



# Seventh Annual Meeting ASNP

Italian-French Joint Meeting

Bergamo, 20-22 April 2017

Centro Congressi Giovanni XXIII - V.le Papa Giovanni XXIII, Bergamo

Programme

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Dear Friends,

we welcome you to the **Seventh Annual Meeting ASNP - Italian-French Joint Meeting** that will be hosted in Bergamo, from April 20-22, 2017.

This meeting is the second joint meeting between Italy and France and aims at increasing the interaction and collaboration between Italian and French specialists working in the field of the peripheral nervous system, including senior clinicians and researchers as well as junior professionals. The Meeting will include six lectures covering several aspects of the peripheral nerve function and pathology. In particular, these lectures will discuss novel and advanced techniques currently used for the diagnosis of genetic neuropathies based on next generation sequencing and nerve imaging; gene therapy as a potential strategy to treat neuropathies; updates in amyloidotic neuropathies and autoantibodies in inflammatory neuropathies, and finally, the emerging hypothesis that neuropathies and myopathies may represent overlapping conditions. We will have a workshop dedicated to several aspects of the clinic and diagnosis of paraneoplastic neuropathies. We will also have short communications and 2 poster sessions, which will cover genetic, inflammatory and painful neuropathies, neurophysiology, neurobiology and animal models of peripheral neuropathies, and the discussion of difficult cases.

We hope this will be a fruitful and enjoyable meeting, which will further strengthen friendship and scientific collaborations, in the context of such a beautiful city as Bergamo.

*Stefano Previtali, Marinella Carpo,  
Jean-Christophe Antoine, Thierry Kuntzer  
Organizing Committee*

*Angelo Schenone  
ASNP President*

# SCIENTIFIC PROGRAMME

THURSDAY, 20 APRIL 2017

12.00-13.45 Registration opening

13.45-14.00 Welcome addresses

14.00-14.40 **Opening Lecture 1**  
Chair: D. Pareyson (Milan, IT)  
**Genetics: Next Generation Sequencing  
in Hereditary Neuropathy**  
**F. Taroni (Milan, IT)**

14.40-16.10 **Oral Communications 1**  
**Genetic Neuropathies**  
Chairs: P. Mandich (Genoa, IT) and S. Attarian (Marseille, FR)

14.40 CLINICAL FEATURES AND GENETIC FINDINGS IN PATIENTS WITH CHARCOT MARIE TOOTH DISEASE TYPE 2 (CMT2) DUE TO LRSAM1 MUTATION

A. Cortese, M. Laura, J.M. Polke, A.M. Rossor, P. Tomaselli, J. Blake, R. Poh, M. Lunn, H. Houlden, M. Reilly (London, UK)

14.55 AT CROSSROADS BETWEEN INHERITED DISEASES OF NERVE AND MUSCLE: TWO EXAMPLES OF VCP AND GNE-RELATED DISORDERS

G.M. Fabrizi, S. Testi, H. Høyer, G.J. Braathen, G. Squintani, L. Bertolasi, M. Ferrarini, F. Taioli, I. Cabrini, E. Pancheri, P. Tonin (Verona, IT; Skien, N)

15.10 CHARCOT-MARIE-TOOTH DISEASE TYPE 4B: A MULTICENTRE RETROSPECTIVE STUDY

D. Pareyson, T. Stojkovic, S. Leonard-Louis, M. Reilly, M. Laurà, Y. Parman, E. Battaloglu, M. Tazir, M. Bellatache, N. Bonello-Palot, S. Sacconi, R. Guimarães-Costa, S. Attarian, P. Latour, A. Megarbane, A. Schenone, G. Ursino, M. Sabatelli, M. Luigetti, L. Santoro, F. Manganelli, A. Quattrone, P. Valentino, T. Murakami, S. Scherer, L. Dankwa, M.E. Shy, D. Herrmann, C. Pisciotta, S. Previtali, A. Bolino (Milan, Genoa, Rome, Naples, Catanzaro, IT; Paris, Marseille, Nice, Lyon, FR; London, UK; Istanbul, TR; Algiers, DZ; Kurashiki, JP; Philadelphia, Iowa City, Rochester, USA)

- 15.25** DOES MPZ NULL MUTATION CAUSE A SMALL FIBER NEUROPATHY?  
G. Piscoquito, P. Saveri, V. Provitera, A. Stancanelli, C. Ciano, S. Magri, F. Taroni, M. Nolano, D. Pareyson  
 (Telese Terme, Milan, IT)
- 15.40** CMT1A PATIENTS GET OLD WORSE THAN HEALTHY PEOPLE  
S. Tozza, D. Bruzzese, R. Iodice, M. Esposito, R. Dubbioso, L. Ruggiero, A. Topa, E. Spina, L. Santoro, F. Manganelli  
 (Naples, IT)
- 15.55** SOME GENE MUTATIONS INDUCE CHARACTERISTIC MICROSCOPICAL NERVE LESIONS IN CHARCOT-MARIE- TOOTH DISEASES  
J. M. Vallat, M. Duchesne, K. Ghorab, C. Magdelaine, L. Richard, S. Mathis, L. Magy  
 (Limoges, Bordeaux, FR)

**16.10-16.40** **Coffee break**

**16.40-18.10** **Oral Communications 2**  
**Clinical/Neurophysiology and Painful neuropathies**  
 Chairs: G. Lauria Pinter (Milan, IT) and L. Magy (Limoges, FR)

- 16.40** THE SYMPATHETIC SKIN RESPONSE AS A PREDICTOR OF RECOVERY OF ULNAR NERVE LESION AT WRIST  
E. Magistroni, G. Devigili, P. Milani, G. Masazza, R. Eleopra  
 (Turin, Udine, Biella, IT)
- 16.55** WHOLE EXOME SEQUENCING (WES) IDENTIFIED COL6A5 VARIANTS IN FAMILIAL NEUROPATHIC CHRONIC ITCH  
M. Marchi, F. Martinelli-Boneschi, M. Colombi, G. Devigili, R.A. Malik, M. Sorosina, H. Fadavi, M.M. Gerrits, R. Almomani, C.G. Faber, D. Toniolo, C. Doglioni, S.G. Waxman, S.D. Dib-Hajj, R. Lombardi, D. Cazzato, A. Zauli, S. Santoro, G. Lauria Pinter  
 (Milan, Brescia, Udine, IT; Manchester, UK ; Maastricht, NL; Yale, USA)
- 17.10** IENF AND MC ARE EARLY MARKERS OF PERIPHERAL INVOLVEMENT IN PD AND ARE DIFFERENTLY AFFECTED BY LDOPA TREATMENT  
M. Nolano, V. Provitera, A. Stancanelli, G. Caporaso, AM Saltalamacchia, I. Borreca, F. Lullo, F. Califano, B. Lanzillo, R. Iodice, F. Manganelli, P. Barone, L. Santoro  
 (Telese Terme, Naples, Salerno, IT)

**17.25** CARPAL TUNNEL SYNDROME AS A HUMAN IN VIVO MODEL TO STUDY LARGE FIBER REGENERATION

V. Provitera, G. Caporaso, A. Stancanelli, G. Piscoquito, G. Di Caprio, AM Saltalamacchia, L. Santoro, M. Nolano (Telese Terme, Naples, IT)

**17.40** SYSTEMATIC ASSESSMENT OF ELECTROCHEMICAL SKIN CONDUCTANCE BY SUDOSCAN SUGGESTS AUTONOMIC INVOLVEMENT IN MOST OF THE PATIENTS WITH AL AMYLOIDOSIS

L. Magy, O. Roussellet, A. Montcuquet, A. Jaccard (Limoges, FR)

**17.55** NERVE IMAGING EVALUATION REVEALED PECULIAR ABNORMALITIES IN PATIENTS WITH FRIEDREICH'S ATAXIA

A. Salvalaggio, D. Coraci, M. Cacciavillani, F. Manganelli, A. Antenora, A. Filla, L. Santoro, R. Gasparotti, L. Padua, C. Briani (Padua, Rome, Naples, Brescia, IT)

**18.10-18.50**

## **Lecture 2**

Chair: G. Siciliano (Pisa, IT)

### **When neuropathy overlaps myopathy: facts and hypothesis**

**A. Toscano (Messina, IT)**

**21.30** Welcome Cocktail in Città Alta

08.30-10.10

**Workshop Paraneoplastic neuropathies**

Chairs: R. Fazio (Milan, IT) and T. Cavallaro (Verona, IT)

- J.C. Antoine (Paris, FR): Clinical aspects
- B. Giometto (Padua, IT): Immunopathology
- A. Uncini (Chieti, IT): The neurophysiology of paraneoplastic neuromuscular hyperexcitability syndromes
- General Discussion

10.10-10.30

**Coffee break**

10.30-11.10

**Lecture 3**

Chair: L. Padua (Rome, IT)

**Imaging in neuropathies****S. Gerevini (Milan, IT)**

11.10-12.10

**Oral Communications 3****Difficult cases of neuropathies**

Chairs: L. Santoro (Naples, IT) and T. Kuntzer (Lausanne, CH)

**11.10** ACUTE-ONSET OF CIDP WITH IGG4 ANTI-NF155 ANTIBODIES RESISTANT TO CONVENTIONAL THERAPIES AND RESPONSIVE TO RITUXIMAB

C. Demichelis, M. Garnero, D. Franciotta, A. Cortese, I. Callegari, G.L. Mancardi, A. Schenone, A. Leonardi, L. Benedetti (Genoa, Pavia, IT)

**11.25** PERIPHERAL NEUROPATHY ASSOCIATED WITH OTHER CLINICAL FEATURES: IS THIS A SYNDROME OR IS A CASUAL ASSOCIATION AMONG DISTINCT DISEASES?

F. Gotta, M. Lamp, A. Geroldi, L. Trevisan, P. Origone, C. Nesti, S. Orlandi, S. Fabbri, C. Teti, G. Fugazza, F.M. Santorelli, E. Bellone, P. Mandich (Genoa, Calambrone, IT)

**11.40** ANTI-NFASC155 NEUROPATHY: A RELAPSING-REMITTING NEUROPATHY?

T. Kuntzer, D. Cuendet, F. Maulucci, P. Tsouni, A. Magot, J. Boucraut, J. Devaux, S. Attarian, E. Delmont (Lausanne, Nantes, Marseille, FR)

**11.55** MAGNETIC RESONANCE IMAGING EVIDENCE OF POSTERIOR COLUMN DEGENERATION IN A PATIENT WITH SENSORY GANGLIONOPATHY FOLLOWING LOW-DOSE BORTEZOMIB AND THALIDOMIDE TREATMENT FOR MULTIPLE MYELOMA

L. Piccolo, A. Pichiecchio, E. Alfonsi, A. Foli, S. Mariotto, G. Piccolo, A. Moglia, A. Cortese (Pavia, Verona, IT)

12.10-13.00

## Poster Session 1 Neurophysiology and Painful Neuropathies - Genetic Neuropathies

### Oral Poster Presentation

Chairs: L. Benedetti (La Spezia, IT) and M. Luigetti (Rome, IT)

- OP1\_01** ERIBULIN, PACLITAXEL, IXABEPILONE AND VINORELBINE-INDUCED PERIPHERAL NEUROPATHY IN MICE: INSIGHTS IN LONG-TERM RECOVERY  
V.A. Carozzi, E. Pozzi, P. Alberti, E. Ballarini, V. Rodriguez-Menendez, K.M. Wozniak, Y. Wu, Y. Liu, B. Littlefield, K. Nomoto, M. Polydefkis, B. Slusher, G. Cavaletti  
(Milan, Monza, IT; Baltimore, Andover, Woodcliff Lake, USA)
- OP1\_02** THE SPLIT HAND INDEX IN AMYOTROPHIC LATERAL SCLEROSIS AND NERVE ENTRAPMENT SYNDROMES  
S. Casali, L. Franci, P. Piu, G. Capocciotti, L. Insana, M. Carone, F. Giannini  
(Siena, IT)
- OP1\_03** EFFECT OF PREVENTIVE AND THERAPEUTIC TREATMENT OF GHRELIN AGONIST HM01 ON THE PERIPHERAL NEUROTOXICITY INDUCED BY BORTEZOMIB IN WISTAR RATS  
A. Chiorazzi, C. Meregalli, N. Oggioni, A. Canta, V.A. Carozzi, G. Fumagalli, E. Pozzi, V. Rodriguez-Menendez, P. Marmiroli, C. Pietra, G. Cavaletti  
(Monza, IT; Lugano, CH)
- OP1\_04** NERVE ELASTOGRAPHY: LITERATURE REVIEW AND PERSONAL EXPERIENCE  
D. Coraci, M.A. Bedewi, L. Padua  
(Rome, Milan, IT; Al-Kharj, KSA)
- OP1\_05** MULTIPLE MYELOMA IN A PATIENT WITH PREVIOUS NEUROLYMPHOMATOSIS. DOUBLE HIT ON PERIPHERAL NERVES?  
C. Dalla Torre, M. Campagnolo, R. Zambello, T. Berno, F. Piazza, C. Briani (Padua, IT)
- OP1\_06** A NEUROPATHY WITH LATE ONSET AND FAST PROGRESSIVE COURSE  
D. Cazzato, E. Dalla Bella, P. Dacci, V. Fugnanesi, S. Saccucci, M. Morbin†, G. Lauria  
(Milan, IT)
- OP1\_07** MULTIPLE ARM NERVE LESIONS MIMICKING BRACHIAL PLEXUS LESION  
C. Erra, D. Coraci, I. Paolasso, L. Padua  
(Rome, Milan, Viterbo, IT)



- OP1\_08** CONCURRENT ATYPICAL PARANEOPLASTIC DEMYELINATING POLYNEUROPATHY AND NEUROMUSCULAR JUNCTION DEFECT IN A PATIENT WITH ANTI-VGCC ANTIBODIES  
C. Lapucci, M. Gastaldi, D. Franciotta, I. Callegari, B. Lang, M. Grandis, C. Gemelli, C. Demichelis, A. Schenone, L. Benedetti (Genoa, Pavia, IT; Oxford, UK)
- OP1\_09** UNILATERALE MACROGLOSSIA WITH SIGNS OF NEUROGENIC DENERVATION  
C. Petrelli, F. Logullo (Macerata, IT)
- OP1\_10** THE DIAGNOSTIC YIELD OF PCR-BASED CLONALITY TESTING ON NERVE BIOPSY IN THE DIAGNOSIS OF NEUROLYMPHOMATOSIS  
O. Roussellet (Limoges, FR)
- OP1\_11** ARSENIC TRIOXIDE INDUCED PERIPHERAL NEUROPATHY: PROSPECTIVE EVALUATION OF TWO PATIENTS WITH ACUTE PROMYELOCYTIC LEUKEMIA.  
M. Ruiz, F. Lessi, M. Cacciavillani, M. Riva, C. Briani (Padua, IT)
- OP1\_12** CHRONIC INFLAMMATORY DEMYELINATING POLYRADICULONEUROPATHY (CIDP) IN MYELOMA AND AMYLOIDOSIS. NEUROIMAGING AND HISTOPATHOLOGICAL DATA  
A. Salvalaggio, M. Cacciavillani, T. Cavallaro, M. Ruiz, S. Ferrari, M. Campagnolo, F. Adami, C. Briani (Padua, Verona, IT)
- OP1\_13** TIBIALIS ANTERIOR MUSCLE FAT FRACTION CORRELATES WITH DISABILITY IN CHARCOT-MARIE-TOOTH DISEASE TYPE 1A  
J. Bas, E. Delmont, A. Le Troter, F. Fatehi, E. Salort-Campana, A. Sévy, A. Verschuereen, J. Pouget, M.N. Lefebvre, A. M. Grapperon, D. Bendahan, S. Attarian (Marseille, FR)
- OP1\_14** PHENOTYPIC SPECTRUM AND MOLECULAR MECHANISM IN HEREDITARY NEUROPATHIES ASSOCIATED WITH MUTATIONS IN AMINOACYL-TRNA SYNTHETASES GENES: A REVIEW OF THE LITERATURE  
I. Callegari, A. Cortese (Pavia, Monza, IT)
- OP1\_15** A NEW MODEL FOR A THERAPEUTIC PATIENT EDUCATION PROGRAM IN HEREDITARY AMYLOIDOSIS NEUROPATHY  
C. Cauquil, L. Trillou, N. Ricome, Y. Magar, D. Boumediene, N. Kouchi, C. Labeyrie, D. Adams (Le Kremlin Bicêtre, Paris, FR)

**OP1\_16** FUNCTIONAL VALIDATION OF NON-CODING VARIANTS OF GJB1 IN PATIENTS WITH CMTX1

A. Cortese, A. Manole, B. Ashoukumar, R. Simone, P. Tomaselli, A. Rossor, M. Laurà, M. Skorupinska, J. Polke, R. Poh, H. Houlden, M.M. Reilly (London, UK)

13.00-14.30 **Lunch**

14.30-15.30 **Poster Session 1**  
**Neurophysiology and Painful Neuropathies**  
**- Genetic Neuropathies**  
**Poster exhibition**

**P1\_17** A COMPARATIVE STUDY BETWEEN TWO FIXATIVES TO EVALUATE EPIDERMAL NERVE FIBER DENSITY

E. Caravello, R. Lombardi, P. Dacci, D. Cazzato, G. Lauria Pinter (Milan, IT)

**P1\_18** SKIN BIOPSY IN IDIOPATHIC PURE SUDOMOTOR NEUROPATHY

G. Piscoquito, V. Provitera, A. Stancanelli, G. Caporaso, A. Mazzeo, T. Cavallaro, G.M. Fabrizi, L. Santoro, M. Nolano (Telese Terme, Naples, IT)

**P1\_19** N-HEXANE AS A CAUSE OF SMALL FIBER NEUROPATHY

R. Guimarães-Costa, C. Muntean, R. Iancu Ferfoggia, Y. Schoindre, J.P. Lefauchery, J.P. Camdessanché, A. Metlaine, T. Maisonobe, J.M. Léger (Paris, Saint-Etienne, FR)

**P1\_20** CIDP VERSUS POEMS

M. Sgarzi, E. Agazzi (Bergamo, IT)

**P1\_21** MOTOR UNIT NUMBER INDEX CORRELATES WITH DISABILITY IN CHARCOT-MARIE-TOOTH DISEASE TYPE 1A

J. Bas, E. Delmont, F. Fatehi, C. Boulay, B. Chabrol, E. Salort-Campana, A. Sévy, A. Verschueren, J. Pouget, M.N. Lefebvre, A.M. Grapperon, S. Attarian (Marseille, FR)

**P1\_22** A GENOMIC APPROACH TO IDENTIFY NEW GENES RESPONSIBLE FOR INHERITED MOTOR AND CMT2 NEUROPATHIES: A COLLABORATIVE STUDY

A. Bolino, S. Previtalli, E. Zhao, G.M. Fabrizi, F. Manganelli, A. Mazzeo, D. Pareyson, A. Schenone, F. Taroni, G. Vita, E. Bellone, M. Ferrarini, S. Magri, M. Scarlato, N. Riva, P. Carrera, P. Mandic,

D. Lazarevic, G. Comi, G. Tonon, M. Devoto  
(Milan, Verona, Naples, Messina, Genoa, IT; Philadelphia, USA)

**P1\_23** TRPV4 MUTATION IN A FAMILY RELATED TO A MILD PHENOTYPE OF DISTAL MOTOR HEREDITARY NEUROPATHY CMT-2C

G. Devigili, F. Moro, F. M. Santorelli, S. Rinaldo, C. Lettieri,  
E. Bellone, A. Geroldi, R. Eleopra  
(Udine, Genoa, Pisa, IT)

**P1\_24** NEXT GENERATION SEQUENCING BY ION TORRENT PLATFORM: OUR EXPERIENCE IN MUTATIONAL ANALYSIS OF CHARCOT-MARIE-TOOTH TYPE2

M. Ferrarini, F. Taioli, I. Cabrini, S. Testi, S. Ferrari, T. Cavallaro,  
G.M. Fabrizi  
(Verona, IT)

**P1\_25** MUTATIONS IN TTR GENE ARE NOT FOUND IN AN ITALIAN COHORT OF SELECTED AXONAL CMT PATIENTS

A. Geroldi, R. Gulli, F. Gotta, M. Lamp, P. Origone, M. Grandis,  
C. Gemelli, F. Manganelli, F. Tozza, L. Santoro, E. Bellone,  
P. Mandich  
(Genoa, Naples, IT)

**P1\_26** NOVEL MUTATIONS IN DYSTONIN PROVIDE CLUES TO THE PATHOMECHANISMS OF HSN-VI

F. Manganelli, S. Parisi, M. Nolano, F. Tao, S. Paladino,  
C. Pisciotta, S. Tozza, C. Nesti, A.P. Rebelo, V. Provitera,  
F. M. Santorelli, M. E. Shy, T. Russo, S. Zuchner, L. Santoro  
(Naples, Telesse Terme, Pisa, IT; Miami, Iowa City, USA)

**P1\_27** PREGNANCY, FOOT SURGERY, SLEEP, AND FATIGUE IN CHARCOT-MARIE-TOOTH DISEASE: DATA FROM QUESTIONNAIRES LINKED TO THE ITALIAN CMT NATIONAL REGISTRY

D. Pareyson, D. Calabrese, L. Santoro, F. Manganelli,  
G. M. Fabrizi, A. Schenone, T. Cavallaro, G. Ursino, S. Previtali,  
I. Allegri, L. Padua, C. Pazzaglia, A. Quattrone, F. Villani, C. Pisciotta,  
A. Mazzotta, G. Vita  
(Milan, Naples, Verona, Genoa, Parma, Rome, Catanzaro, Messina, IT)

**P1\_28** THE ITALIAN CMT NATIONAL REGISTRY: TOWARDS DEFINITION OF STANDARDS OF CARE AND CLINICAL TRIALS

D. Calabrese, D. Pareyson, G. Vita, A. Mazzeo, G.M. Fabrizi, A.  
Schenone, T. Cavallaro, G. Ursino, S. Previtali, I. Allegri, L. Padua,  
C. Pazzaglia, A. Quattrone, I. Moroni, C. Pisciotta, F. Manganelli,  
L. Santoro  
(Milan, Messina, Verona, Genoa, Parma, Rome, Catanzaro,  
Naples, IT)

15.30-16.10

## Lecture 4

Chair: J-M. Vallat (Limoges, FR)

### Exploiting Gene Therapy to treat peripheral Neuropathies

**N. Tricaud (Montpellier, FR)**

16.10-17.10

## Oral Communications 4

### Neurobiology

Chairs: L. Nobbio (Genoa, IT)

and J-P. Camdessanché (St Priest En Jarez Cedex, FR)

- 16.10** CLINICO-PATHOLOGICAL AND GENE EXPRESSION STUDY OF INFLAMMATORY NEUROPATHIES: TOWARDS NEW BIOMARKERS  
F. Cerri, S. Merella, T. Domi, N. Riva, Y. Falzone, F. Martinelli, Boneschi, M. Sorosina, R. Fazio, G. Comi, P. Carrera, A. Quattrini (Milan, IT)
- 16.25** AUTOPHAGY INDUCTION AS A THERAPEUTICAL STRATEGY FOR DEMYELINATING CMT1A NEUROPATHIES  
F. Grandi, V. Alberizzi, G. Moreno, M. Guerrero-Valero, A. Bolino (Milan, IT)
- 16.40** HUMAN IMMUNOGLOBULINS AMELIORATE RAT EXPERIMENTAL PAINFUL BORTEZOMIB-INDUCED PERIPHERAL NEUROPATHY  
C. Meregalli, L. Monza, E. Ballarini, V. Rodriguez-Menendez, A. Chiorazzi, V. A. Carozzi, I. Marjanovic, S. Ruggero, C. Briani, P. Marmioli, G. Cavaletti (Milan, Castelvecchio Pascoli, Padua, IT)
- 16.55** EIF2ALPHA PHOSPHORYLATION: A KEY PROTEOSTATIC HUB IN ER-STRESS RELATED CHARCOT-MARIE-TOOTH NEUROPATHIES  
M. D'Antonio, C. Scapin, R. Pisante, C. Ferri, R. Mastrangelo, R.J. Kaufman, M.L. Feltri, L. Wrabetz (Milan, IT; La Jolla, Buffalo, USA)

17.10-17.30

**Coffee break**

17.30-18.30

## Oral Communication 5

### Inflammatory neuropathies

Chairs: A. Quattrini (Milan, IT) and E. Delmont (Marseille, FR)

- 17.30** PREVALENCE OF ANTI-NEUROFASCIN-155, ANTI-CONTACTIN-1 AND CONTACTIN-ASSOCIATED PROTEIN 1 ANTIBODIES IN CHRONIC INFLAMMATORY DEMYELINATING POLYRADICULONEUROPATHY: A SEROLOGICAL MULTICENTER STUDY IN ITALY  
I. Callegari, A. Cortese, G. Lauria Pinter, C. Briani, M. Luigetti, R. Fazio, L. Benedetti, G. Marfia, M. Clerici, M. Carpo, M. Corbo, A. Mazzeo, S. Ferrari, F. Giannini, C. Manso, C. Giannotta, A. Berardinelli, E. Zardini, S. Romagnolo, P. Dacci, R. Lombardi, M. Campagnolo, G. Bisogni, F. Cerri, C. Demichelis, G. Mataluni, C. Stancanelli, S. Mariotto, R. Currò, L. Piccolo, A. Schenone, A. Moglia, E. Marchioni, E. Nobile-Orazio, J. Devaux, D. Franciotta (Pavia, Monza, Milan, Padua, Rome, Genoa, Varese, Treviglio, Messina, Verona, Siena, IT; Marseille, FR)
- 17.45** VALUE OF ANTI-HNK1 ANTIBODIES IN ANTI-MAG NEUROPATHIES: AN ANALYSE OF 144 SERA  
E. Delmont, J.C. Antoine, S. Paul, J. Boucraut, S. Attarian (Marseille, Saint Etienne, FR)
- 18.00** CHANGES OF NERVE CONDUCTION VELOCITY AND ULTRASOUND CHARACTERISTICS IN CIDP OVER TIME. A THREE-YEAR PROSPECTIVE STUDY IN SEVENTEEN PATIENTS  
A. Di Pasquale, S. Morino, L. Fionda, S. Loreti, T. De Santis, G. Fragiotta, G. Antonini (Rome, IT)
- 18.15** FREQUENCY AND DIAGNOSTIC CRITERIA FOR ATYPICAL CIDP: DATA FROM THE ITALIAN DATABASE ON CIDP  
P.E. Doneddu, D. Cocito, R. Fazio, M. Filosto, S. Jann, L. Santoro, A. Cortese, M. Carpo, M. Clerici, M. Luigetti, A. Mazzeo, G. Lauria Pinter, B. Fierro, G. Antonini, G. Cavaletti, T. Rosso, L. Benedetti, G. Marfia, C. Briani, E. Peci, G. Liberatore, D. Velardo, A. Todeschini, A. Toscano, E.P. Verrengia, F. Manganeli, L. Piccolo, F. Gallia, E. Nobile-Orazio (Milan, Turin, Brescia, Naples, Pavia, Treviglio, Varese, Rome, Messina, Palermo, Monza, Castelfranco Veneto, La Spezia, Padua, IT)

18.30-19.30

**Italian ASN General Assembly**

20.30

**Social Dinner**

08.30-09.10

## Lecture 5

Chair: G. Vita (Messina, IT)

### Pitfalls in the Diagnosis of Amyloidotic Neuropathies

**D. Adams (Le Kremlin Bicêtre, FR)**

09.10-11.10

## Poster Session 2

### Genetic Neuropathies

### Inflammatory Neuropathies-Neurobiology

#### Oral Poster Presentation

Chairs: A. Geroldi (Genoa, IT) and P. Alberti (Monza, IT)

**OP2\_01**

RELEVANCE AND FREQUENCY OF DIFFERENT TYPES OF CHARCOT-MARIE-TOOTH NEUROPATHY IN A LARGE POPULATION OF PATIENTS STUDIED AT A SINGLE CLINICAL SITE  
G. Ursino, C. Gemelli, M. Grandis, L. Reni, E. Bellone, A. Geroldi, F. Gotta, P. Mandich, M. Ferrara, A. Schenone (Genoa, IT)

**OP2\_02**

VOCAL CORD PARALYSIS IN CHARCOT-MARIE-TOOTH TYPE 4B1 DISEASE ASSOCIATED WITH A NOVEL MUTATION IN THE MYOTUBULARIN-RELATED PROTEIN 2 GENE: A CASE REPORT AND REVIEW OF THE LITERATURE  
A. Zambon, M.G. Natali Sora, G. Cantarella, F. Cerri, A. Quattrini, G. Comi, S. Previtali, A. Bolino (Milan, IT)

**OP2\_03**

FATIGUE AND IMPAIRED QUALITY OF LIFE IN PATIENTS WITH BENIGN GUILLAIN-BARRÉ SYNDROME: CURRENT STATE AND FUTURE PERSPECTIVE  
C. Balducci, D. Binda, G. Cavaletti (Milan, IT)

**OP2\_04**

BRACHIAL PLEXOPATHY FOLLOWING AUTOLOGOUS PERIPHERAL BLOOD STEM CELL TRANSPLANTATION FOR MULTIPLE MYELOMA  
S. Bocci, G. Capoccitti, A. Gonzetti, A. Cerase, M. Carone, L. Africa, F. Giannini (Siena, IT)

**OP2\_05**

HLA ASSOCIATION IN CIDP SPECTRUM NEUROPATHIES  
S. Cotti Piccinelli, M. Frassi, G. Carella, A. Todeschini, S. Rota, F. Caria, A. Padovani, M. Filosto (Brescia, IT)

- OP2\_06** LONG-TERM IMMUNOSUPPRESSIVE TREATMENT IN IMMUNE-MEDIATED NEUROMUSCULAR DISEASE: PRELIMINARY DATA OF A MULTICENTRIC RETROSPECTIVE OBSERVATIONAL STUDY  
M. Garnero, C. Gemelli, S. Fabbri, M. Grandis, A. Beronio, E. Giorli, M. Maestri, I. Callegari, A. Cortese, E. Virgilio, C. Comi, A. Schenone, L. Benedetti  
 (Genoa, La Spezia, Pisa, Pavia, Novara, IT)
- OP2\_07** CIDP: AUTOMATIC ANALYSIS OF SEARCH RESULTS FROM NCBI  
C. Giannuzzi, F. Gallia, E. Nobile-Orazio, M. Marra  
 (Milan, Lecce, IT)
- OP2\_08** MULTIFOCAL MOTOR NEUROPATHY & 805; 7 YEARS OFF TREATMENT: 8 PATIENTS  
R. Guimarães-Costa, C. Muntean, R. Iancu Ferfoglia, K. Viala, T. Maisonobe, L. Musset, J.M. Léger  
 (Paris, FR)
- OP2\_09** ANTIBODIES AGAINST THE NODE OF RANVIER, A FLOW CYTOMETRY ANALYSIS  
L. Kouton, L. Kremer, C. Tard, S. Attarian, J. Boucraut, E. Delmont  
 (Marseille, Strasbourg, Lille, FR)
- OP2\_10** PSEUDO CANOMAD: A NEW ENTITY AND TREATMENT CHOICE?  
C. Labeyrie, M. Stephant, C. Cauquil, A. Not, G. Beaudonnet, D. Adams.  
 (Le Kremlin Bicêtre, FR)
- OP2\_11** ACUTE-ONSET CHRONIC INFLAMMATORY DEMYELINATING POLYNEUROPATHY (A-CIDP) VERSUS FLUCTUATING GUILLAIN-BARRE' SYNDROME (GBS-TFR): A CASE REPORT  
F. Ripandelli, E. Nardi Cesarini, M. Di Gregorio, L. Gaetani, L. Farotti, A. Mancini, F. Sepe F., M. Di Filippo, C. Costa, P. Sarchielli, L. Parnetti, D. Murasecco, P. Calabresi  
 (Perugia, Rome, IT)
- OP2\_12** ACQUIRED NEUROMYOTONIA AND CHRONIC INFLAMMATORY DEMYELINATING NEUROPATHIES: 3 CASE-REPORTS  
C. Rosier, C. Moritz, E. Federspiel-Reynaud, J. P. Camdessaniché, J.C. Antoine  
 (Saint Etienne, FR)
- OP2\_13** SUBCUTANEOUS IMMUNOGLOBULIN IN CIDP: A TWO-YEAR EXPERIENCE  
A. Topa, E. Spina, R. Iodice, S. Tozza, L. Ruggiero, R. Dubbioso, M. Esposito, L. Santoro, F. Manganeli  
 (Naples, IT)

- OP2\_14** RELAPSE AFTER DISCONTINUATION OF MYCOPHENOLATE MOFETILE IN A PATIENT WITH MULTIFOCAL MOTOR NEUROPATHY: A 11 YEARS FOLLOW-UP  
A. Zuppa, M. Garnero, M. Grandis, C. Gemelli, C. Demichelis, A. Schenone, L. Benedetti  
(Genoa, IT)
- OP2\_15** EMG RECORDINGS AT REST TO VERIFY AXONAL HYPEREXCITABILITY IN A RAT MODEL OF OXALIPLATIN INDUCED PERIPHERAL NEUROTOXICITY  
P. Alberti, G. Fumagalli, M. Laura, G. Cavaletti  
(Monza, Milan, IT)
- OP2\_16** NATURAL HISTORY OF CHARCOT-MARIE-TOOTH: A 10-YEAR FOLLOW-UP  
C. Gemelli, M. Grandis, G. Ursino, A. Geroldi, F. Gotta, E. Bellone, P. Mandich, A. Schenone.  
(Genoa, IT)
- OP2\_17** DEVELOPMENT OF AAV-BASED GENE THERAPY FOR THE TREATMENT OF INHERITED AND ACQUIRED PERIPHERAL NEUROPATHIES  
B. Gautier, H. Hajjar, S. Gonzalez, J. Berthelot, P. Aubourg, N. Tricaud  
(Montpellier, Kremlin Bicetre, FR)

## Poster Session 2

### Genetic Neuropathies - Inflammatory Neuropathies - Neurobiology

#### Poster exhibition

- P2\_18** GAIT ANALYSIS PARAMETERS IN CHARCOT-MARIE-TOOTH DISEASE: PROMISING OUTCOME MEASURES FOR FUTURE CLINICAL TRIALS  
G. Piscoquito, T. Leoncioni, M. Rabuffetti, G. Bovi, E. Di Sipio, M. Diverio, I. Moroni, L. Padua, E. Pagliano, A. Schenone, M. Ferrarin, D. Pareyson  
(Telese Terme, Milan, Rome, La Spezia, Genoa, IT)
- P2\_19** CHARCOT-MARIE-TOOTH NEUROPATHY MISDIAGNOSED AS CHRONIC INFLAMMATORY DEMYELINATING POLYRADICULONEUROPATHY: A CASE SERIES  
M. Ruiz, M. Campagnolo, A. Salvalaggio, M. Cacciavillani, F. Taioli, G.M. Fabrizi, C. Briani  
(Padua, Verona, IT)



- P 2\_20** PREDOMINANTLY MOTOR CMT2B ASSOCIATED WITH A NOVEL PATHOGENIC RAB7 MUTATION  
P. Saveri, C. Pisciotto, M. De Luca, V. Nisi, G. Piscosquito, M.M. Reilly, J. Polke, T. Cavallaro, G.M. Fabrizi, S. Magri, F. Taroni, C. Bucci, D. Pareyson  
 (Milan, Lecce, Verona, IT; London, UK)
- P 2\_21** ROLE OF X-BOX BINDING PROTEIN 1 (XBP1) IN CHARCOT-MARIE-TOOTH DISEASE TYPE 1B  
T. Touvier, C. Ferri, L. Glimcher, L. Wrabetz, M. D'Antonio  
 (Milan, IT; Boston, Buffalo USA)
- P 2\_22** THERAPEUTIC PATIENT EDUCATION IN INFLAMMATORY NEUROPATHIES. A NECESSARY AND a NEGLECTED DIMENSION OF PATIENT CARE  
A. Créanger, M. Roure, J.P. Plançon, A.L. Ramelli, C. Van-Hespen, L. Capelli, M.L. Fouquet, M. Panzer, F. Labouygues-Pele  
 (Creteil, La Baule, FR)
- P 2\_23** AN ITALIAN MULTICENTER DATABASE FOR THE DIAGNOSIS AND THERAPY OF CHRONIC INFLAMMATORY DEMYELINATING POLYRADICULONEUROPATHY (CIDP) AND ITS VARIANTS: DATA FROM THE FIRST 300 PATIENTS  
G. Liberatore, D. Cocito, R. Fazio, M. Filosto, S. Jann, L. Santoro, A. Cortese, M. Carpo, M. Clerici, M. Luigetti, A. Mazzeo, G. Lauria Pinter, B. Fierro, G. Antonini, G. Cavaletti, T. Rosso, L. Benedetti, G. Marfia, C. Briani, E. Peci, P. Doneddu, D. Velardo, A. Todeschini, A. Toscano, E.P. Verrengia, F. Manganelli, L. Piccolo, F. Gallia, E. Nobile-Orazio  
 (Milan, Turin, Brescia, Naples, Pavia, Treviglio, Varese, Rome, Messina, Naples, Palermo, Monza, Castelfranco Veneto, La Spezia, Padua; IT)
- P 2\_24** EVALUATION OF DERMAL NERVE FIBERS IN CIDP NODO-PARANODOPATHY PATIENTS  
R. Lombardi, J. Devaux, A. Cortese, P. Dacci, L. Benedetti, C. Demichelis, G. Lauria Pinter  
 (Milan, Pavia, Genoa, IT; Marseille, FR)
- P 2\_25** FACIAL DIPLEGIA WITH FACIAL NERVE ENHANCEMENT AT 3T-MRI AND ANTI-GANGLIOSIDE ANTIBODIES  
M. Ruiz, S.M. Tripodi, M. Campagnolo, A. Salvalaggio, S. Ruggero, E. Toffanin, M. Anglani, C. Briani  
 (Padua, IT)

- P 2\_26** EFFECTIVE INTRAVENOUS/SUBCUTANEOUS ADMINISTRATION SWITCHING IN IMMUNOGLOBULIN HIGHLY DEPENDENT CHRONIC INFLAMMATORY DEMYELINATING POLYNEUROPATHY: A CASE REPORT  
E. Schirinzi, L. Pasquali, E. Giorli, R. Calabrese, G. Siciliano (Pisa, IT)
- P 2\_27** IMMUNE CHECKPOINT INHIBITOR-INDUCED ACUTE NEUROPATHIES  
P. Tsouni, P. Devic, B. Moura, E. Planque, A.L. Bédât-Millet, J. Devaux, A.J. Steck, E. Delmont, A. F. Hottinger, T. Kuntzer (Lausanne, Lyon, Epinal, Rouen, Marseille, FR)
- P 2\_28** A NOVEL SERUM MICRORNA SIGNATURE TO SCREEN TRANSTHYRETIN-RELATED FAMILIAL AMYLOID POLYNEUROPATHY  
M. Aguenouz, A. Mazzeo, L. Gentile, C. Stancanelli, M. Russo, F. Polito, M. Ragusa, R.M. Di Giorgio, G. Vita (Messina, Catania, IT)
- P 2\_29** ACCURATE NEUROPHYSIOLOGICAL MONITORING FOR SENSORY NEUROPATHY IN MOUSE MODELS OF CHEMOTHERAPY INDUCED PERIPHERAL NEUROTOXICITY  
P. Alberti, G. Fumagalli, M. Laurà, E. Pozzi, G. Cavaletti (Monza, Milan, IT)
- P 2\_30** MUTATIONS IN THE HEME EXPORTER FLVCR1 CAUSE SENSORY NEURODEGENERATION WITH LOSS OF PAIN PERCEPTION  
D. Chiabrando, M. Castori, M. di Rocco, M. Ungelenk, S. Gieüelmann, M. Di Capua, A. Madeo, P. Grammatico, S. Bartsch, C. A. Hubbner, F. Altruda, L. Silengo, E. Tolosano, I. Kurth (Turin, Rome, Genoa, IT; Jena, Aachen, DE)

11.10-11.30 **Coffee break**

11.30-12.10 **Lecture 6**  
Chair: E. Nobile Orazio (Milan, IT)  
**Autoantibodies in CDP neuropathy**  
**J. Devaux (Marseille, FR)**

12.10-13.10 **Oral Communications 6**  
**- Inflammatory Neuropathies**  
Chairs: D. Cocito (Turin, IT) and A. Creange (Cedex, FR)

- 12.10** RETREATMENT WITH RITUXIMAB IN ANTI-MAG POLYNEUROPATHY: IS THE B-CELL-ACTIVATING FACTOR (BAFF) A NEGATIVE PROGNOSTIC FACTOR?  
M. Garnero, D. Franciotta, C. Briani, M. Campagnolo, M. Grandis, S. Fabbri, A. Beronio, G.L. Mancardi, A. Schenone, L. Benedetti (Genoa, Pavia, Padua, La Spezia, IT)
- 12.25** CORRELATION BETWEEN ULTRA HIGH FREQUENCY ULTRASOUND (UHFUS) IMAGING AND HISTOLOGICAL FINDINGS OF SURAL NERVE IN CIDP  
A. R. Puma, C. Cambieri, C. Buturi, M. Garibaldi, M.H. Soriani, C. Desnuelle, C. Raffaelli, S. Sacconi (Nice, FR; Rome, IT)
- 12.40** NEUROLOGICAL COMPLICATIONS OF ACUTE VIRUS E INFECTION (NEUROCAVE): AN OBSERVATIONAL, SWISS PROSPECTIVE STUDY  
P. Ripellino, G. Melli, C. Staedler, G. Martinetti, E. Pasi, M. Fraga, R. Sahli, V. Aubert, D. Moradpour, B.F. Décard, E. Ventura, E. Bernasconi, F. Bihl, M. Tiberti, A. Kaelin-Lang, C. Gobbi (Lugano, Bellinzona, Lausanne, Basel CH)
- 12.55** THE FRANCOPHONE ANTI-MAG COHORT: LESSONS LEARNED ABOUT THERAPEUTICS FROM THE ANALYSIS OF 202 PATIENTS  
J. P. Camdessanché, J. Svahn, P. Petiot, J.C. Antoine, C. Vial, E. Delmont, K. Viala, A. Magot, C. Cauquil, A. Zarea, A. Echaniz-Laguna, R. Iancu Ferfaglia, A. Guegen, L. Magy, J.M. Léger, T. Kuntzer, A. Steck, K. Ferraud, A. Lacour, J. P. Camdessanché, (Saint-Etienne, Lyon, FR)

**13.10-13.30** Closing remarks and Awards

## General Information

### Meeting Venue

Centro Congressi Giovanni XXIII  
Viale Papa Giovanni XXIII, 106, 24122 Bergamo

During the Meeting, the Organizing Secretariat will be available according to the following timetable

Thursday	20 April 2017	12.00 – 19.30
Friday	21 April 2017	8.00 – 19.30
Saturday	22 April 2017	8.00 – 13.30

You may contact the Organizing Secretariat by email ([asnp2017@theoffice.it](mailto:asnp2017@theoffice.it)) or at the mobile number **+39 338 1249818**

### Badge

Your personal ID badge will be ready for you at the Meeting Registration Desk. For security reasons, delegates and exhibitors will be asked to wear their ID badges during the whole Meeting.

### Registration fees

Registration fee includes access to scientific sessions, congress kit, and certificate of attendance.

Registration fee may be settled onsite: cash, bancomat and credit card (Visa and Mastercard) are accepted.

ASNP Members\* € 292,80 (VAT included)

ASNP Members - Under 35\* € 183,00 (VAT included)

ASNP Non-Member € 366,00 (VAT included)

ASNP Non-Member - Under 35 € 244,00 (VAT included)

\* To benefit from member fees you must have settled your ASNP 2017 membership.

### Thursday 20 April

Coffee break	16.10 – 16.40
Welcome cocktail	21.30

### Friday 21 April

Coffee break	10.10 – 10.30	
Lunch	13.00 – 14.30	at the Meeting venue
Coffee break	17.10 – 17.30	
Social dinner	20.30	

### Saturday 22 April

Coffee break	11.10 – 11.30
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## ASNP General Assembly

The General Assembly will take place on Friday 21 April 2017 at 18.30 at the Meeting Venue.

All ASNP Members who have paid their dues for 2017 will be allowed to attend. During the Meeting it will be possible to settle the 2017 ASNP Membership, paying the dues amounting to € 50,00.

## Poster session

Posters will be presented during the poster sessions.

Oral Poster Authors will be asked to present their work in 3 minutes during plenary session.

After oral presentation, all poster presenting authors will be asked to stay besides their posters for possible questions.

## Abstract publication

All accepted abstracts have been published on the online JPNS version (April edition) and will be available for ASNP members only from 18 April 2017 on the reserved area of the website [www.asnp.net](http://www.asnp.net).

## ECM \*\* for Italian participants only

Evento n. 1386-183250

L'evento è stato accreditato sul sito del Ministero della Salute per 150 partecipanti. Le professioni accreditate sono:

### *Professioni*

### *Discipline*

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#### **Medico chirurgo**

Medicina Fisica e Riabilitazione  
Neurologia  
Laboratorio di Genetica Medica  
Neurofisiopatologia

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#### **Biologo**

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#### **Farmacista**

Farmacia ospedaliera  
Farmacia territoriale

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#### **Tecnico Sanitario Laboratorio Biomedico**

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#### **Infermiere**

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#### **Tecnico di Neurofisiopatologia**

All'evento sono stati attribuiti 4,2 crediti formativi.

I crediti verranno assegnati solo a chi avrà completato il 90% del percorso formativo, frequentando tutte le sessioni (firme entrata/uscita) e restituendo il questionario di apprendimento compilato correttamente.

Gli attestati riportanti i crediti ECM saranno spediti dopo la verifica del completamento del percorso formativo.



**Thanks to**

**Kedrion**

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**Amiche per la Vita Onlus  
a favore degli ammalati di CMT**

## the office

