

March 12+13

Recklinghausen
Germany

Hospital
Knappschaft

Dorstener
Straße 151



TWS Symposium 2026

Thursday, March 12, 2026

9:00-9:10	Welcome & Introduction	Henry & Susanne Wahlig TWS
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Session 1: HSP genetics – what ´s known?

9:10-9:45	HSPs: Common pathways and pathogenetic mechanisms	Antonio Orlacchio <i>Perugia, Italy</i>
9:45-10:05	Gene curation: what about HSP?	Stephan Züchner <i>Miami, USA</i>

Session 2: HSP genetics – what ´s new?

10:05-10:25	Exploring the genetics of childhood-onset HSP: partial loss of FITM2 function as a novel cause?	Ainara Salazar-Villacorta <i>London, UK</i>
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10:25-10:45

Phenotype
associated with
biallelic SPAST
variants

Manon Degoutin
Bordeaux, France

COFFEE BREAK
10:45-11:10

Session 3: HSP genetics – what ´s next?

11:10-11:50

How new
technologies are
bridging the gaps in
genetics

Alex Hoischen
*Nijmegen,
Netherlands*

11:50-12:10

Long-read
sequencing
applications in HSP
and related
disorders

Liedewei Van de
Vondel
Miami, USA

12:10-12:30

TBA

N.N.

LUNCH & POSTERSESSION
12:30-14:00

Session 4: Functions and disfunctions of HSP genes

14:00-14:30

Stress responses in
Spg7-linked
hereditary spastic
paraplegia

Elena Rugarli
Cologne, Germany

14:30-14:45

Investigating Wshc-
5 (Strumpellin)
Function in C.
elegans:
Implications for
SPG8

Linda Nemetschke
*Halle-Wittenberg,
Germany*

14:45-15:00

Developing an in
vitro model of
Hereditary Spastic
Paraplegia Type 7 in
human iPSC-
derived i³Neurons

Eleni Theiaspra &
Isabelle Hall
Cambridge, UK

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Session 5: Natural history and longitudinal studies

15:00-15:20	Natural history and genotype-phenotype correlations in SPG4	Julian Alecu <i>Boston, USA</i>	
15:20-15:40	Natural history and genotype-phenotype correlations in SPG7 (PROSPAX)	Emilien Petit <i>Paris, France</i>	
15:40-16:00	Longitudinal brain MRI study in HSP	Marcondes Franca Jr. <i>Campinas, Brasil</i>	

COFFEE Break
16:00-16:30

Session 6: Refining outcome parameters in HSP

16:30-16:50	Patient priorities: What matters and why?	Mirlinda Ademi Heidelberg, Germany	
16:50-17:10	Modified Spastic Paraplegia rating scale	Jonas Saute Morales Porto Alegre, Brasil	

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17.10-17:25	Short talk selected on poster abstract	N.N.
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17:25-17:40	Short talk selected on poster abstract	N.N.
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19:00

TWS DINNER

At restaurant Wilma Wunder, located in the city
centre

Friday, March 13, 2026

Session 7: Therapies for HSP and related disorders

9:00-9:40	TBA	N.N.
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9:40-10:00	Treatment strategies for Adrenomyelo- neuropathy	Fanny Mochel <i>Paris, France</i>
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10:00-10:20	Friedrich ataxia skylarys	Valeria Gioiosa <i>Bordeaux, France</i>
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10:20-10:40	Targeted small molecule treatment approaches for the most common genetic ataxia (SCA27B)	Matthis Synofzik <i>Tübingen, Germany</i>
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COFFEE Break
10:40-11:10

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11:10-11:30	Fingolimod therapy in NCL3 children	Kevin Rostásy <i>Datteln, Germany</i>
11:30-11:50	Physical therapy	Tim Rattay <i>Kiel, Germany</i>
11:50-12:05	Short talk selected by poster abstract	N.N.
12:05-12:20	Short talk selected by poster abstract	N.N.

LUNCH & POSTER SESSION 12:20-13:50

Session 8: Treatable HSP forms

13:50-14:10	Potentially treatable hereditary spastic paraplegia linked to COQ9 deficiency	Gaetan Lesca <i>Lyon, France</i>
14:10-14:30	4-Hydroxybenzoic Acid Therapy for Mitochondrial COQ2 Deficiency	Felix Distelmaier <i>Düsseldorf, Germany</i>

Session 9: Ceremony Award

14:30-14:45	Adolf-Struempell-Prize	EURO HSP Federation, Gerald Fischer & N.N.
14:45-15:15	TWS Poster Prize	TWS, Susanne & Henry Wahlig & N.N.
15:15-15:30	Conclusions and perspectives	

End of the meeting