Abdallah, Kyrillos Massively parallel assay for cap-indep by human 5' UTRs identifies potent se secondary structure	endent ribosome recruitment quences with extensive RNA	65
Akirtava, Christina Unraveling the roles of 5' transcript le	Presenter: McManus, Joel aders in gene regulation	66
Aksoylu, Inci Sevval Transcriptome-wide alterations in mRI cancer subtypes	NA translation define breast	67
Albers, Suki tRNA-based therapies for treatment of	Presenter: Ignatova, Zoya f hereditary diseases	68
Aldrich, Anne Stress-dependent stalling of early rRN balance between ribosomal protein an		69
Aleksandrova, Elena Structural basis of Cfr-mediated antim mechanisms for its evasion	Presenter: Polikanov, Yury icrobial resistance and	70
Aleksic, Milan Ribosome-bound Ebp1 structure reversegments in the recruitment of methic proteins to the ribosomal exit tunnel		71
Andreev, Dmitry E. Community-driven guidelines for repodual-reporter experiments	Presenter: Loughran, Gary F. orting and interpreting	72
Antignano, Ignazio Microglia priming in ageing is potentia increased translation	ated by mTOR-dependent	73
Arora, Gantavya Effect of post-transcriptional modifica mitochondrial codon recognition	tions of tRNAMet on	74

Awad, Silina	Presenter: Cooke, Amy	
Post-transcriptional control RNA-binding protein YBX3 i	l of amino acid transporters by the in skeletal muscles	75
Ayyub, Shreya Characterization of the mult protein Shiftless	tifunctional antiviral innate immunity	76
	s-related long-term synaptic plasticity an ugh promoting NMDA receptor signaling	
Bahena-Ceron, Roberto Translational control in Stap tRNA modifications in stress	phylococcus aureus: role of rRNA and as adaptation	78
Bail, Celine Characterization of human r ribosome recycling factors	mitochondrial translation elongation and mtEFG1 and mtEFG2	d 79
Balasubramaniam, Karthika Ciliary dynein motor protein	n complex assembly	80
Balla, Till The dynamics of cytoplasm environmental stress	nic tRNA pools in human cells during	81
Bao, Letian Rate-limiting hydrolysis in r ester activation	ribosomal release reactions revealed by	82
Bartomeu, Anna Neuronal-specific microexo	on mis-splicing in translation regulation	84
Bar-Yosef, Hagit Co-translational interface fo complexes	ormation in N-terminal acetyltransferase	83

Batchelder, Jake The epithelial-to-mesenchymal transition mediates a unique, drug sensitive translation program		85
Baudin-Baillieu, Agnes rRNA 2'-O-methylation modulation co the Yeast ribosome	ontrols translational properties of	86
Beening, Anna A single nucleotide 5'UTR variant in repression and Alagille syndrome	Presenter: Bohne, Jens JAG1 results in translational	87
Bencun, Maja Folliculin is regulated by uORFs to p lysosomal biogenesis during cardiac		88
Benner, Brittany Role of FGF2 mRNA 5' UTR three-hel cap-independent translation	lix junction motif in	89
Bock, Lars V. Mechanisms of ribosome stalling and simulations	d unstalling studied by MD	90
Bose, Priyanka The search for alternative mechanism Leishmania	ms driving translation in	91
Bozko, Maria Premature translation termination or Saccharomyces cerevisiae	n sense codons in the yeast	92
Braun, Jörg	Presenter: Braun, Jörg; Thran, Mor	itz
mRNA sequence parameters and for mRNA therapeutics performance	mulation optimizations increase	93
Bryant, Owain The distinct translational landscapes Gram-negative bacteria	Presenter: Chung, Betty s of Gram-positive and	94

Casillas Serra, Carlos Deciphering the role of the RNA-binding activity of PDIA6, an oxido-reductase of the ER-lumen	95
Chamois, Sébastien In vivo characterisation of translational regulation through a re-initiating uORF in Clock, encoding a core protein in circadian timekeeping	96
Chan, Lewis Evolution of drug-binding residues in eukaryotic ribosomes	97
Chandrasekaran, Viswanathan Specific recognition and ubiquitination of translating ribosomes by mammalian CCR4-NOT	99
Christensen, Lana Dynamic assembly of the Ccr4-Not complex onto the actively translating mRNP	100
Chuang, Cheng-Hsiang Insights into different disintegrins in integrin recognition and inhibition of tumor migration and angiogenesis	101
Chuang, Work-Jer Design of integrin-specific drugs for cancer and ischemia	102
Ciocia, Annagiulia CSDE1 isoforms in tumor progression and suppression	103
Condé, Lionel Translation of SARS-CoV-2 gRNA is extremely efficient and competitive despite a high degree of secondary structures and the presence of an uORF	104
D'Agostino, Mattia Structural and molecular characterization of the long non-coding RNA Lent	105

Delbridge, Kara Multi-color single molecule tracking of translation readthrough on vitamin D receptor in live cells	106
Di Palma, Francesco Unraveling the hinges of the translational stalling mechanism induced by the human XBP1u arresting peptide	107
Diamond, Paige Presenter: Freitas, Anna Investigating the function of elF2A in cap-independent translation initiation	108
Diehl, Frances RNF10-mediated ubiquitylation of uS3 and uS5 facilitates 40S subunit depletion during starvation	109
Doherty, Hannah SMARCA4 loss in endometrial cancer cells induces the senescence associated secretory phenotype and dedifferentiation concomitant with alterations to the translational machinery	110
Eggers, Cristian Ribosome associated quality control, integrated stress response and heat shock response synergistically maintain proteostasis in response to codon-specific translation defects	111
Ekemezie, Chinenye Evolution of drug-binding residues in bacterial ribosomes	112
Ero, Rya Presenter: Leppik, Margus Illuminating the significance of ribosomal RNA modifications	113
Ettles, James Selective ribosome profiling of CCR4-NOT subunit CNOT3 for the identification of bona-fide nonoptimal codons transcriptome wide	114
Fabret, Celine Identification of a new RQC2 mutation preventing peptide release from stalled ribosomes	115

Felletti, Michele Recoding events in the proximity of st	cop codons	116
Ferrer Caelles, Anna Post-transcriptional control in epidern tumorigenesis by the RNA-binding pro		117
Filbeck, Sebastian Bacterial ribosome collision sensing because	oy a MutS DNA repair ATPase	118
Fragale, Giuseppe Surviving under pressure: translations response to mechanical stress in canonical stress in canonical stress.		119
Fujiwara, Toru Nutrient specific growth and translation protein mutants of Arabidopsis thalian heterogeneous ribosomes		120
Fukuda, Hirofumi Nutrient specific growth and translation protein mutants of Arabidopsis thalian heterogeneous ribosomes		121
Furney, Alexandra Effect of hypoxia on the structure of Fregion	IIF1A mRNA 5' untranslated	122
Gabrielli, Sara Conformational dynamics of Elongation	on Factor G: an in silico study	123
Gao, Lexi Selective gene expression maintains I during differentiation	Presenter: Nedialkova, Danny D. numan tRNA anticodon pools	124
Gayen, Aranyadip Interaction of the eIF2β zinc-binding d interface promotes tRNAi binding	Presenter: Alone, Pankaj omain to the eIF2γ GTP binding	125

Gerritsen, Manouk Oxidative stress responses of the RNA-binding proteins PCBP1 and SERBP1		126
Giacomelli, Chiara Larp1, the master regulator of TOP mRI proliferation by regulating translation of		127
Girdhar, Mahima Optimization of ribosome utilization in	Presenter: Sharma, Ajeet Kumar Saccharomyces cerevisiae	128
Gödert, Tim Binding of glycyl-tRNA synthetase to the mengovirus translation	Presenter: Niepmann, Michael ne 3´UTR stimulates	129
Gonzalez, Asier Translational landscape of human hepa	ntocellular carcinoma	130
Goyal, Vaishali Ribosome pausing during elongation in	n human translation system	131
Grimins, Autumn Assembling an Auxin-inducible Degron requirements for NNS virus mRNA Tran		132
Grosso, Stefano Compartmentalized mRNA biology by s	ubcellular footprinting	133
Grove, Daisy Increased levels of eIF2A inhibit translaribosomal subunits	Presenter: Kearse, Michael ation by sequestering 40S	134
Grzela, Renata N2-modified cap analogues – a modific translation process	ation that provides efficient	135
Guca, Ewelina N6-methyladenosine in 5' UTR provides translation initiation complex	Presenter: Alarcon, Rodrigo subtle stabilization of the	136

Guitart, Tanit Understanding CSDE1 function in cancer through its protein interactome	
Gupta, Jitesh Inflammatory cytokines regulates one-carbon metabolism in human corneal epithelium	138
Gupta, Nidhi RPS14 interaction with mRNA and rRNA controls the accuracy of start codon selection by translation pre-initiation complex	139
Haase, Nadin Presenter: Rudorf, Sophia Expanding the scope of bulk experiments by ensemble signal decomposition	140
Hadziabdic, Leila Expanding the proteome: alternative ribosome rescue as a novel translational regulatory system	141
Häggström, Sara Target of Rapamycin (TOR) mediates translational regulation in Arabidopsis cell culture	142
Helena Bueno, Karla Life on ice: the atomic structure of psychrophilic ribosomes	143
Herrmannová, Anna Downregulation of elF3d and elF3e decreases expression of key components of the activated MAPK/ERK signaling pathway	144
Herrmannová, Anna Presenter: Pospíšilová, Klára Downregulation of elF3d and elF3e increases expression of ribosomal proteins	145
Herviou, Pauline The Ccr4-Not complex controls the translation and localization of er-targeted mRNAs and impacts extracellular matrix deposition in liver fibrosis	146

Hochstöger, Tobias Distinct roles of LARP1 and 4EBP1/2 in regulating translation and stability of 5'TOP mRNAs	
Hollerer, Ina A map of RNA binding proteins required for endosomal RNA-transport in neurons	148
Holm, Carl Mikael mRNA decoding in human is kinetically and structurally distinct fr bacteria	om 149
Holvec, Samuel Presenter: Klaholz, Bruno P. Structure of the human 80S ribosome at 1.9 Å resolution – the molecular role of chemical modifications and ions in the RNA architecture	150
Hong, Hea Jin Single-molecule dynamics and regulation of ribosome scanning o eukaryotic messenger RNAs	n 151
Huang, Wenya Control of the hepatitis B virus large surface protein expression by hepatocyte nuclear factor 1A in hepatoma	y 152
Hung, Victoria Development of a label-free methodology for ribosome enrichmen reveals tissue-specific ribosomes involved in neurodevelopment	t 153
Huso, Vienna In vitro reconstitution of ZAK-mediated MAPK signaling during ribotoxic stress response	154
Ikeuchi, Ken Structural basis of ribosomal ubiquitination, recognition and deubiquitination for translation regulation in yeast	155
Imamichi, Tomoya Presenter: Naito, Satoshi What determines the strong vs weak translation arrest: pulse-translation/mathematical model fitting analysis of ribosome stalling systems in eukaryotes	156

Irshad, Inayat Ullah		
Accurate measurement of translation stoichiometric protein synthesis in E.		157
lshibashi, Kota Comprehensive analysis of ribosome No-go decay targets in Zebrafish	associated quality control and	158
lshibashi, Kota No-go decay dampens zinc finger pro	Presenter: Mishima, Yuichiro tein mRNAs in vertebrates	159
lyer, Kaushik Discovering a novel regulator of CAT-	Presenter: Winz, Marie-Luise tails	160
Jadhav, Dinesh Clock-driven RNA-interactome; implic significance	ations and physiological	161
Jain, Sakshi Modulation of translational decoding	by m6A modification of mRNA	162
Jana, Sujata Transcriptional-translational conflict i transformation and cancer progressio		163
Jendruchová, Kristína Novel cis- and trans-acting factors inf S. cerevisiae	luencing translational control in	164
Johnston, Ryan Exploring mechanisms of host transla Stomatitis Virus matrix protein	ntion inhibition by Vesicular	165
Jörg, Marko N1-methylation of adenosine (m1A) in dysfunction in Alzheimer's disease	Presenter: Friedland, Kristina ND5 mRNA leads to complex I	166
Jovanovic, Predrag The unexpected role of 4E-BPs in pro metastasis	moting breast cancer	167

Jungers, Courtney Cell-specific contribution of AU-rich e expression	lements and AUF1 on gene	168
Jungfleisch, Jennifer Ras transformation modulates elF2A t model	function in a melanoma cell	169
Jurgens, Anouk mTOR regulates cytokine production	in T cells through the 3'UTR	170
Kajjo, Sam PABPC plays a critical role in mTOR-n TOP mRNAs	nediated translational control of	171
Kansara, Laveena Stop codon readthrough in Drosophila	a melanogaster	172
Kapral, Thomas Widespread autogenous mRNA-protei CLIP-seq	Presenter: Zagrovic, Bojan in interactions detected by	173
Kaya, Selay	Presenter: Forcelloni, Sergio; Kaya, Selay	
Consequences of targeted tRNA pertuand protein homeostasis in yeast	,	174
Kemper, Danielle Temperature control over polyA track frameshifting in E.coli and human gen		175
Kibe, Anuja The translational landscape of HIV-1 in	Presenter: Caliskan, Neva nfected cells	176
Kim, Jin Yeong Stress-induced changes in 5' end regumRNA	ulatory structures of the TP53	177
Kim, Jinyoung Dissecting gene regulatory networks in CRISPRi and barcoded expression representations.		178

Kolosova, Olga Structural insights into drug-induced ribosome intersubunit rotation and its role in enhancing stop-codon readthrough	179
Kompatscher, Maria tRNA superwobbling - impact of tRNA sequence and modifications on decoding of synonymous glycine codons	180
Kopetschke, Sophie Translation in a thermophilic eukaryote visualized in situ using cryo-electron tomography	181
Krajewska, Milena Interactions of PNRC1 protein with proteins of the decapping complex	182
Krüger, Annika Mitochondrial translation termination at non-canonical stop codons	183
KUMAR, NIRAJ Presenter: Kaushal, Prem The unique mode of mycobacterial ribosome hibernation under hypoxia stress	184
Kute, Preeti Mapping the translational landscape using ribosome complex profiling sequencing in cancer metastasis	185
Labaronne, Emmanuel Presenter: Ricci, Emiliano Extensive uORF translation from HIV-1 transcripts conditions DDX3 dependency for expression of main ORFs and elicits specific T cell immune responses in infected individuals	186
Lahree, Aparajita The role of endosomal localization in Hepatocyte physiology: insights into spatial regulation of translation under pressure	187
Lattanzio, Maria Valeria Binding or not binding? Investigating the role of RNA-binding proteins in T cell stimulation	188

Lauria, Fabio Reallocation of ribosomes as a diseas Lateral Sclerosis	e mechanism in Amyotrophic	189
Leclercq, Marine Uncovering mRNA translational deper modifications: an Al-based approach	ndency towards tRNA	190
Lee, Min Gyu elF3D RIP-seq identifies its mitotic RN	A interactome.	191
Leesch, Friederike Structural and proteomic characteriza system in zebrafish	tion of the dual ribosome	192
Lewis, Esther Ribosome profiling for the identification stimuli	on of novel CPuORFs and their	193
Li, Li Structural basis for GDP exchange in	Presenter: Gagnon, Matthieu release factor RF3	194
Li, Sihan Collision-induced destruction of functional ribosomal subunits		195
Liauzun, Mehdi Translation meets cytokine exchanges of IFNg and IDO1 in a novel subtype o adenocarcinoma		196
Lilja, Anna Elucidating the roles of m6A rRNA mo	difications in viral infection	197
López-Ulloa, Brenda HnRNPA1, hnRNPK, and HuR differen within the HTLV-1 sense and antisense		198
Loughran, Gary F. A conserved overlapping uORF in the composition of CCR4-NOT complexes		199

Loveland, Anna Structural insights into angiogenin activation	200
Luginbühl, Jonas Presenter: Ziegelmüller, Jana A human cell-free screening system to identify translation inhibitors	201
Lukaszewicz, Maciej R. Analysis of Nudt15 NUDIX hydrolase activity in vitro on methylated guanosine mononucleotides	202
Madern, Max Ultra-long tracking of individual translating ribosomes uncovers translation elongation kinetics and inter-ribosome coordination	203
Makarova, Nadezhda Detection and characterization of stop codon readthrough in insects	204
Malumbres, Marina Understanding translational control in drug-tolerant cancer cells	205
Martin Morales, Lorena Presenter: Rapino, Francesca tRNA dynamics shapes intestinal cancer stem cell phenotypes	206
Martínez-Herráez, Carolina Characterizing the 40S-LARP1 complex in a ribosome biogenesis addicted cancer	207
Marx, Ailie Is synonymous coding not-so-silently shaping local protein structure?	208
Mazzola, Michael Differential IRES-mediated protein translation in hematopoiesis	209
Meurs, Romane Insights on uORF regulation from a MCTS1-DENR-dependent in vitro re-initiation assay	210

Mikl, Martin A massively parallel reporter assay for translational control maps the regulatory landscape of neuronal 3'UTRs	211
Miletínová, Petra Stops making sense - lessons from the tRNA anticodon stem	212
Miller, Sarah Proteomics reveals the SRP-dependent proteome and secretome in human cells	213
Minami, Atsushi Relationship between domain and function of the yeast RNase T2, Rny1p, which mediates rRNA degradation upon starvation	214
Miscicka, Anna Ribosomal collision is not a strict prerequisite for ubiquitination and disassembly of mammalian ribosomal complexes by ZNF598 and ASCC	215
Monogue, Brendan Multiomics analysis of mTOR translational regulation in aged microglia	216
Moore, Marten Chloroplast retrograde signalling as regulator of translation	217
Morici, Martino Structural elucidation of a novel translational stalling mechanism regulating gene expression	218
Nadimpalli, Hima Priyanka A functional study of ribosome pausing during translation elongation	219
Naeli, Parisa The SARS-CoV-2 protein NSP2 impairs interferon production by co-opting the microRNA-mediated translational repression machinery	220
Niederer, Rachel Uncovering novel translational control elements within 5'-UTRs	221

Niu, Shuangshuang	Presenter: Niu, Shuangshuang; Chitoiu, Leona	
In vitro reconstitution of human RQT dissociation reaction	*	222
Noble, Michelle Mitochondrial malate dehydrogenase RNA-binding protein: facets and fund		223
Nurullina, Liliia Structural insights into the avian 80S	ribosome from Gallus gallus	224
Ojima-Kato, Teruyo Newly generated nascent chain accel	lerating translation	225
Ostareck-Lederer, Antje Differential METTL3-dependent RNA activated macrophages	Presenter: Ostareck, Dirk H. m6A methylation in LPS	226
Palmalux, Natasha A novel role of Dead box helicase 1 in	n viral gene expression	227
Papini Gabiatti, Bernardo Two distinct elF4F complexes co-exis undergo inhibition during nutritional		228
Park, Esther B. subtilis MutS2 splits stalled ribosomRNA cleavage	omes into subunits without	229
Paskov Skapik, Ivana Sensing p-elF2□ levels by the elF2B tumorigenesis	complex is vital for colorectal	230
Penchev, Ivan Structural basis of ribosome UFMylat reticulum	tion at the endoplasmic	231

Petrychenko, Valentyn Structural pathway of human translation initiation from codon scanning toward subunit joining	232
Polacek, Norbert Ribosome-associated tRNA fragments as versatile translation modulators	233
Põldes, Anett Presenter: Tamm, Tiina Impact of rRNA modifications in the ribosomal peptidyl transferase center region on the functionality of budding yeast ribosome	234
Popovic, Branka Presenter: Wolkers, Monika C. Intricate global translation regulation upon T cell activation	235
Post, Sean Deciphering a genetic abnormality in AML that reveals impaired protein translation	236
Prilepskaja, Terezie elF3 at the tip of the start codon recognition process in humans	237
Ramirez, Christian Snomatcher: identification of candidate guide snornas for newly-discovered 2'-o-methylations	238
Rana, Aishwarya Translation regulation tunes stress adaptation in Candida glabrata	239
Ravi, Venkatraman Exploring the RNA-binding functions of the human fatty acid synthase	240
Reimao-Pinto, Madalena Uncovering the roles of 5' UTRs in translational control during early zebrafish embryogenesis	241
Reinert, Patricia elF5A dysregulation in hepatocellular carcinoma and fibrosis: translational mechanisms and theraputic prospects	242

Posters A-Z

Ribeiro Freire, Eden Translation initiation elF4F-like complex involves response in parasitic protozoa	ved in nutritional stress	243
Roithova, Adriana Regulation of initiation of translation during T	cell activation	244
Roiuk, Mykola PRRC2 proteins impact translation initiation b scanning	y promoting leaky	245
Rosa Mercado, Nicolle Stabilization of select transcripts in response	to ribosome collisions	246
Rosina, Alessia Functional roles of rRNA expansion segments regulation	in yeast for translation	247
Ruscica, Vincenzo Alphavirus replication is fed by XRN1-mediate	d mRNA degradation	248
Russell, Paul Deciphering mechanisms of ribosome turnove inhibition of translation elongation in mammal		249
Rybak, Mariia Structural basis for AUG avoidance in bacteria lysidine-modified tRNAlle	a by the	250
Saito, Hironori Pateamine A mediates selective translational r anchoring elF4A to GNG motifs	repression by	251
Samuels, Tamsin Two distinct waves of transcription and transle stem cell differentiation	ation drive germline	252
Santana da Silva, Renata Present Structural characterization of the interaction beIF4E/eIF4G complex from Trypanosoma bruc		P. 253

Sarbanes, Stephanie Mechanism and function of co-transla in the human neuron	tional tubulin transcript decay	254
Scagliola, Alessandra eIF6 phosphorylation is a physiologica availability critical for selective translated developmental processes		255
Schacherl, Magdalena A cautionary note: antibiotic detection reconstituted translation systems from cryo-EM		256
Schepetilnikov, Mikhail V. Translational reprogramming of plant root growth upon high light stress		257
Schlusser, Niels Quantitative reconstruction of translate	tion remodeling in liver cancer	258
Schneider-Poetsch, Tilman A sequence-context specific modulator	or of eIF5A activity	259
Schoth, Julian Targeting functional RNA structures d coronaviruses	uring translation in	260
Seely, Savannah Time-resolved cryo-EM elucidates the mechanism of ribosome recycling by HflXr		261
Segura, Inmaculada Visualizing local translation of PINK1	at mitochondria	262
Serafini, Martina Translational landscape of MAP3K8/MEK signaling in ovarian cancers: impact on cell metabolism and chemosensitivity		263

Sfakianos, Aristeidis Hypusination inhibition leads to sequential elongation and initiation blocks and modulation of direct and indirect eIF5A targets	264
Sheikh, Arsheed TOR-C1 axis regulates plant-PGPB interaction	265
Shin, Byung-Sik GTPase eIF5B controls late checkpoint to ensure fidelity of start site selection during translation initiation	266
Shin, Sauyeun Presenter: Martineau, Yvan Decoding the translatome of pancreatic cancer: identifying a serine-dependent subtype under metabolic relationships with CAFs	267
Shiriaev, Dmitrii The role of ybey in human mitochondrial ribosome	268
Sieber, Alina From stalling to success: discovering the role of EfpL in efficient protein synthesis in bacteria	269
simms, nicole Revealing the subcellular localisation of 'forgotten' RNA damaging drugs	270
Simoes Krockenberger, Matthias Eap1, a potential 4E-BP involved in stress granule formation in S. pombe	271
Sinha, Niladri Negative feedback regulation of UV-induced ribotoxic stress response controls programmed cell death	272
Sjövall, Daniel Defective ribosome assembly impairs leukemia stem cell function in a murine model of acute myeloid leukemia	273

Slobodin, Boris The translational regulation exerted by SARS-CoV-2 for inhibiting host mRNAs and promoting viral transcripts	274
Smith, Madeleine RNA transport in angiogenesis: deciphering mechanisms of RNA localisation to understand blood vessel growth	275
Sohier, Thibault Presenter: Morris, Christelle Quantitative mass spectrometry of affinity-purified ribosomes uncovers ribosome interactome specialization during viral infections	276
Sol, Stefano Presenter: Boncimino, Fabiana YBX1 is a negative regulator of post-transcriptional program associated to EMT, invasion and metastasis in cSCC	277
Stankiewicz-Drogon, Anna Efficient translation of ARCA analog-capped mRNA in human mesenchymal stem cells	278
Stemwedel, Katharina Presenter: Haase, Nadin A bioinformatic analysis of ribosomal variants in experimentally evolved irradiation resistance	279
Su, Dan Role of elF3f in mRNA-selective translation in muscle and neurons	280
Subrtova, Adriana Cryo-EM structures of Trypanosoma brucei gambiense ISG65 with human complement C3 and C3b and their roles in alternative pathway restriction	281
Swirski, Michal RiboCrypt: a multi-level browser for the exploration of ribosomal occupancy	282
Szkop, Krzysztof J. Anota2seqUtils integrates mRNA regulatory features and implicates 3'UTR traits in translational regulation and offsetting	283

Taborsky, David The role of translational regulation in early development and gastrulation	284
Tait, Jack First indications of co-translational misfolding for type-III collagen	285
Tamura, Norito Presenter: Huppertz, Ina Exploring the influence of RNA-binding proteins on citrate metabolism in stem cells	286
Tardivat, Yann Presenter: Martin, Franck SARS-CoV-2 NSP1 is a host ribosome-guided endonuclease	287
Tesina, Petr Molecular basis of elF5A-dependent CAT tailing in eukaryotic ribosome-associated quality control	289
Ticó, Max Translational recoding is missing from genomic annotations: the case of selenoproteins	290
Tierney, Jack RiboSeq.Org Data Portal: unified access to processed and standardised ribosome profiling data and metainformation	291
Timpone, Clelia Uridine-34 tRNA modifications and its involvement in prostate cancer	292
Toh, Hirotaka Anatomy of footprint extension in ribosome profiling reveals a conformational landscape of ribosomes in bacteria	293
Tomuro, Kotaro Absolute calibration of ribosome profiling gauges the dynamics in ribosomal flux on transcripts	294
Ugajin, Nozomi Znf598-mediated Rps10/eS10 ubiquitination contributes to the ribosome ubiquitination dynamics during zebrafish development	295

Valadon, Charlène Presenter: Namy, Olivier A complex interplay between GalQ34 and PSI35 modifications in tyrosine tRNA to fine tune accurate decoding in Human cells	296
VAUCELLE-PAUPELIN, Humbeline Implementation of an orthogonal cysteine translation initiation system in E. coli	297
Vazquez Gonzalez, Amanda Presenter: Wieden, Hans-Joachim Solving the mystery of the highly conserved GTPase HflX and the ribosome, and its role in antibiotic resistance	299
Vazquez, María Magdalena Deciphering novel plant responses to heat stress and nutrient scarcity	298
Venezian, Johannes Diverging co-translational assembly pathways are governed by interface energy distribution	300
Verhagen, Bram High-throughput mutagenesis screens reveal a sequence dependency in translation initiation site selection	301
Vijjamarri, Anil Kumar Decapping enzyme Dcp2 and its activators regulate transcript abundance and translation to tune cellular responses to nutrient availability	302
von Loeffelholz, Ottilie Molecular basis of mRNA Kozak sequence recognition by the ribosome	303
Vopalensky, Vaclav Analysis of the yeast linear plasmid mRNAs revealed unusual addition of the non-template nucleotides to their 5' ends and suggested a novel mechanism of translation initiation	304
Waldron, Joseph Mechanistic determination of the opposing roles of eIF4A1 and eIF4A2 on oncogenic gene expression programs in colorectal cancer models	305

Walsh, Peter Deciphering the role of liquid-liquid phase separation in oncogenic gene expression	306
Wang, Siyu Dynamics of the HemK NTD nascent peptide folding on the ribosome monitored by PET-FCS	307
Wardman, Rhys RNA-binding proteins regulate the post-transcriptional response to TGF- β stimulation to coordinate cell function and mesenchymal activation of mouse cardiac endothelial cells	308
Warrick, Julia Interrogating the RNA topoisomerase activity of the mRNA-binding protein TOP3B	309
Weiss, Benjamin Unravelling the landscape of leaky scanning, its regulation by elF4G1-elF1 and the in vivo conformation rearrangements of the 48S initiation complex	310
Wilinski, Daniel N6-Adenosine methylation controls the translation of insulin mRNA	311
Wolin, Erica Presenter: Jovanovic, Marko SPIDR: a highly multiplexed method for mapping RNA-protein interactions uncovers a mechanism for selective translational suppression upon cellular stress	312
Worpenberg, Lina Quantitative dissection of translation dynamics under nutrient stress	313
Yerby, Cliff Simultaneous binding of aminoglycosides to the ribosome could rationalize the increased bactericidal activity	314
Yi, Sung-Hui Presenter: Liedtke, David Assembly Landscape of Human 43S Preinitiation Complex	315

Yigit, Merve Deciphering the role of the alternative	Presenter: Sendoel, Ataman initiation factor elF2A in cancer	316
Space available Cancelled		317
Yordanova, Martina Triple coding in human SRD5A1 mRNA	A	318
Young, David The nonsense-mediated mRNA decay non-coding RNAs	Presenter: Guydosh, Nicholas pathway degrades regulatory	319
Zadalimomen, Ramin The role of Rps29 in ribosome biogen	esis	320
Zaheed, Oza Analysis of translation of long non-co	ding RNAs	321
Zaninello, Marta RNA binding protein CLUH prevents a involved into maintenance of the axon surveillance		322
Zeman, Jakub Ribosomes are decision hubs for emb	ryonic cell fate and cell identity	323
Zgadzay, Yury E-site specificity of the Candida albica	ans ribosome	324