULIA	LIA ANNA MARIA	Activation of Necroptosis in Multiple Sclerosis
APRIL	6	PIZZI MARCO	CRIVELLARO GIOVANNA	The FOXO1 Transcription Factor Instructs the Germinal Center Dark Zone Program
	15	FRANCO ROMERO ANAIS	SERAFINI ANNALISA	Voluntary Running Suppresses Tumor Growth through Epinephrine- and IL-6-Dependent NK Cell Mobilization and Redistribution
	20	SCALCON VALERIA	ANGIONI ROBERTA	The GTPase ARF6 Controls ROS Production to Mediate Angiotensin II-Induced Vascular Smooth Muscle Cell Proliferation
	27	BORTOLOTTO RAISSA	HIRSH MARTINEZ LAYLA	Jagged 1 Rescues the Duchenne Muscular Dystrophy Phenotype
MAY	4	CRIVELLARO GIOVANNA	BARALDO MARTINA	Gq-DREADD Selectively Initiates Glial Glutamate Release and Inhibits Cue-induced Cocaine Seeking
	11	LIDRON ELISA	FENO SIMONA	A Krebs Cycle Component Limits Caspase Activation Rate through Mitochondrial Surface Restriction of CRL Activation
	18	PALADIN LISANNA	ANTONUCCI SALVATORE	In Silico Generation of Peptides by Replica Exchange Monte Carlo: Docking-Based Optimization of Maltose-Binding-Protein Ligands
	25	LIA ANNA MARIA	NORANTE ROSA PIA	Hippocampal Somatostatin Interneurons Control the Size of Neuronal Memory Ensembles
JUNE	8	SOARDI MICHELA	CAMPO ANTONIO	In vivo genome editing improves muscle function in a mouse model of Duchenne muscular dystrophy
	15	MASET ANDREA	GASPARINI ALESSANDRA	Enhanced GABA Transmission Drives Bradykinesia Enhanced GABA Transmission Drives Bradykinesia
	22	FRANCIA SIMONA	PRANDO VALENTINA	A Family of non-GPCR Chemosensors Defines an Alternative Logic for Mammalian Olfaction
	29	LISHU GUO	GEFFNER SMITH ALESSANDRA	Rationale for co-targeting IGF-1R and ALK in ALK fusion-positive lung cancer
JULY	1	BARILANI MARIO	ROSSI ALICE	Mitochondrial ROS Produced via Reverse Electron Transport Extend Animal Lifespan
	6	ARMANI ANDREA	ZANETTI GIULIA	A branched-chain amino acid metabolite drives vascular fatty acid transport and causes insulin resistance
	13	AGOSTINI MARIO	REQUIE LINDA MARIA	Glycolytic Enzymes Localize to Synapses under Energy Stress to Support Synaptic Function
	20	BASSOT CLAUDIO	RIGOTTO GIULIA	Immobilization of the N-terminal helix stabilizes prefusion paramyxovirus fusion proteins
	27	COSTINITI VERONICA	PIZZI MARCO	Reprogramming Tumor-Associated Macrophages by Antibody Targeting Inhibits Cancer Progression and Metastasis
SEPTEMBER	2	DESHWAL SONI	RODELLA UMBERTO	Unconventional secretion of misfolded proteins promotes adaptation to proteasome dysfunction in mammalian cells
	7	FAVARO GIULIA	FRANCO ROMERO ANAIS	Imbalanced OPA1 processing and mitochondrial fragmentation cause heart failure in mice
	16	GHERARDI GAIA	SCALCON VALERIA	A Secreted Slit2 Fragment Regulates Adipose Tissue Thermogenesis and Metabolic Function
	21	GRISARD ELEONORA	PALADIN LISANNA	Multi-organ Site Metastatic Reactivation Mediated by Non-canonical Discoidin Domain Receptor 1 Signaling

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	28	HIRSH MARTINEZ LAYLA	SOARDI MICHELA	Sequence Determinants of Intracellular Phase Separation by Complex Coacervation of a Disordered Protein
OCTOBER	5	LA SPINA MARTINA	OTTAVIANI DANIELE	Maternal Rest/Nrsf Regulates Zebrafish Behavior through snap25a/b
	19	LOCONTE VALENTINA	BORTOLOTTI RAISSA	A sulfur-based transport pathway in Cu ⁺ -ATPases
	26	NORANTE ROSA PIA	LIDRON ELISA	Tunneling nanotubes spread fibrillar α -synuclein by intercellular trafficking of lysosomes
	28	MAIORANI ORLANDO	DI MARCO GIULIA	p62, Upregulated during Preneoplasia, Induces Hepatocellular Carcinogenesis by Maintaining Survival of Stressed HCC-Initiating Cells
NOVEMBER	4	OTTAVIANI DANIELE	MASET ANDREA	Identification and Correction of Mechanisms Underlying Inherited Blindness in Human iPSC-Derived Optic Cups
	9	RODELLA UMBERTO	FRANCIA SIMONA	ESCRT III repairs nuclear envelope ruptures during cell migration to limit DNA damage and cell death
	16	SERAFINI ANNALISA	LISHU GUO	Impairment of chaperone-mediated autophagy induces dopaminergic neurodegeneration in rats