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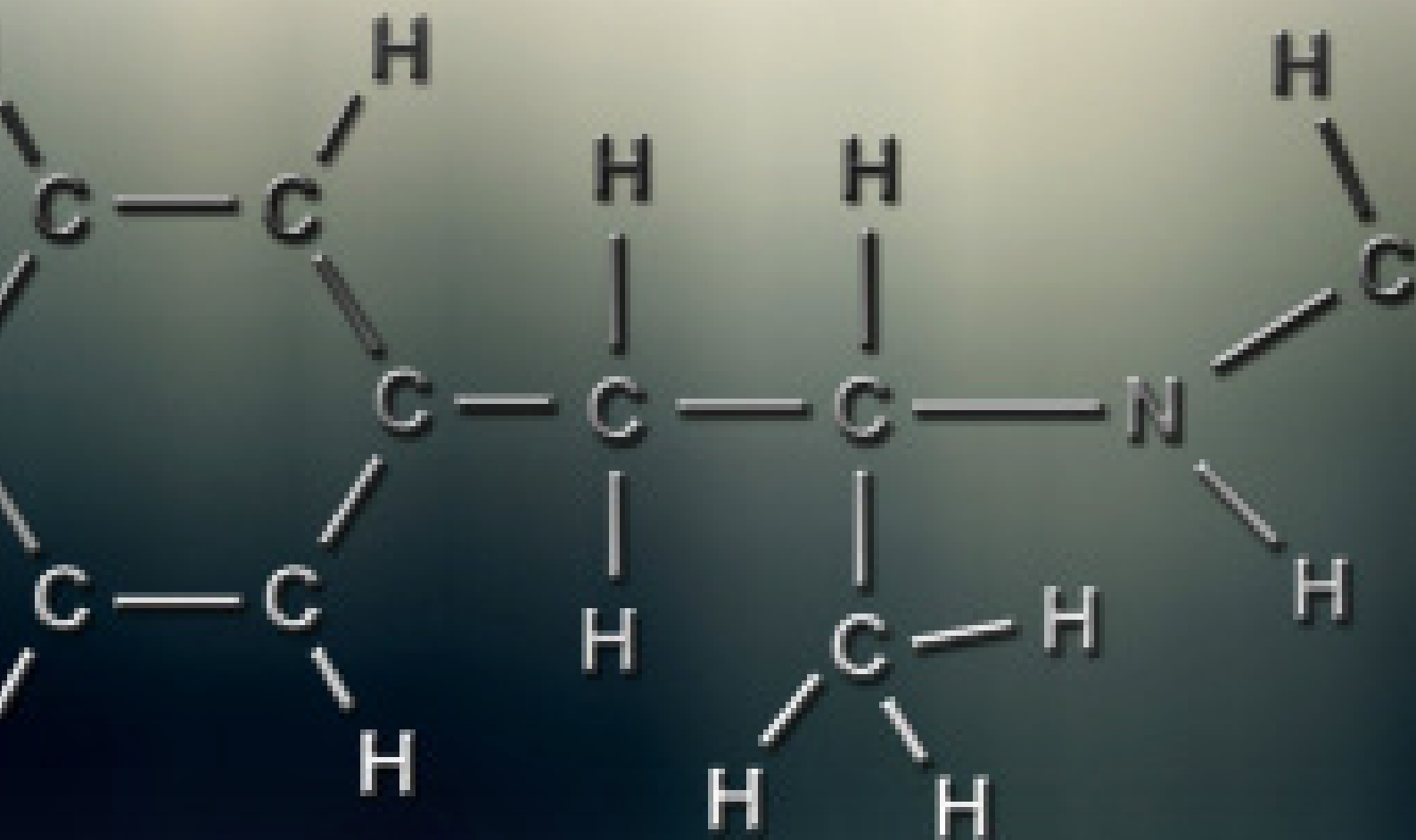
588th Conference

Scientific Program

Global Congress on

Nucleic Acids: Biology, Health & Diseases

August 04-05, 2016 New Orleans, USA



Hosting Organizations: Conference Series LLC

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Day 1

August 04, 2016

10:00-10:30 Registrations

Meeting Hall

conference**series**.com 10:30-10:40

Opening Ceremony

Keynote Forum

10:40-10:50 Introduction

10:50-11:30 Title: **The versatility of nucleic acids in biology and their promise in medicine**

Jonathan Perreault, INRS - Institut Armand-Frappier, Canada

Networking and Refreshments Break: 11:30-11:50 @ Foyer

11:50-12:30 Title: **Origin of biological nucleic acids and the first genetic system (the progene hypothesis)**

Anatoly D Altstein, I.M.Sechenov 1st Moscow State Medical University, Russia

Group Photo

Track 1: Nucleic Acids

Track 2: RNA Interference

Track 3: Nucleic Acid Therapeutics

Session Chair: Jonathan Perreault, INRS - Institut Armand-Frappier, Canada

Session Co-chair: Woojin An, University of Southern California, USA

Session Introduction

12:30-13:00 Title: **MacroH2A acts as a key regulator of osteolytic bone metastasis of cancer cells**

Woojin An, University of Southern California, USA

13:00-13:30 Title: **High Efficient "-1" and "-2" ribosomal frameshiftings revealed by a mechanomagnetic force spectroscopy**

Yuhong Wang, University of Houston, USA

Lunch Break 13:30-14:30 @ Restaurant

14:30-15:00 Title: **Design and selection of hammerhead ribozymes**

Jonathan Perreault, INRS - Institut Armand-Frappier, Canada

15:00-15:30 Title: **RNA detection in living cancer cells by far-red emitting PNA-FIT probes**

Eylon Yavin, The Hebrew University of Jerusalem, Israel

15:30-16:00 Title: **Structural insights into mechanism of B- to Z-DNA transition induced by A...A mismatch in a DNA duplex comprising of CAG & GAC trinucleotide repeat expansions**

Thenmalarchelvi Rathinavelan, Indian Institute of Technology Hyderabad, India

Networking and Refreshments Break: 16:00-16:20 @ Foyer

Panel Discussions

Day 2

August 05, 2016

Meeting Hall

Track 1: Nucleic Acids

Session Introduction

10:30-11:00 Title: **Peptide Nucleic Acids (PNAs) as antimalaria agents**

Eylon Yavin, The Hebrew University of Jerusalem, Israel

Networking and Refreshments Break: 11:00-11:20 @ Foyer

11:20-11:50 **Video Presentation on RILES, a novel engineered genetic-switch expression system for the temporal analysis of microRNA expression in small animal model**
Patrick Baril, University of Orléans, France

Poster Presentations 11:50-12:40

- P01 **Title: Polymorphic G-quadruplex forming segment in promoter region of the c-MYC oncogene**
Michaela Krafcikova, Central European Institute of Technology, Czech Republic
- P02 **Title: Ovarian cancer derived exosomes: Non-coding RNA (ncRNA) signatures and therapeutic targets**
Gouda K Helal, The University of Al-Azhar, Egypt
- P03 **Title: Impact of SNPs on the action of antihypertensives**
Rabail Razi, University of the Punjab, Pakistan
- P04 **Title: Morphology and molecular diversity of Leishmaniasis and sand fly species in Albaha region, Saudi Arabia**
Ali E. Alghamdi, University of Glasgow, UK

Lunch Break 12:40-13:40@ Restaurant

Closing Ceremony



Bookmark your dates

2nd Global Congress on

Nucleic Acids: Biology, Health & Diseases

August 21-22, 2017 Philadelphia, USA

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