

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 <i>Bordeaux, France</i>
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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 <i>Nijmegen, Netherlands</i>
11:50-12:10	Long-read nanopore sequencing: applications in neurogenetics	Ingo Kurth <i>Aachen, Germany</i>
12:10-12:30	Long-read sequencing applications in HSP and related disorders	Liedewei Van de Vondel <i>Miami, USA</i>

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 <i>Cologne, Germany</i>
14:30-14:45	Investigating Wshc-5 (Strumpellin) Function in C. elegans: Implications for SPG8	Linda Nemetschke <i>Halle-Wittenberg, Germany</i>

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15:45-15:00	Developing an in vitro model of Hereditary Spastic Paraplegia Type 7 in human iPSC-derived i ³ Neurons	Eleni Theiaspra and Isabelle Hall <i>Cambridge, UK</i>
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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>Tübingen, Germany</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 <i>Heidelberg, Germany</i>
16:50-17:10	Modified Spastic Paraplegia rating scale	Jonas Saute Morales <i>Porto Alegre, Brasil</i>

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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	Huntington's disease: challenges and opportunities on the path to better therapies	Ralf Reilmann <i>Münster, Germany</i>
9:40-10:00	Treatment strategies for Adrenomyeloneuropathy	Fanny Mochel <i>Paris, France</i>
10:00-10:20	Friedrich ataxia skylarys	Valeria Gioiosa <i>Bordeaux, France</i>
10:20-10:40	Targeted small molecule treatment approaches for the most common genetic ataxia (SCA27B)	Matthis Synofzik <i>Tübingen, Germany</i>

COFFEE Break
10:40-11:10

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11:10-11:30	Fingolimod therapy in NCL3 children	Guido Goj <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