Oryzon will participate at the 14th International Conference on Alzheimer's Drug Discovery

Barcelona, May 17th, 2013. Oryzon announced today that Dr. Tamara Maes will present the latest advances of its LSD1 program in neurodegenerative disorders at the 14th International Conference on Alzheimer's Drug Discovery: on September 9-10, 2013 at the Hyatt Regency in Jersey City, NJ.

Barcelona, May 17th,, 2013. Oryzon's will give an oral presentation entitled "LSD1/MAOB Inhibitors as Disease Modifying Drugs for Alzheimer's Disease" within the *Neuroprotection and Synaptic Plasticity* session from 12:00 on Monday. September 9, 2013**.** Lysine specific demethylase 1 (LSD1, KDM1A), is an epigenetic modulator able that regulates gene expression by demethylating histones. LSD1 forms part of protein complexes involved in transcriptional regulation, and mis-regulation of these transcriptional complexes may result in disease.

The potential use of LSD1 inhibitors is not limited to oncological disease. LSD1 is well known to partner with Co-REST and REST/NRSF, a gene involved in the repression of neuronal genes in non-neuronal cells. Aberrant levels or activity of REST/Co-REST complexes has been implicated in different neurodegenerative diseases like Huntington's disease, Rett syndrome and increased REST expression was found in the brain of Alzheimer disease patients. Data in animal models of these neurodegenerative disorders obtained with our CNS candidate ORY-2001 will be presented.

Now celebrating its 14th meeting, the purpose of the conference is to accelerate the development of innovative treatments for Alzheimer's disease (AD), related dementias and cognitive aging. The ADDF's funded investigators and top level scientists in the field will present on their current research progress and network with invited industry partners. See below the complete agenda.

Epigenetics is a hot spot field in the pharmaceutical industry. It is predicted that world revenues for epigenetic therapies and technologies will reach $2.73bn in 2015 and that the overall market will grow with a CAGR of 16% between 2010 and 2015. Therapies will remain the largest source of revenue in the epigenetics market. The deal activity on the field is intense.

Oryzon Genomics is the global leader in Histone Lysine Demethylases with an special emphasis on Lysine Specific Demethylases (LSD1 and LSD2). LSD1 is a flavin dependent amine oxidase capable of selective demethylation of Lys-4 of histone H3. LSD1 has been proposed as a target for oncology, viral diseases and neurodegeneration. Oryzon has a wide drug-discovery program on LSD1 with around 900 compounds and two preclinical candidates. According to Carlos Buesa, C.E.O. of the company. "*Oryzon's compounds are by far the most potent LSD1 inhibitors described, and we have identified now a subset of diseases in which this*

mechanism looks particularly efficient. The company has a dominant patent position in LSD1 with 18 patent families and we are really happy to communicate to the Epigenetic community our progresses and the potential of LSD1 as therapeutic target in hematological cancers. For any company willing to play a role in these indications we are the partner of choice"

About Oryzon

Founded in 2000, Oryzon (www.oryzon.com) has one of the most complete technological platforms for biomarker identification in Europe. With a strong specialization in genomics, proteomics and bioinformatics, the company identifies biomarkers for a variety of neoplasic and neurodegenerative diseases. The company has a powerful platform for biomarker and target validation which includes technologies such as RNAi, microarrays, phage display and a structural genomic platform with a fragment screening approach (NMR and X ray crystallography). Oryzon develops new drugs and monoclonal antibodies against targets identified in its biomarker discovery programs but also develops diagnostic products.

For further information, please contact:

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14TH INTERNATIONAL CONFERENCE ON ALZHEIMER'S DRUG DISCOVERY

SUNDAY, SEPTEMBER 8TH	
5:00–7:00	**ON-SITE PRE-REGISTRATION**
MONDAY, SEPTEMBER 9TH	
8:00 – 8:30	**REGISTRATION & CONTINENTAL BREAKFAST**
8:30 – 8:50	**Welcome & Opening Remarks** Howard Fillit, MD, Executive Director, ADDF
8:50 – 9:30	**The Biology of Aging: How Risk Factors for Alzheimer's Disease Inform Drug Discovery** Nir Barzilai, MD, Albert Einstein College of Medicine
I. Neuroprotection and Synaptic Plasticity **Chair: Penny Dacks, PhD, ADDF**	
9:30 – 9:35	**Session Overview: Penny Dacks, PhD, ADDF**
9:35 – 9:55	**Validation of a Novel Target Mechanism to Counter Progression of Alzheimer's Disease** Lawrence Wennogle, PhD, Intra-Cellular Therapies Inc.
9:55 – 10:05	*Q&A*
10:05 – 10:25	**Rescue of Neuronal Plasticity and Cognitive Impairment in Aged Rats** ***Funded through the ADDF-Charles River Partnership Program*** Khalid Iqbal, PhD, New York State Institute for Basic Research in Developmental Disabilities
10:25 – 10:35	*Q&A*
10:35 – 11:05	**BREAK**
11:05 – 11:25	**Development of Small Molecule Hepatocyte Growth Factor Mimetic for the Treatment of Dementia** Joseph Harding, PhD, M3 Biotechnology
11:25 – 11:35	*Q&A*
11:35 – 11:55	**Preclinical Development of "Painless" Human Nerve Growth Factor** Antonino Cattaneo, PhD, Scuola Normale Superiore, Italy
11:55 – 12:05	*Q&A*
12:05 – 12:25	**LSD1/MAOB Inhibitors as Disease Modifying Drugs for Alzheimer's Disease** Tamara Maes, PhD, Oryzon Genomics
12:25 – 12:35	*Q&A*
12:35 – 1:30	**LUNCH AND POSTER SESSION**
II. Mitochondrial Function and Neuroinflammation **Chair: Diana Shineman, PhD, ADDF**	
1:30 – 1:35	**Session Overview: Diana Shineman, PhD, ADDF**
1:35 – 1:55	**Lead Discovery of Novel Small Molecule Compounds Effective in Restoration of Mitochondrial Function** Eugenia Trushina, PhD, Mayo Clinic Rochester
1:55 – 2:05	*Q&A*

2:05 – 2:25	**ETB Receptor Agonist, IRL-1620, for the Treatment of Alzheimer's Disease** Seema Briyal, PhD, Midwestern University
2:25 – 2:35	*Q&A*
2:35 – 2:55	**Optimization of P2X7 Antagonists for Alzheimer's Disease Treatment** Paolo Pevarello, PhD, Axxam SpA
2:55 – 3:05	*Q&A*
3.05 – 3.25	**Target-based Discovery of Druggable Regulators of Peroxynitrite-Induced Nitration as a Novel Treatment Strategy for Alzheimer's Disease** John Schetz, PhD, University of North Texas Health Science Center at Fort Worth
3:25 – 3:35	*Q&A*
3:35 – 3:45	**BREAK**
3:45 – 4:05	**Characterizing the Mitophenotypes of Alzheimer's Disease: Peripheral Cell Biomarkers for Patient Selection and Measurement of Drug Response** Marcie Glicksman, PhD, Harvard Neurodiscovery Center
4:05 – 4:15	*Q&A*
4:15 – 4:35	**Pilot Trial of Metformin in the Prevention of Alzheimer's Disease** Jose Luchsinger, MD, MPH, Columbia University
4:35 – 4:45	*Q&A*
4:45 – 5:05	**Evaluation of an mTOT Modulator Insulin Sensitizer as a Treatment for Alzheimer's Disease** Jerry Colca, PhD, Metabolic Solutions Development Company
5:05 – 5:15	*Q&A*
5:15 – 5:20	**Closing Remarks and Announcement of Young Investigator Awards** Diana Shineman, PhD, ADDF
5:20 – 7:00	**NETWORKING RECEPTION AND POSTER SESSION**

TUESDAY, SEPTEMBER 10	
8:00 – 8:30	**CONTINENTAL BREAKFAST**
8:30 – 9:10	**Plenary: Challenges and Opportunities in Repurposing FDA-Approved Drugs for Neurodegenerative Diseases** Jeff Cummings MD, Cleveland Clinic
III. Translatable Biomarkers to Accelerate Clinical Development **Chair: Howard Fillit, MD, ADDF**	
9:10 – 9:15	**Session Overview: Howard Fillit, MD, ADDF**
9:15 – 9:35	**Glutamatergic Dysfunction in Cognitive Aging Disorders and a Therapeutic Target** Ana Pereira, MD, The Rockefeller University
9:35 - 9:45	*Q&A*
9:45 – 10:05	**Sartans to Slow Alzheimer's Disease** Sandra Black, MD, Sunnybrook Research Institute, University of Toronto
10:05 –10:15	*Q&A*
10:15 –10:35	**Effect of Novel GLP1 analogue, Liraglutide on Microglial Activation and Cerebral Glucose Metabolism in Mild Alzheimer's Disease** Paul Edison, MBBS, MRCP, PhD, FRCPI, Imperial College London
10:35 –10:45	*Q&A*

10:45 –11:10	**BREAK**
11:10 –11:30	**A Phase IIa, Double Blind, Placebo-Controlled, Biomarker Study of Atomoxetine in Subjects with Mild Cognitive Impairment** Allan Levey, MD, PhD, Emory University School of Medicine
11:30 –11:40	*Q&A*
11:40 –12:00	**Development of Sphingolipid Biomarkers for Alzheimer's Disease and Lewy Body Dementia** ***Funded Through the ADDF-Lewy Body Dementia Association (LBDA) Partnership Program*** Michelle Mielke, PhD, Mayo Clinic Rochester
12:00 –12:10	*Q&A*
12:10 –12:30	**Development of Synaptic Biomarkers Related to AMPA-Receptor Trafficking in Alzheimer's Disease** ***Funded Through the ADDF-New York Academy of Sciences (NYAS) Challenge Grant*** Douglas Galasko, MD, University of California, San Diego
12:30 –12:40	*Q&A*
12:40 – 1:25	**LUNCH AND POSTER SESSION**
IV. ApoE, Tau and Protein Clearance Chair: Rachel Lane, PhD, ADDF	
1:25-1:30	**Session Overview: Rachel Lane, PhD, ADDF**
1:30 – 1:50	**Modulation of Human apoE Isoform Levels as a Therapeutic Target** Mary Jo LaDu, PhD, University of Illinois at Chicago
1:50 – 2:00	*Q&A*
2:00 – 2:20	**Gene Delivery of Apolipoprotein E2 as a Treatment for Alzheimer's Disease** Steve Paul, MD, Weill Medical College of Cornell University
2:20 – 2:30	*Q&A*
2:30 – 2:50	**Translating Genetics into Biomarkers and Therapies: ApoE/Aβ and ApoJ/Aβ Complex Levels and Lipidation State as Alzheimer's Disease Biomarkers Modulated by VPA** Steven Estus, PhD, University of Kentucky Research Foundation
2:50 – 3:00	*Q&A*
3:00 – 3:20	**BREAK**
3:20 – 3:40	**Development of Screening Assays for Tauopathy in Stem Cell Derived Neurons** Tae Wan Kim, PhD, Columbia University Medical Center
3:40 – 3:50	*Q&A*
3:50 – 4:10	**Proteasome Activators as Drug Candidates for Alzheimer's Disease** Li Huang, PhD, Duke University
4:10 - 4:20	*Q&A*
4:20 – 4:40	**Development of Small Molecule Enhancers of Autophagy for the Clearance of Protein Aggregates and Treatment of FTD** ***Funded through the ADDF-Association for Frontotemporal Degeneration (AFTD) Partnership Program*** Haung (Ho) Yu, PhD, Columbia University Medical Center
4:40 – 4:50	*Q&A*
4:50 – 5:00	**Closing Remarks** Howard Fillit, MD, ADDF