

FIFTEENTH EILAT CONFERENCE ON NEW ANTIEPILEPTIC DRUGS AND DEVICES (EILAT XV)

Virtual Conference

NEW ANTIEPILEPTIC DRUGS, July 27-30, 2020

DEVICES, August 3, 2020

ORGANIZING COMMITTEE

M. Bialer, Israel
S.I. Johannessen, Norway
M. Koepp, UK
R.H. Levy, USA
E. Perucca, Italy
P. Perucca, Australia
T. Tomson, Sweden
H.S. White, USA

FIFTEENTH EILAT CONFERENCE ON NEW ANTIEPILEPTIC DRUGS

Monday, July 27, 2020

15:00 – 15:10 **OPENING SESSION**

OPENING REMARKS AND GREETINGS

Meir Bialer, Organizing Committee, Jerusalem, Israel

GREETINGS

Emilio Perucca, Organizing Committee and
ILAE Immediate Past-President, Pavia, Italy

Moderators: **Svein Johannessen**, Norway and **Emilio Perucca**, Italy

15:10 – 16:05 **NEW DRUGS IN DEVELOPMENT – Session 1**

15:10 Introduction and Housekeeping

15:15 AMPA RECEPTOR ANTAGONISM via MEDIUM CHAIN FATTY ACIDS
Robin S.B. Williams, Royal Holloway University of London, UK

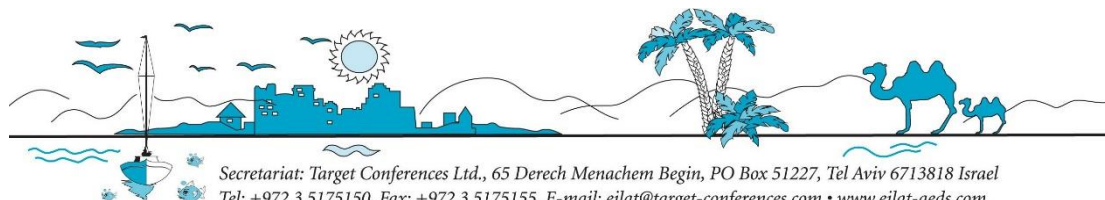
15:30 Q&A

15:35 CERLIPONASE ALFA
BioMarin Pharmaceutical Inc., CA, USA
Presented by **Nicola Specchio**, Bambino Gesù Children Hospital, Rome, Italy

15:50 Q&A

15:55 Discussion

16:05 **Break and Poster Viewing**



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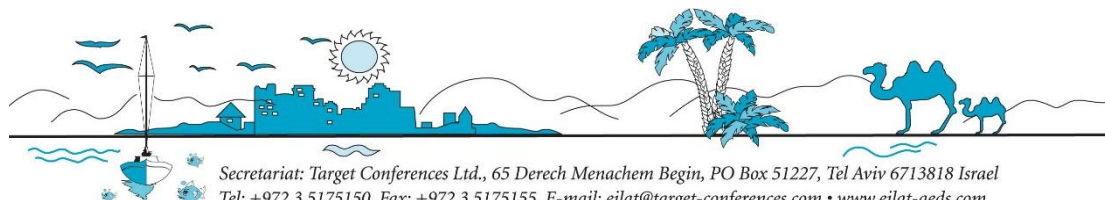
Monday, July 27, 2020 (continued)

16:15 – 17:25 NEW DRUGS IN DEVELOPMENT – Session 2

- 16:15 ANTISENSE OLIGONUCLEOTIDE TREATMENT FOR LAFORA DISEASE
Y. Paul Goldberg, *Ionis Pharmaceuticals*, Carlsbad, CA, USA
- 16:30 Q&A
- 16:35 BUMETANIDE AND BUMETANIDE DERIVATIVES FOR NEONATAL SEIZURES
Wolfgang Löscher, *University of Veterinary Medicine*, Hannover, Germany
- 16:50 Q&A
- 16:55 CENOBAMATE
Ilise Lombardo, *Arvelle Therapeutics*, Zug, Switzerland
- 17:10 Q&A
- 17:15 Discussion
- 17:25 **Break and Poster Viewing**
-

17:45 – 18:55 NEW DRUGS IN DEVELOPMENT – Session 3

- 17:45 CVL-865
Rachel Gurrell, *Cerevel Therapeutics, LLC.*, Boston, MA, USA
- 18:00 Q&A
- 18:05 2-DEOXY-(D)-GLUCOSE
Thomas Sutula, *University of Wisconsin*, Madison, WI, USA
- 18:20 Q&A
- 18:25 GANAXOLONE
Joseph Hulihan, *Marinus Pharmaceuticals Inc.*, Radnor, PA, USA
- 18:40 Q&A
- 18:45 Discussion



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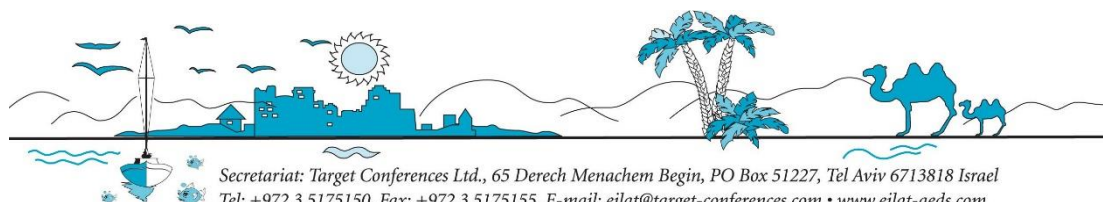
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Tuesday, July 28, 2020

Moderators: **Rene Levy**, USA and **Torbjorn Tomson**, Sweden

15:00 – 16:15 NEW DRUGS IN DEVELOPMENT – Session 4

- 15:00 Welcome Remarks
- 15:05 GAO-3-02, A NOVEL CNS-ACTIVE AMINOLIPID DERIVATIVE
GAOMA Therapeutics, Lyon, France
Presented by **M. Laurent Bezin**, Epilepsy Institute, Lyon, France
- 15:20 Q&A
- 15:25 HUMAN STEM CELLS-DERIVED GABAERGIC INTERNEURONS (GRAFTS)
Sonja Bröer, *Neurona Therapeutics*, San Francisco, CA, USA
- 15:40 Q&A
- 15:45 JNJ-40411813 and mGluR2 PAMs
Marc Ceusters, *Janssen R&D*, Beerse, Belgium
- 16:00 Q&A
- 16:05 Discussion
- 16:15 Break and Poster Viewing**



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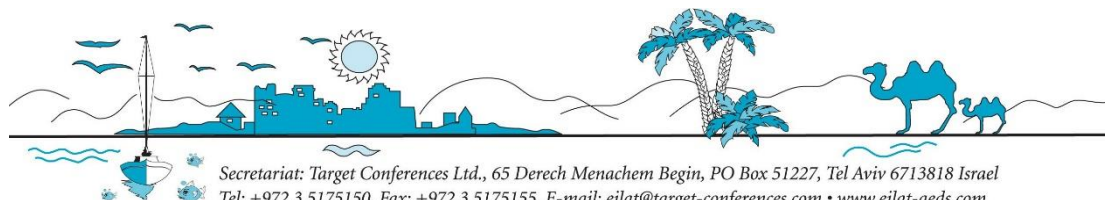
Tuesday, July 28, 2020 (continued)

16:25 – 17:35 NEW DRUGS IN DEVELOPMENT – Session 5

- 16:25 DIETARY TREATMENT OF DRUG-RESISTANT EPILEPSY UTILIZING MEDIUM CHAIN TRIGLYCERIDES
Vitaflo International Ltd, Liverpool, UK
Presented by **Matthew Walker**, University College London, UK
- 16:40 Q&A
- 16:45 NBI-921352 (XEN901)
Gordon Loewen, *Neurocrine Biosciences*, San Diego, CA, USA
- 17:00 Q&A
- 17:05 OMAVELOXOLONE (RTA 408)
Reata Pharmaceuticals, Inc., Irving, TX, USA
Presented by **Tawfeeq Shekh-Ahmad**, The Hebrew University of Jerusalem, Israel
- 17:20 Q&A
- 17:25 Discussion
- 17:35 **Break and Poster Viewing**
-

18:00 – 18:50 NEW DRUGS IN DEVELOPMENT – Session 6

- 18:00 *sec*-BUTYLPROPYLACETAMIDE (SPD)
Meir Bialer, The Hebrew University of Jerusalem, Israel
- 18:15 Q&A
- 18:20 XEN1101 and XEN496
Simon Pimstone, *Xenon Pharmaceuticals Inc.*, Burnaby, Canada
- 18:35 Q&A
- 18:40 Discussion



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Wednesday, July 29, 2020

Moderators: **Matthias Koepp**, UK and **H. Steven White**, USA

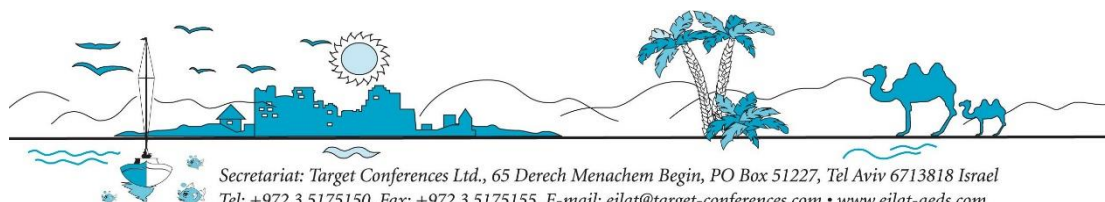
15:00 – 16:10 NOVEL EPILEPSY TREATMENTS EMERGING FROM DRUG REPURPOSING - Session 1

- 15:00 Welcome Remarks
- 15:05 THE POTENTIAL OF DRUG REPURPOSING IN EPILEPSY TREATMENT
Piero Perucca, Monash University, Melbourne, Australia
- 15:20 Q&A
- 15:25 ANAKINRA
Elaine Wirrell, The Mayo Clinic, Rochester, MN, USA
- 15:40 Q&A
- 15:45 EVEROLIMUS
Italfarmaco, Milan, Italy
Presented by **Romina Moavero**, University of Tor Vergata, Rome, Italy
- 16:00 Discussion
- 16:10 **Break and Poster Viewing**
-

16:25 – 17:15 NOVEL EPILEPSY TREATMENTS EMERGING FROM DRUG REPURPOSING - Session 2

- 16:25 FENFLURAMINE
Gail Farfel, *Zogenix, Inc.*, Emeryville, CA, USA
- 16:40 Q&A
- 16:45 QUINIDINE
Maurizio Tagliatela, University of Naples, Italy
- 17:00 Q&A
- 17:05 Discussion
- 17:15 **Break and Poster Viewing**

Wednesday, July 29, 2020 (continued)



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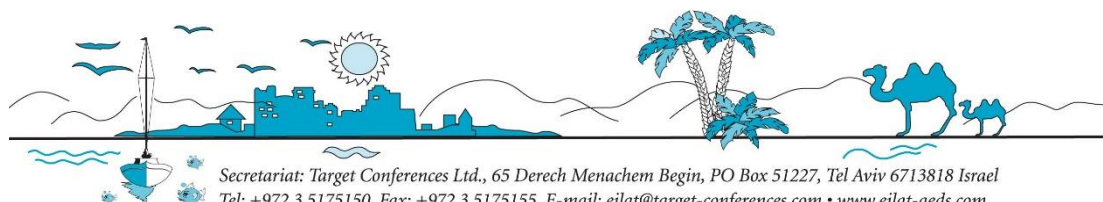
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17:35 – 18:45 PROGRESS REPORT ON MARKETED NEW AEDs – Session 1

- 17:35 BRIVARACETAM
Iryna Leunikava, *UCB Pharma GmbH*, Monheim, Germany
- 17:50 Q&A
- 17:55 CANNABIDIOL
GW Pharmaceuticals plc.
Volker Knappertz, *Greenwich Biosciences, Inc.*, Carlsbad, CA, USA
- 18:10 Q&A
- 18:15 ESLICARBAZEPINE ACETATE
Bial-Portela & C.^a, S.A., São Mamede do Coronado, Portugal
Presented by **Vicente Villanueva**, Hospital Univesitario y Polotecinico La Fe,
Valencia, Spain
- 18:30 Q&A
- 18:35 Discussion



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Thursday, July 30, 2020

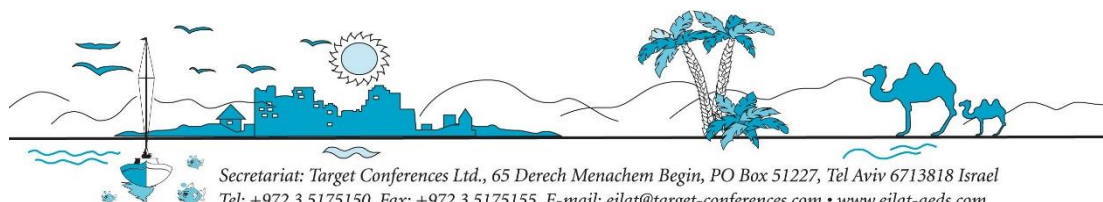
Moderators: Meir Bialer, Israel and Piero Perucca, Australia

15:00 – 16:15 PROGRESS REPORT ON MARKETED NEW AEDs – Session 2

- 15:00 Welcome Remarks
- 15:05 LACOSAMIDE
Robert Roebing, *UCB Biosciences GmbH*, Monheim, Germany
- 15:20 Q&A
- 15:25 PERAMPANEL
Leock Y. (Stella) Ngo, *Eisai Inc.*, Woodcliff Lake, NJ, USA
- 15:40 Q&A
- 15:45 STIRIPENTOL
Biocodex, Gentilly, France
Presented by **Elaine Wirrell**, The Mayo Clinic, Rochester, MN, USA
- 16:00 Q&A
- 16:05 Discussion
- 16:15 **Break and Poster Viewing**

16:35 – 17:25 INNOVATIVE EMERGENCY TREATMENTS – Session 1

- 16:35 DIAZEPAM AUTO-INJECTOR
Anh Nguyen, *Xeris Pharmaceuticals, Inc.*, Chicago, IL, USA
- 16:50 Q&A
- 16:55 INTRANASAL DIAZEPAM
Enrique Carrazana, *Neurelis Inc.*, San Diego, CA, USA
- 17:10 Q&A



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Thursday, July 30, 2020 (continued)

17:15 Discussion

17:25 **Break and Poster Viewing**

17:45 – 18:35 INNOVATIVE EMERGENCY TREATMENTS – Session 2

17:45 INTRANASAL MIDAZOLAM
Rita Campos, UCB Inc, Smyrna, GA, USA

18:00 Q&A

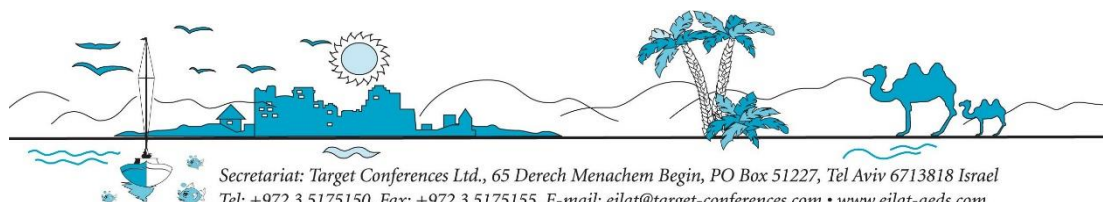
18:05 STACCATO ALPRAZOLAM
Jouko Isojarvi, Engage Therapeutics, Summit, NJ, USA

18:20 Q&A

18:25 DIAZEPAM BUCCAL FILM
Aquestive Therapeutics, Warren, NJ, USA
Presented by **Michael A. Rogawski**, UC-Davis, Sacramento, CA, USA

18:40 Discussion

18:35 – 18:40 End of NEW ANTIEPILEPTIC DRUGS conference and Concluding Remarks
Please join us for the conference on Devices, August 3, 2020



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FIFTEENTH EILAT CONFERENCE ON NEW ANTIEPILEPTIC DEVICES

Monday, August 3, 2020

19:30 – 20:40 **PROGRESS REPORT ON DEVICES FOR SEIZURE DETECTION AND TREATMENT** **Session 1**

Moderators: **Emilio Perucca**, Italy and **Torbjorn Tomson**, Sweden

19:30 Welcome Remarks

19:40 **OVERVIEW OF NON-INVASIVE SEIZURE DETECTION DEVICES**
Sándor Beniczky, Danish Epilepsy Centre, Dianalund and Aarhus University, Aarhus, Denmark

20:00 Q&A

20:10 **PERSONALIZED NEUROMODULATION THERAPY IN DRE PATIENTS TREATED WITH VNS THERAPY**
LivaNova Medical Affairs/R&D, *LivaNova PLC*, London, UK
Presented by **Kristl Vonck**, Ghent University Hospital, Ghent, Belgium

20:25 Q&A

20:30 Discussion

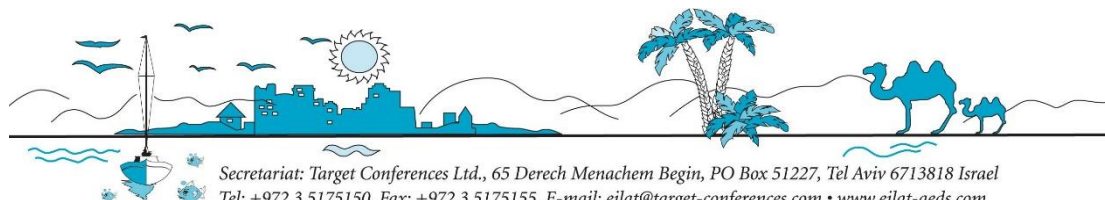
20:40 **Break and Poster Viewing**

21:00 – 21:50 **PROGRESS REPORT ON DEVICES FOR SEIZURE DETECTION AND TREATMENT** **Session 1**

Moderators: **Emilio Perucca**, Italy and **Torbjorn Tomson**, Sweden

21:00 **LASER THERMAL INTERSTITIAL ABLATION THERAPY**
Michael Sperling, Thomas Jefferson University, Philadelphia, PA, USA

21:15 Q&A



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Monday, August 3, 2020 (Continued)

21:00 – 21:50 PROGRESS REPORT ON DEVICES FOR SEIZURE DETECTION AND TREATMENT
Session 1 Continued

21:20 LESSONS LEARNED FROM RNS: POTENTIAL FOR IMPROVED TREATMENT OUTCOMES
Martha Morrell, *NeuroPace, Inc.*, Mountain View, CA, USA

21:35 Q&A

21:40 Discussion

21:50 – 22:45 ADVANCES IN SEIZURE PREDICTION AND DETECTION:
IMPACT ON SEIZURE MANAGEMENT
Session 2

Moderators: **Matthias Koepp**, UK and **Piero Perucca**, Australia

21:50 POTENTIAL OF ARTIFICIAL INTELLIGENCE AND BIG DATA
Davide Cirillo, Barcelona Supercomputing Center, Spain

22:10 Q&A

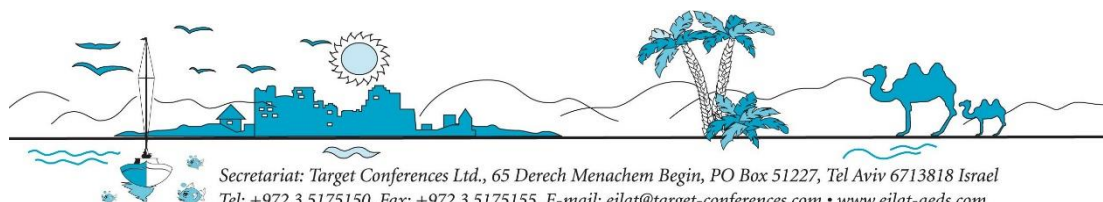
22:15 NEXT GENERATION VNS: IMPACT OF BIG DATA ON TREATMENT ALGORITHM
Sandy Black, *LivaNova Medical Affairs/R&D*, *LivaNova PLC*, London, UK

22:30 Q&A

22:35 Discussion

22:45 **Break & Poster Viewing**

Continued on overleaf



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Monday, August 3, 2020 (Continued)

23:00 – 23:55 **ADVANCES IN SEIZURE PREDICTION AND DETECTION: IMPACT ON SEIZURE MANAGEMENT Session 2**

Moderators: **Matthias Koepp**, UK and **Piero Perucca**, Australia

23:00 DATA DRIVEN TREATMENT: USING BIOMARKERS TO ASSESS DISEASE BURDEN
Martha Morrell, *NeuroPace, Inc.*, Mountain View, CA, USA

23:15 Q&A

23:20 LONGTERM INTRACRANIAL EEG: POTENTIAL FOR ON DEMAND INTERVENTIONS
Mark Cook, The University of Melbourne, Australia

23:40 Q&A

23:45 Discussion

23:55 End of NEW ANTIEPILEPTIC DEVICES Conference and Concluding Remarks

