



# CONFERENCE PROGRAM

2026, FRIDAY 25TH OF SEPTEMBER (DAY 1)

8:30 AM / 9:00 AM

REGISTRATION & WELCOME COFFEE

9:00 AM

French organizing committee

**Opening remarks**

## SESSION 1 - FROM NOSOLOGY TO LONG TERM EVOLUTION

*CHAIRPERSON : Dr. Eleni PANAGIOTAKAKI & Mr. Dominique PONCELIN*

9:00 AM / 9:20 AM

Pr. Alexis ARZIMANOGLOU

***"Why regulatory clinical trials in ATP1A3 disorders are so challenging ?"***

9:20 AM / 9:40 AM

Pr. Sanjay SISODIYA

***"Environment matters"***

9:40 AM / 10:00 AM

Pr. Allison BRASHEAR

***"Changing Perspectives on RDP  
Lessons from 2 Decades of Clinical Research"***

10:00 AM / 10:20 AM

Pr. Kathleen SWEADNER

***"A look inside the spectrum of ATP1A3 symptoms"***

10:20 AM / 10:40 AM

Dr. Kathryn SWOBODA

***"Long-term evolution of alternating hemiplegia  
and circumstances of death"***

10:40 AM

Mr. Rémi ORHANT

***A tribute to the ATP1A3 disease children who have passed away***

10:40 AM / 11:20 AM

COFFEE BREAK





## SESSION 2 - CLINICAL SPECTRUM & NATURAL HISTORY

*CHAIRPERSON : Dr. Marietta PAPADOPOULOU & Mr. Rémi ORHANT*

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 11:20 AM / 11:40 AM | Pr. Andrew LANDSTROM<br><b>"Cardiac involvement and arrhythmic risk in ATP1A3 disorders"</b>                                           |
| 11:40 AM / 12:00 AM | Dr. Boris CHAUMETTE & Mrs. Romane SAVATTE<br><b>"Psychiatric manifestation across ATP1A3 disorders"</b>                                |
| 12:00 AM / 12:20 AM | Dr. Marietta PAPADOPOULOU & Dr. Eleni PANAGIOTAKAKI<br><b>"Clinical assessment scales and longitudinal monitoring in AHC"</b>          |
| 12:20 AM / 12:40 AM | Pr. Elisa DE GRANDIS<br><b>"A look inside the spectrum of ATP1A3 symptoms"</b>                                                         |
| 12:40 AM / 1:00 PM  | Pr. Claudio DE GUSMAO<br><b>"Clinical evaluation and natural history of ATP1A3 disorders : MGH / Harvard &amp; Sao Paulo datasets"</b> |
| 1:00 PM / 1:20 PM   | Pr. Simona BALESTRINI<br><b>"Neurophysiological characterisation of sleep in AHC"</b>                                                  |

1:20 PM / 3:20 PM

LUNCH

3:20 PM / 3:30 PM

PHOTO GROUP

## SESSION 3 - CORTICAL SPREADING DEPOLARIZATION & EXPERIMENTAL MONITORING

*CHAIRPERSON : Pr. Arn VAN DEN MAAGDENBERG & Mrs. Tsveta SCHYNS*

|                   |                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|
| 3:30 PM / 3:50 PM | Pr. Arn VAN DEN MAAGDENBERG<br><b>"Modulating abnormal brain activity in ATP1A3 mutant mice"</b>                      |
| 3:50 PM / 4:10 PM | Dr. Baptiste BALANCA<br><b>"The role of invasive cortical depolarizations in early brain lesions"</b>                 |
| 4:10 PM / 4:30 PM | Dr. Stéphane MARINESCO<br><b>"Monitoring cerebral metabolism &amp; translational hypotheses in ATP1A3 rat models"</b> |
| 4:30 PM / 4:50 PM | Dr. Owen RANDLETT<br><b>"Zebrafish ATP1A3 models and network dysfunction"</b>                                         |





**CHAIRPERSON : Dr. Boris CHAUMETTE**

4:50 PM / 5:10 PM

Dr. Timothy YU

***"Clinical translation of the ATP1A3 gene editing program"***

5:10 PM / 5:20 PM

Mr. Sigurdur HOLMAR JOHANNESSEN

***"AHC Europe Honorary Award Presentation"***

5:20 PM / 5:30 PM

French organizing committee

***1st day ending***

8 : 00 PM

**SYMPOSIUM DINNER GALA**





## 2026, Saturday 26th of September (DAY 2)

8:30 AM / 9:00 AM

WELCOME COFFEE

9:00 AM

French organizing committee

***Opening of the 2<sup>nd</sup> day***

***CHAIRPERSON : Mrs. Nienke LENTZE***

9:00 AM / 9:10 AM

Maëlys, Maëlyne, Géraldine, Noë & Manon (French AHC children)

***"Living with AHC"***

9:10 AM / 9:30 AM

Mrs. Bridget VRANCKX

***"From Understanding AHC to Understanding Life with AHC"***

### SESSION 4 - FUNDAMENTAL MECHANISMS & CELLULAR CONSEQUENCES

***CHAIRPERSON : Pr. Gaëtan LESCA & Mrs. Nina FROST***

9:30 AM / 9:50 AM

Pr. Alfred GEORGE

***"Basic disease mechanism in ATP1A3 disorders"***

9:50 AM / 10:10 AM

Dr. Charlott STOCK

***"The Na, K ATPase pump and related pathogenetic mechanisms of disease"***

10:10 AM / 10:30 AM

Dr. Elena ARYSTARKHOVA

***"Cellular consequences of ATP1A3 variants"***

10:30 AM / 10:50 AM

Pr. Hendrik ROSEWICH

***"Bioengineered neuronal organoids"***

10:50 AM / 11:10 AM

COFFEE BREAK





## SESSION 5 - THERAPEUTIC STRATEGIES & CLINICAL TRIALS

*CHAIRPERSON : Pr. Mohamad MIKATI & Mrs. Mirjana PAVLICEK*

11:10 AM / 11:30 AM

Mrs. Vicky PLATT

***"The power of persistence :  
advancing research & care in the ahc community"***

11:30 AM / 11:50 AM

Pr. Mohamad MIKATI

***"Gene supplementation approaches for ATP1A3 (D801N)  
& mouse models"***

11:50 AM / 12:10 AM

Dr. Quentin WELNIARZ

***"Results of the Oxytahane Study"***

12:10 AM / 12:30 AM

Dr. Francesco Danilo TIZIANO

***"Presentation of a pilot pharmacology trial"***

12:30 AM / 12:50 AM

Mr. Denny MEDJEDOVIC

***"New pediatric ODT formulation of flunarizine for AHC"***

12:50 PM / 1:10 PM

Pr. Carmen FONS (virtual mode)

***"Current symptomatic treatment strategies in AHC"***

1:10 PM / 3:10 PM

**LUNCH**

## SESSION 6 - EMERGING THERAPIES & GENE EDITING

*CHAIRPERSON : Pr. Emmanuel FLAMAND-ROZE & Mrs. Katherine BEHL*

3:10 PM / 3:40 PM

Authors of the 2 posters selected  
by the French organizing medical committee

***Abstract selected talk 1 / Abstract selected talk 2***

3:40 PM / 4:00 PM

Dr. Markus TERREY

***"Mouse models and therapeutic intervention in ATP1A3 disorders"***

4:00 PM / 4:20 PM

Dr. Alexander A. SOUSA

***"Developing gene editing as a therapeutic approach for AHC"***

4:20 PM / 4:40 PM

Mrs. Nina FROST

***" Collaborative New Initiatives  
and Future Direction in ATP1A3 Research"***

4:40 PM / 5:00 PM

Mr. Sigurdur HOLMAR JOHANNESSEN

***"Together We Move Science Forward"***





Final roundtable, all the participants

5:00 PM / 5:10 PM

***"What should be the next decade of ATP1A3 research look like ?"***

French organizing committee

5:10 PM / 5:20 PM

***Closing remarks***

Pr. Kevin ESS (ATP1A3 Standing committee)

5:20 PM / 5:30 PM

***2027 ATP1A3 Symposium announcement***

