DRAVET ITALIA Onlus
Associazione Italiana Sindrome di Dravet Onlus

4° HORIZONS FOR DRAVET SYNDROME

INTERNATIONAL SYMPOSIUM "DRAVET SYNDROME AND OTHER SODIUM CHANNEL RELATED ENCEPHALOPATHIES"

15-16 MARCH 2018, VERONA | PALAZZO DELLA GRAN GUARDIA

info@horizonsdravet.eu · www.horizonsdravet.eu

SCIENTIFIC COMMITTEE

Prof. Renzo Guerrini - Firenze, Italy
Prof. Helen Cross - London, UK
Prof. Bernardo Dalla Bernardina - Verona, Italy
Prof. Rima Nabbout - Paris, France
Dr. Francesca Darra - Verona, Italy

HONORARY PRESIDENT OF SYMPOSIUM

Charlotte Dravet - Marseille, France

ORGANIZING SECRETARIAT

Isabella Brambilla - Verona, Italy
Elisa Giarola - Verona, Italy
Hannah Rawlinson - Verona, Italy

PTS

via Nizza 45, 00198 Roma
Maura Stella

Dear friends and colleagues,

On the occasion of 40 years since Dravet Syndrome was first defined, and 8 years after organizing the first Workshop in Verona, we are very pleased to invite you once again to this magnificent city for the **"Dravet Syndrome and Other Sodium Channel Related Encephalopathies" International Symposium**.

The Symposium consists of two days focusing on scientific research relating to genes SCN1A, SCN2A and SCN8A.

The study of epilepsy and the care of children have changed remarkably in recent years, after the identification of the genetic causes of some epilepsy syndromes. The main epilepsy gene- the sodium channel alpha 1 (SCN1A)- has been linked to Dravet Syndrome, to a number of less severe forms of epilepsy, and to febrile convulsions. However, more than 15 years after the causative role of this gene was identified in these forms, and in spite of the large number of patients identified, the spectrum of clinical manifestations associated with SCN1A mutations continues to be enriched by new phenotypes and only recently has enough evidence been collected to foresee to what extent early clinical and genetic predictors seem to influence prognosis. Thanks to the advent of next-generation sequencing, the process that will eventually lead to fully highlight the phenotypical spectrum, long-term outcome, and role of genetic variation in the epilepsies associated with mutations of the other two main sodium channel genes associated with epilepsy- SCN2A and SACN8A- will hopefully be quicker but is until now nonetheless proving relatively slow.

Even slower, and particularly complex, is the process that has led to the gathering of evidence on the sensitivity of these conditions to medication. It has taken more than 16 years since the first controlled trial demonstrated the efficacy of add-on stiripentol in Dravet syndrome, before new trials to test the efficacy of two different molecules, fenfluramine and canabidiol, were launched in this same syndrome, and none seems to be on the horizon for the conditions associated with SCN2A- and SCN8A-related epilepsies. In order to address the main clinical, genetic and treatment issues that concern families, the specialists, and basic researchers alike; to explore to what extent disorders arising from mutations in this gene family overlap and differ; to better define the specific burden of comorbidities; and to explore the bases for rational treatment approaches, we have organized a thematic workshop to gather world-leading specialists in Verona to discuss available evidence and perspectives for future developments.

It will be a pleasure to share these two days of scientific research with you.

On behalf of scientific committee

Bernardo Dalla Bernardina, Renzo Guerrini

PROGRAM **DAY 1**
March 15th, 2018

09.00-09.20	**Symposium Opening: Officials' Welcome - Greetings** Federico Sboarina - the Town Mayor Francesco Cobello - the Managing Director of the General Hospital Board Nicola Sartor - Rector of Verona University

Chairperson: Bernardo Dalla Bernardina and Helen Cross

09.20-09.40	**Introduction: From Dravet Syndrome to Sodium Channel Encephalopathies** Renzo Guerrini
09.40-10.10	**Sodium Channel and Human Disease** Jeffrey Noebels
10.10-10.25	**Discussion**
10.25-10.40	**Coffee Break**

DRAVET SYNDROME AND OTHER SCN1A RELATED EPILEPSIES

10.40-11.10	**SCN1A related phenotypes** Ingrid Scheffer
11.10-11.40	**Beyond the epilepsies in SCN1A diseases** Rima Nabbout
11.40-12.00	**Discussion**
12.00-13.30	**Lunch**

Chairperson: Rima Nabbout and Tiziana Granata

13.30-13.50	**Mechanisms and models** Massimo Mantegazza
13.50-14.10	**Experience on iPSC Cells in Dravet Syndrome** Vania Broccoli
14.10-14.55	**Where are we with treatment options?** Helen Cross - Renzo Guerrini - Lieven Lagae
14.55-15.10	**Discussion**
15.10-15.30	**Management of prolonged seizure from prehospital treatment to intensive care unit** Federico Vigevano
15.30-15.45	**Long term outcomes** - Francesca Darra
15.45-15.55	**Teenagers - Clinical cases** - Domenica Battaglia
15.55-16.05	**Adults - Clinical cases** - Francesca Ragona
16.05-16.15	**Marseille Experience** - Pierre Genton
16.15-16.30	**Discussion**
16.30-16.45	**Coffee Break**
16.45-17.05	**1978-2018: A 40 year retrospective view of Dravet Syndrome** Bernardo Dalla Bernardina and Charlotte Dravet
17.05-18.05	**Session with contributions on the topic** Coordinators: Michelle Bureau and Gaetano Cantalupo
18.05-18.25	**Discussion**

19.00 *Welcome Dinner*

PROGRAM **DAY 2**
March 16th, 2018

Chairperson: Renzo Guerrini and Jeffrey Noebels

09.00-09.35	**Dravet Syndrome and its mimics** Carla Marini
09.35-09.50	**Discussion**

SCN2A

09.50-10.30	**Phenotypic spectrum of SCN2A related disorders, treatment options and outcomes in Epilepsy and Beyond** Markus Wolff
10.30-10.45	**Discussion**
10.45-11.00	**Coffee Break**
11.00-11.30	**The genetics of SCN2A** Johannes Lemke
11.30-12.10	**Mechanisms and Models** Holger Lerche
12.10-12.30	**Discussion**
12.30-14.00	**Lunch**

SCN8A

Chairperson: Carla Marini and Markus Wolff

14.00-14.30	**Phenotypic spectrum of SCN8A related disorders, treatment options and outcomes** Elena Gardella
14.30 -15.00	**The Genetics of SCN8A** Rikke Steensbjerre Møller
15.00 -15.30	**Mechanisms and Models** Miriam Meisler
15.30-15.45	**Discussion**
15.45 -16.00	**Coffee Break**
16.00-16.30	**Concluding remarks SCN1A - SCN2A - SCN8A** Bernardo Dalla Bernardina, Charlotte Dravet, Ingrid Scheffer, Renzo Guerrini and Jeffrey Noebels
16.30-17.30	**Session with contributions on the topic** Coordinators: Elena Parrini and Nicola Specchio
17,30-17.50	**Discussion**

FACULTY

Domenica Battaglia	Roma, Italy
Vania Broccoli	Milano, Italy
Michelle Bureau	Marseille, France
Gaetano Cantalupo	Verona, Italy
Helen Cross	London, UK
Bernardo Dalla Bernardina	Verona, Italy
Francesca Darra	Verona, Italy
Charlotte Dravet	Marseille, France
Elena Gardella	Dianalund, Denmark
Pierre Genton	Marseille, France
Tiziana Granata	Milano, Italy
Renzo Guerrini	Firenze, Italy
Lieven Lagae	Leuven, Belgium
Johannes Lemke	Leipzig, Germany
Holger Lerche	Tübingen, Germany
Massimo Mantegazza	Valbonne, France
Carla Marini	Firenze, Italy
Miriam Meisler	Ann Arbor, Michigan
Rikke Steensbjerre Møller	Dianalund, Denmark
Rima Nabbout	Paris, France
Jeffrey L. Noebels	Houston, USA
Elena Parrini	Firenze, Italy
Francesca Ragona	Milano, Italy
Ingrid Scheffer	Melbourne, Australia
Nicola Specchio	Roma, Italy
Federico Vigevano	Roma, Italy
Markus Wolff	Tübingen, Germany

FEE
DAY 1 and DAY 2

Registration Fee includes the following for all delegates:

- admission to all scientific sessions on days registered
- morning and afternoon tea/coffee breaks
- working lunches
- certificate of attendance
- Welcome Dinner on March 15th
- ECM accreditation (for Italian delegates only)

CANCELLATIONS

Cancellations must be made in writing to **registration@horizonsdravet.eu**

On before February registration fee refunded less 60%

REGISTRATION FEES	EARLY UP TO FEBRUARY 2018	LATE/LAST MINUTE
	Satellite Symposium Included	Satellite Symposium Included
REGULAR	250,00 €	300,00 €
RESIDENT	100,00 €	150,00 €
FAMILYES / ASSOCIATIONS	50,00 €	50,00 €

Event endorsed by EpiCARE
European Reference Network for Rare and Complex Epilepsies

NOTE

Organizational secretary

DRAVET ITALIA Onlus
Associazione Italiana Sindrome di Dravet Onlus

PTS

Supported by

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Dravet Syndrome European Federation

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AZIENDA OSPEDALIERA UNIVERSITARIA INTEGRATA VERONA

EpiCARE

European Reference Network
for rare or low prevalence complex diseases
Network Epilepsies (ERN EpiCARE)

Event endorsed by EpiCARE
European Reference Network for Rare and Complex Epilepsies

For further information please apply to the Organizing Secretariat

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e-mail: **info@horizonsdravet.eu**
Phone: **+39 3453589662**
www.horizonsdravet.eu