
**VI Meeting on the
MOLECULAR MECHANISMS OF NEURODEGENERATION**

Salone Pio XII, Casa Cardinale Ildefonso Schuster
Via San Antonio, 5 - 20122 Milano (Italy)
May 28th-30th, 2015

FINAL PROGRAM

Thursday, May 28th, 2015 (Morning)

09:30 Registration

Opening Session

10:00-10:30 Introduction

Angelo Poletti, DiSFeB, CEND, Università degli Studi di Milano (Italy)

Elena Cattaneo, Bioscienze, UniStem, Università degli Studi di Milano (Italy)

Franco Taroni, Fondazione IRCCS Istituto Neurologico "C. Besta", Milano (Italy)

Pietro Di Lorenzo, IRBM, Pomezia (Italy)

Opening lecture

10:30-11:30 **Don W. Cleveland** (USA)

"Gene silencing therapy for human neurodegenerative disease"
Introduced by Franco Taroni (Italy)

Session I: A link between genetic diseases and evolution

Chairperson: Franco Taroni (Italy)

11:30-12:00 **Zakharia M. Frenkel** (Israel)

"Ancient repeats in protein coding sequences"

12:00-12:30 **Miguel A. Andrade-Navarro** (Germany)

"Computational study of the function of polyQ regions in protein interactions"

Lecture A

12:30-13:00 **Alessandra Biffi** (Italy)

"Hematopoietic stem cell based gene therapy for the treatment of lysosomal storage disorders"

13:00-14:00 Lunch

Thursday, May 28th, 2015 (Afternoon)

Session II: Cellular handling of aberrant neurotoxic proteins I

Chairpersons: Christian Behl (Germany), Serena Carra (Italy)

14:00-14:30 **Harm H. Kampinga** (The Netherlands)

"The protein quality control system in the neuroprotection against proteotoxicity"

14:30-15:00 **Leonard Petrucelli** (USA)

"Aberrant accumulation of C9ORF72 hydrophobic dipeptides in Amyotrophic lateral sclerosis"

15:00-15:30 **Ehud Cohen** (Israel)

"Two disorders, one mechanism: the role of cyclophilins in the development of distinct familial neurodegenerative disorders"

15:30-16:00 *Coffee break*

Session III: Cellular handling of aberrant neurotoxic proteins II
Chairpersons: Graziella Cappelletti (Italy)

16:00-16:30 **Anthony Shapira (UK)**

"Genetics of Parkinson Disease: Pathways to Neurodegeneration"

16:30-17:00 **Fabio Blandini (Italy)**

"The proteotoxic response in Parkinson Disease"

17:00-17:30 **Paul Saftig (Germany)**

"Lysosomes in neuronal cells: principles and pathological functions"

Special lecture

17:30-18:30 **Wim Robberecht (Belgium)**

"The ephrin system in neurodegeneration"

Introduced by Caterina Bendotti (Italy)

18:30-19:15 *Selected Oral Presentations: Autophagy and Neurodegeneration*

Chairpersons Caterina Bendotti (Italy), Angelo Poletti (Italy)

OC-1 Merlo P., D'Acunzo P., Cecconi F. (Italy)

"p53 control of autophagy in neurodegeneration"

OC-2 Behl C. (Germany)

"BAG3-mediated selective macroautophagy and RAB3GAP1/2 in autophagy initiation: implications for protein aggregation disease"

OC-3 Engelender S. (Israel)

"PINK1 and synphilin-1 work as a novel mitochondrial pathway important for mitophagy in Parkinson's disease"

19:30 *Welcome Party*

Friday, May 29th, 2015 (Morning)

08:30-10:00 *Selected Oral Presentations: Amyotrophic Lateral Sclerosis*

Chairpersons: Vincenzo Silani (Italy); Davide Trotti (USA)

OC-4 Crippa V., D'Agostino V.G., Adami V., Loffredo R., Rusmini P., Cristofani R., Cicardi M.E., Carra S., Provenzani A., Poletti A. (Italy)

"A high throughput screening to find small molecules inducers of the small heat shock protein B8 expression"

OC-5 Lauranzano E., Pozzi S., Pasetto L., Stucchi R., Massignan T., Paoletta K., Mombrini M., Nardo G., Lunetta C., Corbo M., Mora G., Bendotti C., Bonetto V. (Italy)

"Peptidylprolyl isomerase A governs TARDBP function and assembly in heterogeneous nuclear ribonucleoprotein complexes"

OC-6 Ratti A., Onesto E., Colombrita C., Gumina V., Dusi S., Borghi O., Invernizzi F., Fagiolarini G., Moggio M., Tiranti V., Silani V. (Italy)

"RNA metabolism and mitochondrial functionality in fibroblasts from familial ALS patients"

OC-7 Baralle F., Buratti E., Craganz L., De Conti L. (Italy)

"Functional and structural characterization of TDP 43 and its role in ALS pathogenesis"

OC-8 Bonanno G., Bonifacino T., Cattaneo L., Gallia E., Melone M., Musante I., Vergani L., Conti F., Puliti A., Milanese M. (Italy)

"Group I metabotropic glutamate receptors tune excitotoxicity in amyotrophic lateral sclerosis"

OC-9 Rigoni M., Duregotti E., Negro S., Scorzeto M., Zornetta I., Dickinson B.C., Chang C.J., Montecucco C. (Italy)

"Animal presynaptic neurotoxins provide a relevant model of motor axon terminal degeneration followed by regeneration"

Session IV: RNA/Protein-mediated neurodegeneration and aging
Chairpersons: Antonia Ratti (Italy), Francisco E. Baralle (Italy)

10:00-10:30 **Emanuele Buratti** (Italy)

"Investigating the modulation of TDP-43 pathology by hnRNP nuclear proteins"

10:30-11:00 **Serena Carra** (Italy)

"Characterization of the interplay between the protein quality control and the stress granule response: implication in neurodegenerative diseases"

11:00-11:30 *coffee break*

11:30-12:00 **Udai Bhan Pandey** (USA)

"PURA mitigates FUS toxicity and regulates cytoplasmic stress granule dynamics"

12:00-12:30 **Davide Trotti** (USA)

"Neurotoxicity of C9ORF72-RAN dipeptides in ALS/FTD"

12:30-13:00 **Diane Merry** (USA)

"Aberrant N/C interaction in the androgen receptor. A therapeutic target for Spinal and Bulbar Muscular Atrophy"

13:00-14:00 *Lunch*

Friday, May 29th, 2015 (Afternoon)

13:00-15:00 Poster Session A

Lecture B

15:00-15:30 **Vania Broccoli** (Italy)

"Induced dopaminergic neurons for Parkinson's disease"
Introduced by Elena Cattaneo (Italy)

Session V: Organelles alterations in neurodegeneration

Chairpersons: Diane Merry (USA), Udai Bhan Pandey (USA)

15:30-16:00 **Frédéric Saudou** (France)

"Huntington's disease: huntingtin and the control of intracellular dynamics"

16:00-16:30 **Linda Greensmith** (UK)

"Endoplasmic reticulum stress in motoneuron diseases"

16:30-17:00 *Coffee break*

17:00-17:30 **Valeria Tiranti** (Italy)

"Experimental models for neurodegeneration with brain iron accumulation (NBIA): from pathogenic mechanisms to therapeutic approaches"

17:30-18:00 **Diego De Stefani** (Italy)

"Mitochondria, calcium and neurodegeneration"

18:00-18:30 **Maria Pennuto** (Italy)

"Protein arginine methylation as a major modifier of motor neuron diseases"

18:30-19:30 *Selected Oral Presentations: Friedreich's Ataxia, Alzheimer's and Parkinson's Diseases*
Chairpersons: Carla Perego (Italy)

OC-10 Vannocci T. (UK)

"Understanding disease development in Friedreich's ataxia in a time-resolved way: a new cellular model"

OC-11 Xia D., Watanabe H., Wu B., Lee S.H., Li Y., Tsvetkov E., Bolshakov V.Y., Shen J., Kelleher R.J. III (USA)

"Presenilin-1 knock-in mice reveal loss-of-function mechanism for familial Alzheimer's disease"

OC-12 Filadi R., Greotti E., Turacchio G., Luini A., Pozzan T., Pizzo P. (Italy)

"Presenilin 2 modulates endoplasmic reticulum-mitochondria coupling by tuning the mitofusin 2 antagonistic function"

OC-13 Betzer C., Zheng J., Cali T., Brini M., Gai W.-P., Olsen A., Andersen J.P., Jensen P.H. (Denmark)

"Soluble aggregates of alpha-synuclein bind and activate endoplasmic calcium pump SERCA AND perturb cellular calcium homeostasis"

20:30 Social Dinner

Saturday, May 30th, 2015 (morning)

08:30-10:00 *Selected Oral Presentations: Huntington Disease*

Chairpersons: Elena Cattaneo (Italy), Ignacio Munoz-Sanjuan (USA)

OC-14 Parlato R., Kreiner G., Bierhoff H., Spieth S.T., Naranjo J.R., Liss B. (Germany)

"Dissecting the role of nucleolar stress in Huntington's disease"

OC-15 Bruck W., Gareth J., Zamvil S.S., Yong V.W., Loupe P., Hayardeny L. (Germany)

"Laquinimod, an immunomodulator that reduces immune-mediated inflammation as treatment for Huntington's disease"

OC-16 Biagioli M., Ferrari F., Mendenhall E.M., Zhang Y., Erdin S., Vijayvargia R., Vallabh S.M., Solomos N., Manavalan P., Ragavendran A., Ozsolak F., Lee J.M., Talkowski M.E., Gusella J.F., MacDonald M.E., Park P.J., Seong I.S. (USA)

"Huntingtin function in chromatin regulation"

OC-17 Vernizzi L., Raneli M., Figueiredo M.S., Pasini M.E., Bellosta P. (Italy)

"Autophagy and Glutamate signaling in the onset of Huntington's Disease"

OC-18 Mandal A., Hoop C.L., DeLucia M., Kodali R., Kagan V.E., Ahn J., van der Wel P.C.A. (USA)

"Mitochondrial lipid peroxidation and membrane disruption in apoptosis and neuronal degradation"

OC-19 Ehrnhoefer D.E., Martin D.D.O., Ladha S., Qiu X., Nguyen Y.T.N., Hayden M.R.

"Preventing mutant Huntingtin cleavage at aa586 ameliorates Huntington disease-associated autophagy defects and promotes mutant Huntingtin degradation"

Session VI: Tools to design a cure for neurodegenerative diseases I

Chairpersons: Elena Cattaneo (Italy), Ignacio Munoz-Sanjuan (USA)

10:00-10:30 **Sonja Kleinlogel** (Switzerland)

"Next-generation cell-tailored optogenetic therapy against blindness"

10:30-11:00 **Hilmar Bading** (Germany)

"A regulator of the balance of survival-promoting synaptic versus death-inducing extrasynaptic NMDA receptor signaling"

11:00-11:30 coffee break

Session VII: Tools to design a cure for neurodegenerative diseases II

Chairpersons: Fabrizio Tagliavini (Italy)

11:30-12:00 **Andrea Caricasole** (Italy)

"Post-translational modifications: diagnostic and therapeutic opportunities in neurodegenerative disorders"

12:00-12:30 **Hilal Lashuel** (Switzerland)

"Parkinson's disease: From novel tools to disease mechanisms and therapeutic strategies"

12:30-13:00 **Ignacio Munoz-Sanjuan** (USA)

"Synaptic and circuitry alterations in Huntington's disease"

13:00-14:00 Lunch

Saturday, May 30th, 2015 (afternoon)

13:00-15:00 Poster Session B

*Session VIII: Tools to design a cure for neurodegenerative diseases III
Chairpersons: Angelo Poletti (Italy), Andrea Caricasole (Italy)*

15:00-15:30 **David Rubinsztein** (UK)

"Autophagy and neurodegeneration"

15:30-16:00 **Stefania Corti** (Italy)

"The use of synthetic oligonucleotides to improve motor neuron survival in Spinal Muscular Atrophy"

16:00-16:30 **Francesca Maltecca** (Italy)

"Ca²⁺ influx reduction in Purkinje neurons rescues ataxia in the SCA28 mouse model"

16:30-17:00 **Luca Santarelli** (Switzerland)

"Drug discovery approaches in neurodegeneration"

17:00 Closing Remarks

POSTERS

POSTER SESSION - A

Friday, May 29th, 2015 (Afternoon)

13:00-15:00 Poster Session A

- P-01 - THE FAMILIAL AMYOTROPHIC LATERAL SCLEROSIS ASSOCIATED PROTEIN FUSR495X PERTURBS MOUSE BRAIN TRANSCRIPTOME AND ALTERS SYNAPTIC ACTIVITY IN NOVEL TRANSGENIC MICE
Valori CF, Kerimoglu C, Naumann R, Fischer A, Neumann M,
Presented by: Chiara Valori (Germany)
- P-02 - EXPRESSION OF HUMAN FUS LEADS TO AN IMMATURE FLY PHENOTYPE CAUSED BY MALFUNCTIONING OF CCAP EXPRESSING NEURONS
Jolien Steyaert, Nathalie Wilmans, Wendy Scheveneels, Philip Van Damme, Wim Robberecht, Patrick Callaerts, Elke Bogaert, and Ludo Van Den Bosch,
Presented by: Jolien Steyaert (Belgium)
- P-03 - RNA-BINDING PROTEIN FUS: AN INQUIRY ABOUT ITS FUNCTIONS IN THE DNA DAMAGE RESPONSE.
Lenzken S.C., Loffreda, A., Filosa, G., Ruepp MD., Muhlemann O., Bachi, A., Barabino SML1.
Presented by: Silvia Lenzken (Italy)
- P-04 - TDP-43 PATHOLOGY AND OLIGODENDROCYTES IN ALS
Eykens C, Van Damme P, Van Den Bosch L, Robberecht W.
Presented by: Caroline Eykens (Belgium)
- P-05 - THE ROLE OF MICROGLIA AND INFLAMMATION IN AN ANIMAL MODEL OF ALS
Chiara Rossi, Annamaria Finardi, Andrea Bergamaschi, Roberto Furlan, Angelo Quattrini, Giancarlo Comi, Gianvito Martino and Luca Muzio
Presented by: Chiara Rossi (Italy)
- P-06 - ENANCED AUTOPHAGY REDUCES AR AGGREGATES IN A MUSCLE MODEL OF SBMA
Maria Elena Cicardi, Valeria Crippa, Rita Galbiati, Marco Meroni, Riccardo Cristofani, Paola Rusmini, Angelo Poletti
Presented by: Maria Elena Cicardi (Italy)
- P-07 - MYOCYTE ENHACER FACTOR 2 PATHWAY DISRUPTION IN LYMPHOMONOCYTES OF PATIENTS WITH SPORADIC AND FAMILIAL FORM OF AMYOTROPHIC LATERAL SCLEROSIS
Alessandro Arosio, Gessica Sala, Francesca Gerardi, Virginia Rodriguez-Menendez, Christian Lunetta, Lucio Tremolizzo, Carlo Ferrarese,
Presented by: Alessandro Arosio (Italy)
- P-08 - TGF β 1 EXPRESSION IN ALS MUSCLE AND SPINAL CORD.
Galbiati M., Meroni M., Crippa V., Rusmini P., Cicardi M., Cristofani R., Messi E., Pennuto M., Poletti A.
Presented by: Mariarita Galbiati (Italy)

- P-09 - ROLE OF HECW1 IN ALS
Elena Maspero, Valentina Fajner and Simona Polo
Presented by: Simona Polo (Italy)
- P-10 - THE ROLE OF DYNEIN MEDIATED TRANSPORT IN THE CLEARANCE OF MUTATED ANDROGEN RECEPTOR.
R. Cristofani, E. Giorgetti, V. Crippa, A. Boncoraglio, M.E. Cicardi, M. Meroni, M. Galbiati, P. Rusmini, E. Messi, A. Poletti.
Presented by: Riccardo Cristofani (Italy)
- P-11 - IMAGING BIOMARKERS FOR AMYOTROPHIC LATERAL SCLEROSIS: EXPERIMENTAL STUDY IN A DISEASE MOUSE MODEL SOD1(G93A)
Schiaffino Lorenzo, Bonafede Roberta, Scambi Iliaria, Bontempi Pietro, Busato Alice, Marzola Pasquina, Mariotti Raffaella
Presented by: Lorenzo Schiaffino (Italy)
- P-12 - INHIBITION OF EXTRACELLULAR CYCLOPHILIN A AS A POSSIBLE THERAPEUTIC TARGET FOR AMYOTROPHIC LATERAL SCLEROSIS
Laura Pasetto, Silvia Pozzi, Mariachiara Castelnovo, Massimo Tortarolo, Gunter Fischer, Miroslav Malesevic, Caterina Bendotti and Valentina Bonetto
Presented by: Laura Pasetto (Italy)
- P-13 - THE HYPOTHETICAL INFLUENCE OF ALUMINIUM IN AMYOTROPHIC LATERAL SCLEROSIS: A CASE-CONTROL STUDY.
Elpidio Maria Garzillo, Monica Lamberti, Paola Pedata, Daniela Feola, Francesco D'ancicco, Mariarosaria Muoio, Nicola Sannolo, Maria Rosaria Monsurro', Giuliana Genovese, Nadia Miraglia
Presented by: Elpidio Maria Garzillo (Italy)
- P-14 - SCREENING OF CHCHD10 IN AN ITALIAN COHORT OF ALS/ALS-FTD PATIENTS
Naghia Ahmed, Dario Ronchi, Giulietta Riboldi, Roberto Del Bo, Nicola Ticozzi, Marina Scarlato, Daniela Galimberti, Stefania Corti, Vincenzo Silani, Nereo Bresolin, Giacomo Pietro Comi
Presented by: Naghia Ahmed (Italy)
- P-15 - NICOTINE INDUCES NEUROPROTECTION OF HYPOGLOSSAL MOTONEURONS AGAINST EXCITOTOXICITY
Silvia Corsini and Andrea Nistri
Presented by: Silvia Corsini (Italy)
- P-16 - SYNAPTIC MECHANISMS UNDERLYING THE EXCESSIVE AND PRECOCIOUS GLUTAMATE RELEASE IN THE SPINAL CORD OF SOD1G93A MICE.
Bonifacino Tiziana, Milanese Marco, Musazzi Laura, Treccani Giulia, Onofri Franco, Popoli Maurizio, and Bonanno Giambattista
Presented by: Tiziana Bonifacino (Italy)
- P-17 - GROUP I METABOTROPIC GLUTAMATE RECEPTORS INDUCE EXCESSIVE GLUTAMATE RELEASE IN THE SPINAL CORD OF SOD1G93A MICE
Milanese Marco, Bonifacino Tiziana, Rossi Pia, Pittaluga Anna Maria, Puliti Aldamaria, Usai Cesare, Bonanno Giambattista
Presented by: Marco Milanese (Italy)
- P-18 - UPREGULATION OF EARLY DIFFERENTIATION FACTORS (ID2, SOX2) IN NEUROPATHIC NERVE: PATHOGENETIC OR PROTECTIVE?
Francesca Florio, Cristina Scapin, Emanuela Pettinato, Cinzia Ferri, Maria Laura Feltri, Lawrence Wrabetz, Maurizio D'Antonio
Presented by: Francesca Florio (Italy)

- P-19 - THE ROLE OF P35/CDK5 REGULATION BY THE MIR-15/107 MICRORNA GENE GROUP IN ALZHEIMER'S DISEASE
M. Lunghi, S. Moncini, A.Valmadre, F. Fontana, M. Denti, P. Riva, M.Venturini.
Presented by: Marta Lunghi (Italy)
- P-20 - FTY720 LIMITS ABETA NEUROTOXICITY BY DECREASING FUNCTIONAL NR2B-CONTAINING NMDA RECEPTOR IN HIPPOCAMPAL NEURONS
Pooja Joshi, Martina Gabrielli, Elena Marchello, Fabrizio Gardoni, Michela Matteoli, Claudia Verderio
Presented by: Pooja Joshi (Italy)
- P-21 - THE CHRNA7 AND ITS DUPLICATE ISOFORM, CHRFAM7A, GENE REGULATION AND EXPRESSION IN NEURONAL AND IMMUNE CELL MODEL
A. Maroli, D. Fornasari and R. Benfante
Presented by: Annalisa Maroli (Italy)
- P-22 - LIPOPEROXIDATION IN ALZHEIMER'S DISEASE. SEARCH FOR NEW PROTEINS AFFECTED BY LIPOPEROXIDATION PRODUCT 4-HYDROXYNONENAL.
Oleksii Skorokhod, Agata Notarpietro, Giorgia Mandili, Franco Novelli, Paola Gamba, Gabriella Testa, Gabriella Leonarduzzi, Giorgio Giaccone, Paolo Arese, Evelin Schwarzer
Presented by: Oleksii Skorokhod (Italy)
- P-23 - LIPID-BASED NANOPARTICLES COUNTERACT THE OLIGOMER ABETA TOXICITY AND TAU PHOSPHORYLATION IN AN EX-VIVO BIOMOLECULAR MODEL OF ALZHEIMER DISEASE
Chiara Paola Zoia, Elisa Conti, Adele Ulisse, Virginia Rodriguez-Menendez, Maria Gregori, Maria Silvia Sesana, Massimo Masserini and Carlo Ferrarese
Presented by: Chiara P Zoia (Italy)
- P-24 - CHARACTERIZATION OF A CELLULAR MODEL TO STUDY THE RESPONSE OF AMYLOID-BETA PEPTIDES
Daniela Pignataro, Lucia Maita, Morena Catillo, Donata Orioli, Alessandra Montecucco, Giuseppe Biamonti
Presented by: Daniela Pignataro (Italy)
- P-25 - PERIPHERAL SINK EFFECT AS POSSIBLE NANOTHERAPEUTIC STRATEGY FOR ALZHEIMER'S DISEASE: AN EX VIVO STUDY.
Elisa Conti, Chiara Paola Zoia, Lucio Tremolizzo, Denise Grana, Maria Gregori, Francesca Re, Massimo Masserini, Carlo Ferrarese
Presented by: Elisa Conti (Italy)
- P-26 - A STUDY IN DROSOPHILA AND HUMAN BRAIN TO UNDERSTAND BIOCHEMICAL PROPERTIES THAT CONTRIBUTE TO THE PATHOGENIC ROLE OF AMYLOID BETA IN AD
Maria Luisa Moro, Amrit Mudher, Andrew Phillips, James Nicoll, and Delphine Boche
Presented by: Maria Luisa Moro (UK)
- P-27 - CHF5074 (CSP-1103) INDUCES MICROGLIA ALTERNATIVE ACTIVATION IN PLAQUE-FREE TG2576 MICE AND PRIMARY GLIAL CULTURES EXPOSED TO BETA-AMYLOID.
V. Porrini, A. Lanzillotta, C. Branca, M. Benarese, E. Parrella, L. Lorenzini, L. Calza', R. Flaibani, P.F. Spano, B.P. Imbimbo, M. Pizzi
Presented by: Vanessa Porrini (Italy)
- P-28 - GENE EXPRESSION AND METHYLATION OF TSC1 IN ALZHEIMER'S DISEASE
Nelson Tang, SL Ma, Linda Lam
Presented by: Nelson Tang (China)
- P-29 - MUTANT TRANSGLUTAMINASE 6 MEDIATED TOXICITY: A BASIS FOR NEURODEGENERATION IN SPINOCEREBELLAR ATAXIA 35
Tripathy D., Polanco MJ, Roncador A, Pennuto M, Basso M

Presented by: Debasmita Tripathy (Italy)

P-30 - PREVENTIVE CELL REPLACEMENT STRATEGIES IN A MOUSE MODEL OF PURKINJE CELL DEGENERATION

Fuca' E., Leto K., Rossi F.

Presented by: Elisa Fucà (Italy)

P-31 - GAIN AND LOSS OF FUNCTION MUTATIONS IN ATAXIN-7 CAUSE CILIA DYSFUNCTIONS IN ZEBRAFISH

Karam Alice, Ferreira R Rita, Yeremian Clemence, Tebbe Lars, Weber Chantal, Morle Laurette, Spohner Daniele, Sittler Annie, Wolfrum Uwe, Vermot Julien, And Trottier Yvon

Presented by: Yvon Trottier (France)

P-32 - ANALYSIS OF IPSC-DERIVED DA NEURON SUSCEPTIBILITY TO INFLUENZA AND EXCITOTOXICITY IN NON-AFFECTIVE PSYCHOSIS

Jamileh Ahmed

Presented by: Jamileh Ahmed

P-33 - MUTANT PRP SENSITIZES NEURONS TO EXCITOTOXICITY BY IMPAIRING MEMBRANE DELIVERY AND FUNCTION OF AMPA RECEPTORS

Elena Restelli, Raffaella Morini, Elsa Ghirardini, Assunta Senatore, Manuela Pozzoli, Ilaria Bertani, Michela Matteoli and Roberto Chiesa

Presented by: Elena Restelli (Italy)

P-34 - NOVEL ASSAYS FOR DETECTION AND QUANTIFICATION OF HUNTINGTIN PHOSPHOEPITOPES

Cristina Cariulo, Lucia Azzollini, Lara Petricca, Margherita Verani, Annalisa Ansalon, Zhe-Ming Wang, Hilal Lashuel and Andrea Caricasole

Presented by: Cristina Cariulo (Italy)

P-35 - INTACT MUTANT HUNTINGTIN-EXON1 IS EXCRETED FROM SERTOLI AND MÜLLER CELLS

Marina G. Yefimova, Emile Bere, Anne Cantereau-Becq, Thomas Harnois, Annie-Claire Meunier, Nadia Messaddeq, Frederic Becq, Yvon Trottier, Nicolas Bourmeyster

Presented by: Marina Yefimova

P-36 - HTT PHOSPHORYLATION AND THE NEUROTROPHIN RETROGRADE AXONAL SIGNALING

Chiara Scaramuzzino, Patrick Pla, Rudolph Dard, Frederic Saudou

Presented by: Chiara Scaramuzzino (France)

P-37 - ULTRASENSITIVE MEASUREMENT OF MUTANT HUNTINGTIN IN HUMAN CSF AND RODENT SAMPLES

M. Daldin, V. Fodale, R. Boggio, C. Cariulo, M. C. Spiezia, A. Weiss, Douglas Macdonald, A. Bresciani

Presented by: Manuel Daldin (Italy)

P-38 - BIOCHEMICAL ANALYSIS OF VARIOUS TISSUES FROM TRANSGENIC MINIPIGS FOR N-TERMINAL PART OF HUMAN MUTATED HUNTINGTIN

Daniela Pallova, Zdenka Ellederova, Stefan Juhas, Jan Motlik

Presented by: Daniela Pallova (Czech Republic)

P-39 - MITOCHONDRIAL ALTERATIONS IN TISSUES WITH HIGH ENERGETIC DEMAND IN MINIPIG MODEL TRANSGENIC FOR N-TERMINAL PART OF HUMAN MUTATED HUNTINGTIN

Hanskova H, Spacilova J, Kratochvilova H, Ondruskova N, Rodinova M, Juhas S, Juhasova J, Ellederova Z, Motlik J, Zeman J

Presented by: Hana Hansikova (Czech Republic)

P-40 - EFFECTS OF MOLECULAR CHAPERONES IN FIBROBLASTS FROM PATIENTS WITH SPORADIC PARKINSON'S DISEASE

Giulia Ambrosi, Cristina Ghezzi, Giovanna Levandis, Roberta Zangaglia, Claudio Pacchetti and Fabio Blandini

Presented by: Giulia Ambrosi (Italy)

P-41 - APPROACHES FOR CHOLESTEROL DELIVERY IN THE BRAIN OF MOUSE MODELS OF HUNTINGTON'S DISEASE

Marta Valenza, Eleonora Di Paolo, Jane Y. Chen, Barbara Ruozi, Daniela Belletti, Carlos Cepeda, Michael S. Levine, Giovanni Tosi, Elena Cattaneo

Presented by: Marta Valenza (Italy)

P-42 - EXPRESSION OF PROTEOLYTIC ENZYMES IN THE BRAIN OF MINIPIG TRANSGENIC FOR THE HUMAN MUTATED HUNTINGTIN

Kocurova G, Vochozkova P, Ardan T, Motlik J

Presented by: Gabriela Kocurova (Czech Republic)

P-43 - AN IN VIVO STUDY OF THE IMPACT OF ADAM10 DYSFUNCTION IN HUNTINGTON'S DISEASE

Elisa Battaglia, Paola Conforti, Francesca Talpo, Paul Saftig, Gerardo Biella, Elena Cattaneo, Chiara Zuccato

Presented by: Chiara Zuccato (Italy)

P-44 - MODULATION OF NEURONAL MITOCHONDRIAL DYNAMICS BY HDAC1 AND HDAC6 INHIBITORS

Pedro Guedes-Dias, Tania Soares, Joao de Proenca, Jorge M. A. Oliveira

Presented by: Tânia Soares (Portugal)

P-45 - EVALUATION OF INFLAMMATORY CYTOKINES IN SECRETOME OF MICROGLIAL CELLS AND IN CEREBROSPINAL FLUID IN TRANSGENIC MINIPIG MODEL OF HUNTINGTON'S DISEASE

Ivona Valekova, Karla Jarkovska, Eva Kotrcova, John Bucci, Suresh Jivan Gadher, Stefan Juhas, Jan Motlik, Hana Kovarova

Presented by: Ivona Valekova (Czech Republic)

P-46 - IPSC-DERIVED NEURAL STEM CELL TRANSPLANTATION AS A NEW THERAPY FOR ALS.

Agnese Ramirez, Monica Bucchia, Chiara Simone, Monica Nizzardo, Federica Rizzo, Sara Dametti, Elena Trombetta, Stefania Corti

Presented by: Agnese Ramirez (Italy)

P-47 - INDUCED PLURIPOTENT STEM CELLS FROM HUNTINGTON'S DISEASE PATIENTS SHOW DEFECTS IN THEIR COMMITMENT AND DIFFERENTIATION INTO STRIATAL NEURONS

Conforti P., Fumagalli L., Galimberti M., Colombo L., Cattaneo E.

Presented by: Paola Conforti (Italy)

P-48 - GENERATION OF FUNCTIONAL FOREBRAIN GABAERGIC INTERNEURONS FROM HUMAN INDUCED PLURIPOTENT STEM CELL IN VITRO DIFFERENTIATION

Alicia Rubio, Gaia Colasante, Latefa Yekhlef, Cinzia Cancellieri, Stefano Taverna and Vania Broccoli

Presented by: Alicia Rubio (Italy)

P-49 - OLFATORY ENSHEATHING CELLS AS PROMISING CELL THERAPY TOOL IN CENTRAL NERVOUS SYSTEM INJURY

R. Pellitteri, L. Cova, D. Zaccheo, V. Silani, P. Bossolasco

Presented by: Rosalia Pellitteri (Italy)

P-50 - AN INDUCIBLE GAIN-OF-FUNCTION SYSTEM PROMOTES MSNS DIFFERENTIATION FROM HES CELLS

Angela Laporta, Andrea Faedo, Alice Segnali, Maura Galimberti, Elisabetta Cesana, Gerardo Biella, and Elena Cattaneo

Presented by: Angela Laporta (Italy)

- P-51 - NANOROUGH ZIRCONIA SURFACES PROMOTE DIFFERENTIATION AND MATURATION EVENTS IN NEONATAL HIPPOCAMPAL NEURONAL CELLS
Elisa Maffioli, Carste Schulte, Maddalen Ripamonti, Luca Puricelli, Claudio Piazzoni, Elisa Sogne, Fabiana Santagata, Alessandro Podesta, Cristina Lenardi, Antonio Malgaroli, Paolo Milani, Gabriella Tedeschi
Presented by: Elisa Maffioli (Italy)
- P-52 - EXPLORING MKK7 ROLE IN EXCITOTOXICITY AND CEREBRAL ISCHEMIA: DESIGN NOVEL PHARMACOLOGICAL STRATEGY AGAINST BRAIN INJURY
Silvia Biggi, Alessandra Scip, Sara Cimini, Daniele Di Marino, Alessandro Vercelli, Tiziana Borsello,
Presented by: Silvia Biggi (Italy)
- P-53 - CHARACTERIZATION OF THE R7S MUTATION OF HEAT SHOCK PROTEIN HSPB3 AND TWO NOVEL MUTATIONS FOUND IN PATIENTS SUFFERING OF MYOPATHY: UNDERSTANDING THE MECHANISMS LEADING TO DISEASE.
Federica F. Morelli, Lonneke Heldens, Dineke Verbeek, Corrado Angelini, Giovanna Cenacchi, Rossella Tupler, Serena Carra
Presented by: Federica Morelli (Italy)
- P-54 - PRODUCTION OF HYDROGEN PEROXIDE IN NEURODEGENERATIVE DISEASE AND RELEASE IN CEREBROSPINAL FLUID
Alan Zanardi, Marco Barbariga, Antonio Conti, Elisabetta Coppi, Laura Ferrari, Giuseppe Magnani, Massimo Alessio
Presented by: Alan Zanardi (Italy)

POSTER SESSION - B

Saturday, May 30th, 2015 (Afternoon)

13:00-15:00 Poster Session B

- P-55 - TRANSCRIPTIONAL AND POST-TRANSCRIPTIONAL REGULATION OF PHOX2B, A GENE CONTAINING A POLY(ALA) STRETCH EXPANDED IN CONGENITAL CENTRAL HYPOVENTILATION SYNDROME
Eleonora Di Zanni, Diego Fornasari, Roberto Ravazzolo, Isabella Ceccherini, Tiziana Bachetti
Presented by: Tiziana Bachetti (Italy)
- P-56 - THE DOWN-REGULATION OF PANK2 GENE IN ZEBRAFISH AS A MODEL OF PANTOTHENATE KINASE ASSOCIATED NEURODEGENERATION.
Zizioli D, Guglielmi A, Tiso N, Saraceno C, Giuliani R, Khatri D, Borsani G, Monti E, Finazzi D
Presented by: Dario Finazzi (Italy)
- P-57 - BRAIN ANGIOARCHITECTURE AND INTUSSUSCEPTIVE MICROVASCULAR GROWTH IN A MURINE MODEL OF KRABBE DISEASE
Arianna Giacomini, Maximilian Ackermann, Mirella Belleri, Daniela Coltrini, Beatrice Nico, Domenico Ribatti, Moritz A. Konerding, Marco Presta, and Marco Righi
Presented by: Marco Righi (Italy)
- P-58 - STUDY OF THE ROLE OF CRIPTO IN NEURAL DEVELOPMENT AND DISEASES
Mancinelli S., Zazzu V., Teti M., Iemolo A., De Leonibus E., Liguori G.L
Presented by: Sara Mancinelli (Italy)

- P-59 - COENZYME A SYNTHASE MUTATIONS IN NEURODEGENERATION WITH BRAIN IRON ACCUMULATION
Sabrina Dusi, Lorella Valletta, Paola Venco, Tobias B. Haack, Yugo Tsuchiya, Sebastiano Pasqualato, Holger Prokisch, Ivan Gout, Paola Goffrini and Valeria Tiranti
Presented by: Sabrina Dusi (Italy)
- P-60 - MODELING HUMAN COENZYME A SYNTHASE MUTATION IN YEAST REVEALS ALTERED MITOCHONDRIAL FUNCTION, LIPID CONTENT AND IRON METABOLISM
Camilla Ceccatelli Berti, Cristina Dallabona, Mirca Lazzaretti, Sabrina Dusi, Chiara Carnevali, Valeria Tiranti, and Paola Goffrini
Presented by: Camilla Ceccatelli Berti (Italy)
- P-61 - LOSS OF IPLA2BETA LEADS TO REDUCED COX ACTIVITY IN THE CEREBELLUM
Cristina Colombelli, Silvia Marchet, Sabrina Dusi, Gigliola Fagiolari, Maurizio Moggio, Costanza Lamperti, Valeria Tiranti
Presented by: Cristina Colombelli (Italy)
- P-62 - A NOVEL SUBCELLULAR LOCALIZATION OF FAD SYNTHASE IN NEURONAL CELL MODELS AND POSSIBLE CONSEQUENCES OF ALTERED FLAVIN HOMEOSTASIS
Graziana Difonzo, Teresa Giancaspero, Giovanni Busco, Concetta Panebianco, Matilde Colella, Maria Barile
Presented by: Graziana Difonzo (Italy)
- P-63 - ULTRASTRUCTURAL ALTERATIONS AND PROTEIN EXPRESSION CHANGES IN PENUMBRA AFTER FOCAL PHOTOTHROMBOTIC INFARCT IN THE RAT CEREBRAL CORTEX
Uzdensky A.B., Demyanenko S.V. Fedorenko G.M.
Presented by: Anatoly Uzdensky (Russia)
- P-64 - INVOLVEMENT OF TRANSCRIPTION FACTORS NF-KAPPAB, AP-, P53 AND STAT-3 IN PHOTOOXIDATIVE DEATH OF GLIAL AND NEURONAL CELLS
A. Uzdensky, E. Berezhnaya, S. Sharifulina, M. Neginskaya, V. Kovaleva, M. Rudkovskii
Presented by: Anatoly Uzdensky (Russia)
- P-65 - ROLE OF HIF1ALPHA/NFKAPPAB PATHWAY ACTIVATION IN NEURODEGENERATION
Matteo A. Russo, Massimo Fini and Marco Tafani
Presented by: Matteo A. Russo (Italy)
- P-66 - MOLECULAR IMAGING OF MICROGLIA ACTIVATION IN RESPONSE TO ACUTE NEURODEGENERATIVE DAMAGE IN TREM2 DEFICIENT MICE
Sara Belloli, Chiara Maiorino, Di Grigoli Giuseppe, Cecilia Buonsanti, Assunta Carpinelli, Cristina Monterisi, and Paola Panina-Bordignon and Rosa Maria Moresco
Presented by: Sara Belloli (Italy)
- P-67 - NEURO-INFLAMMATION, GLIA ACTIVATION AND OXIDATIVE STRESS IN THE HIPPOCAMPUS OF THE ADRENALECTOMIZED RATS
Naserddine Hamadi
Presented by: Naserddine Hamadi
- P-68 - MECHANISMS OF CROSS TALK BETWEEN THE MOTOR NEURONS AND THE T-LYMPHOCYTES IN AMYOTROPHIC LATERAL SCLEROSIS
M.C. Trolese, G. Nardo, B. Bosani, C. Bendotti C.
Presented by: Maria Chiara Trolese (Italy)
- P-69 - EXPRESSION OF G2385R LRRK2/PARK8 MUTANT IN HUMAN SH-SY5Y NEUROBLASTOMA CELLS ALTERS NEUROTRANSMITTER VESICLE DYNAMICS
C. Perego, F. Daniele, S. Marsicano, E. Di Cairano, S. Moretti, M.D. Cinaru, M. Perez Carrion, G. Piccoli
Presented by: Carla Perego (Italy)

- P-70 - THE HYPERPOLARIZATION-ACTIVATED CURRENT AS A DETERMINANT OF SELECTIVE NIGROSTRIATAL DEGENERATION IN PARKINSON'S DISEASE
Alessio Masi, Roberto Narducci, Francesco Resta, Carmen Carbone, Gustavo Provensi, Alessia Costa, Guido Mannaioni,
Presented by: Alessio Masi (Italy)
- P-71 - PARK2-MEDIATED MICROTUBULE DYSFUNCTION IN NEURONS
De Gregorio C, Cartelli D, Casagrande F, Calogero A, Calcaterra V, Beltramone S, Pezzoli G, Cappelletti G
Presented by: Carmelita De Gregorio (Italy)
- P-72 - EMPOWERING THE MICROGLIA FUNCTION TO LIMIT ALPHA-SYNUCLEIN SPREADING IN AN ANIMAL MODEL OF PARKINSON'S DISEASE
Odetta Antico, Marco Peviani, Francesca Cecere, Serena Gea Giannelli, Gaia Colasante, Giuseppe Morabito, Bernhard Gentner, Alessandra Biffi, Vania Broccoli
Presented by: Odetta Antico (Italy)
- P-73 - EFFECTS OF SELECTIVE HDAC INHIBITORS IN THE ZEBRAFISH MPP+ PARKINSON MODEL
Bri gida R. Pinho, Sara Reis, Clara Quintas, Jorge M. A. Oliveira
Presented by: Brígida R. Pinho
- P-74 - SHORT-TERM SAFETY AND TOLERABILITY OF ADAPTIVE DEEP BRAIN STIMULATION IN PARKINSON'S DISEASE
Mattia Arlotti, Manuela Rosa, Sara Marceglia, Gianluca Ardolino, Filippo Cogiamanian, Alessio Di Fonzo, Paolo M. Rampini, Alberto Priori
Presented by: Mattia Arlotti (Italy)
- P-75 - EXTREMELY LOW FREQUENCY MAGNETIC FIELD (ELF-MF) EXPOSURE SENSITIZES SH-SY5Y DOPAMINERGIC CELLS TO THE PRO-PARKINSON'S DISEASE TOXIN MPP
Benassi Barbara, Filomeni Giuseppe, Montagna Costanza, Merla Caterina, Lopresto Vanni, Pinto Rosanna, Marino Carmela, and Consales Claudia
Presented by: Claudia Consales (Italy)
- P-76 - PARK2 HAPLOINSUFFICIENCY AFFECTS MICROTUBULE STABILITY IN MICE
F.V.M. Casagrande, D. Cartelli, A. Amadeo, A.M. Calogero, C. DeGregorio, D.Modena, M.Signo, G. Pezzoli, G. Cappelletti
Presented by: Francesca V.M. Casagrande (Italy)
- P-77 - PREMOTOR PATHOLOGY IN THE NF-KB/C-REL-DEFICIENT MOUSE MODEL OF PARKINSON'S DISEASE
Parrella E., Benarese M., Bellucci A., Porrini V., Lanzillotta A., Vegezzi G., Baiguera C., Pinna A., De Luca M.A., Frau L., Morelli M., Ingrassia R., Pellitteri M., Bertini G., Fabene P.F., Spillantini M.G., Liou H.C., Spano P.F., Pizzi M.
Presented by: Edoardo Parrella (Italy)
- P-78 - BRAIN TEMPERATURE STUDY WITH MAGNETIC RESONANCE SPECTROSCOPY IN EARLY-ONSET PARKINSON DISEASE.
Piatti M., Rango M., Di Fonzo A., Barbieri V., Airaghi L., Bresolin N.
Presented by: Marco Piatti (Italy)
- P-79 - SIGNS OF GENOMIC DNA DAMAGE IN THE MITOCHONDRIAL COMPLEX I-MUTATED CYBRID FROM A PARKINSON'S PATIENT.
F. Zanetta, D. Pignataro, A. Olivieri, S. Brandini, A. Torroni, G. Biamonti, A. Montecucco
Presented by: Francesca Zanetta (Italy)
- P-80 - CAG EXPANSION INFLUENCES THE AUTOPHAGIC FLUX IN HD PATIENTS-DERIVED IPS CELLS
Fumagalli L., Conforti P., Colombo L., Crippa V., Poletti A., and Cattaneo E.

Presented by: Laura Fumagalli (Italy)

- P-81 - VPS35 PROTEIN ACTS ON A-SYNUCLEIN ACCUMULATION AND CLEARANCE IN NEURONS
Simona Eleuteri, Nripesh Dhungel, Ling-bo Li, Kori Kosberg, Jerel Adam Fields, Stafa Klodjan, Anthony Adame, Hilal Lashuel, Kang Shen, Eliezer Masliah, Aaron D. Gitler
Presented by: Simona Eleuteri (USA)
- P-82 - NOVEL MODELS FOR TDP-43 AND FUS PROTEINOPATHIES USING SYNTHETIC PROTEIN SEEDS
Magdalini Polymenidou
Presented by: Magdalini Polymenidou (Switzerland)
- P-83 - ACTIVATION OF AUTOPHAGY PATHWAY AS NEUROPROTECTIVE MECHANISM AGAINST AMYLOIDOGENIC PRION PEPTIDE
Stefano Thellung, Beatrice Scoti, Alessandro Corsaro, Valentina Villa, Mario Nizzari, Luca Colucci-D'Amato, Katia Cortese, Filippo Birocchi, Carlo Tacchetti and Tullio Florio
Presented by: Stefano Thellung (Italy)
- P-84 - AUTOPHAGY MEDIATES SUNITINIB INDUCED COGNITIVE IMPAIRMENT IN SWISS ALBINO MICE
Amal Kamal Abdel-Aziz, Reham Helwa, Eman Mantawy, Riham Soliman
Presented by: Amal Kamal Abdel-aziz (Egypt)
- P-85 - VALIDATING TARGETS THAT ENHANCE AUTOPHAGY TO REDUCE MUTANT HTT LEVELS IN CORTICO-STRIATAL CO-CULTURES
Sipke Dijkstra, Silvina Fratantoni, Lieke Geerts, Jessica Veenman, Servane Lachize, Andreas Weiss, Deanna Marchionini, David Fischer, Sung-Wook Jang
Presented by: Lieke Geerts (The Netherland)
- P-86 - GENOME-WIDE ANALYSIS OF DNA TANDEM REPEATS IN ALS: DEVELOPMENT OF A NGS METHOD
Lucia Corrado, Roberta Bordoni, Loredana M. Genovese, Eleonora Mangano, Filippo Geraci, Marco Severgnini, Romina D'Aurizio, Clarissa Locci, Miriam Zuccala, Letizia Mazzini, Alfredo Brusco, Giovanni Manzini, Marco Pellegrini, Gianluca De Bellis, Sandra D'Alfonso
Presented by: Lucia Corrado (Italy)
- P-87 - AUTOPHAGY IMPAIRMENT IN ASTROCYTES FOLLOWING TRIMETHYLTIN EXPOSURE
Cinzia Fabrizi, Elena Pompili, Francesca Somma, Stefania De Vito, Viviana Ciraci, Paola Lenzi, Francesco Fornai, Lorenzo Fumagalli
Presented by: Cinzia Fabrizi (Italy)
- P-88 - OXIDATION-DEPENDENT REGULATION OF AN AUTOPHAGY ADAPTOR P62 AND ITS ROLE IN NEURODEGENERATION
Diego Manni, Elsje G. Otten, Bernadette Carroll, Hanna Salmonowicz, Graham R. Smith, Diana Jurk, Niall Kenneth, Joseph Sheppard, Elisa Teyssou, Danielle Seilhean, Stephanie Millecamps, Johannes Attems and Viktor I. Korolchuk
Presented by: Diego Manni (UK)
- P-89 - OVEREXPRESSION OF HSPB8 PROTECTS AGAINST TDP43- MEDIATED TOXICITY IN DROSOPHILA
Massimo Ganassi, Chiara Diacci, Samuel J. Seguin, Elena Zelotti, Federica F. Morelli, Valeria Crippa, Angelo Poletti, Jenna M. Gregory, Christopher M. Dobson, Udai B. Pandey, Serena Carra
Presented by: Massimo Ganassi (Italy)
- P-90 - PACAP/PKA SIGNALING IN SPINAL AND BULBAR MUSCULAR ATROPHY: TOWARDS A THERAPEUTIC APPLICATION
Maria Polanco, Sara Parodi, Illana Gozes, Fabio Sambataro, Maria Pennuto

Presented by: Maria Jose Polanco Mora

- P-91 - DEVELOPMENT OF NEW MOUSE MODELS FOR SPINAL AND BULBAR MUSCULAR ATROPHY
Mathilde Chivet, Chiara Scaramuzzino, Carmelo Milioto, Maria Polanco, Fabio Sambataro, Maria Pennuto
Presented by: Mathilde Chivet (Italy)
- P-92 - CLEARANCE OF SYNAPTICALLY-EVOKED GLUTAMATE IN HUNTINGTON DISEASE: REAL-TIME, IN SITU OPTOGENETIC MEASURES CONTRAST WITH BIOCHEMICAL ASSAYS OF GLUTAMATE TRANSPORTER-MEDIATED UPTAKE
Matt P. Parsons, Matthieu Vanni, Rujun Kang, Tim H. Murphy and Lynn A. Raymond
Presented by: Lynn Raymond (Canada)
- P-93 - ROTENONE DOWN-REGULATES HSPA8/HSC70 PROTEIN IN VITRO: A NEW POSSIBLE TOXIC MECHANISM CONTRIBUTING TO PARKINSON'S DISEASE
Gessica Sala, Daniele Marinig, Chiara Riva, Anna Maria Colangelo, Alessandro Arosio, Giovanni Stefanoni, Laura Brighina, Lilia Alberghina, Carlo Ferrarese
Presented by: Gessica Sala (Italy)
- P-94 - PHARMACOLOGICAL INHIBITION OF HDAC6 INDUCES AUTOPHAGIC FLUX AND DECREASES DIFFUSE MUTANT HUNTINGTIN LEVELS IN STRIATAL NEURONS
Pedro Guedes Dias, Joao de Proenca, Tania Soares, Michael R. Duchon, Jorge M. A. Oliveira
Presented by: Jorge M.A. Oliveira (Portugal)
- P-95 - THE N-TERMINAL DOMAIN AGGREGATION AND ALANINE EXPANSION ASSOCIATED WITH CONGENITAL CENTRAL HYPOVENTILATION SYNDROME IMPAIRS DIMERIZATION AND HOMEODOMAIN FUNCTIONS OF PHOX2B
D. Belperio, S. Di Lascio, R. Benfante, D. Fornasari
Presented by: Debora Belperio (Italy)
- P-96 - INTEGRATED IN SILICO AND IN VITRO CHARACTERIZATION OF MUTATIONS IN RHODOPSIN CAUSING PROTEIN MISFOLDING IN RETINAL DEGENERATION
Petra Behnen, Angelo Felling, Francesca Fanelli, Valeria Marigo
Presented by: Valeria Marigo (Italy)
- P-97 - LYSOSOMAL DYSFUNCTION TRIGGERS NEURODEGENERATION BY DISRUPTING SYNAPTIC MAINTENANCE
Irene Sambri, Rosa D'Alessio, Yulia Ezhova, Teresa Giuliano, Nicolina Cristina Sorrentino, Maria De Risi, Mauro Cataldi, Lucio Annunziato, Elvira De Leonibus and Alessandro Fraldi
Presented by: Alessandro Fraldi (Italy)
- P-98 - DISSECTION OF TDP-43 PROTEIN AGGREGATES IN NEURONAL CULTURED CELLS
Francesca Bozzo, Cristiana Valle, Illari Salvatori and Maria Teresa Carri
Presented by: Francesca Bozzo (Italy)
- P-99 - SUPEROXIDE DISMUTASE 1: A NEW FUNCTION IN THE NUCLEAR COMPARTMENT
Pansarasa O., Gagliardi S., Dell'Orco M., Bordoni M., Polveraccio F., La Salvia S., Sardone V., Maffioli E., Tedeschi G., Cereda C.
Presented by: Cristina Cereda (Italy)
- P-100 - TETRACYCLINE AND EGCG REDIRECT ATAXIN-3 AGGREGATION INTO NON-TOXIC SPECIES
C. Visentin, M. Bonanomi, A. Natalello, C. Airoidi, A. Penco, A. Relini, S.M. Doglia, P. Tortora, M.E. Regonesi
Presented by: Cristina Visentin (Italy)
- P-101 - MICRORNAS 128 AND 618 ARE POSSIBLE TARGETS OF PHOX2B TRANSCRIPTION FACTOR
Silvia Moncini, Simona Di Lascio, Roberta Benfante, Diego Fornasari,

Presented by: Silvia Moncini (Italy)

P-102 - THE CONTRIBUTION OF PROTEIN QUALITY CONTROL IN THE PATHOGENESIS OF SBMA.
Rusmini P., Polanco M., Crippa V., Cristofani R., Cicardi M.E., Meroni M., Galbiati M.R., Pennuto M., Poletti A

Presented by: Paola Rusmini (Italy)

P-103 - THE ROLE OF THE ERAD PATHWAY IN THE PHYSIOLOGY AND DISEASE OF PERIPHERAL MYELINATION

Vera Giulia Volpi, Cinzia Ferri, Emanuela Pettinato, Ubaldo Del Carro, Francesca Bianchi, Cristina Scapin, Maurizio Molinari, Stephanie K Dougan, Hidde L Ploegh, M Laura Feltri, Lawrence Wrabetz, Maurizio D'Antonio

Presented by: Vera Giulia Volpi (Italy)

P-104 - TOXIN-INDUCED DEGENERATION OF DYSFUNCTIONAL NERVE TERMINALS: CAN THE BAD TURN INTO THE GOOD?

Elisa Duregotti, Giulia Zanetti, Marco Pirazzini, Michele Scorzeto, Michela Rigoni, Ornella Rossetto, and Cesare Montecucco

Presented by: Elisa Duregotti (Italy)

P-105 - EVALUATION OF MONOAMINE OXIDASE A INHIBITION AS A TREATMENT FOR AFFECTIVE PHENOTYPES IN HUNTINGTON DISEASE

Marta Garcia Miralles, Jolene Ooi, Costanza Ferrari Bardile, Amberlyn Tan, Michael R. Hayden, Mahmoud A. Pouladi

Presented by: Mahmoud A. Pouladi (Singapore)

P-106 - UNDERSTANDING THE MECHANISM OF ACTION OF HUMAN MICAL1, A MULTIDOMAIN FLAVOENZYME CONTROLLING CYTOSKELETON DYNAMICS

Teresa Vitali, Gabriella Tedeschi, Simona Nonnis and Maria Antonietta Vanoni

Presented by: Teresa Vitali (Italy)

P-107 - NEW INSIGHTS INTO THE MECHANISM OF ACTION OF PRIDOPIDINE: IMPLICATIONS FOR THE TREATMENT OF HUNTINGTON'S DISEASE AND OTHER NEURODEGENERATIVE DISEASES

Michal Geva, Ilya Bezprozvanny, Gerardo Lederkremer, Iris Grossman, Tal Birnberg, Steve Barash, Merav Bassan, Aric Orbach, Joel Kaye, Ralph Laufer and Michael Hayden

Presented by: Joel Kaye (Israel)