conferenceseries.com

4th International Congress on EPIGENETICS & CHROMATIN

September 03-05, 2018 London, UK



Exhibitor

Promega

diagenode
Innovating Epigenetic Solutions

porvair sciences

Contact : lucywat@protonmail.com for more Speaker / Sponsorship / Exhibition opportunities!

Tentative Program

Email: lucywat@protonmail.com, epigenetics@oncologyseries.com

Website: https://epigenetics.conferenceseries.com/

DAY 1
Monday, 03rd September

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01

KEYNOTE LECTURES

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Cancer Epigenetics	**Talks On:** Chromatin Assembly, Stem Cells and Aging
Novel epigenetics targets in cancer	Targeting DNA Methylation and Chromatin for Cancer Therapy
Histone variants and histone modifications	Genetic and epigenetic aspects of breast cancer progression
Cancer stem cells	Chromatin Architecture and Chromosome Organization
Epigenetic tools and technologies	Biophysics of epigenetic and chromatin dynamics

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Exploring identity: lessons from genomes and epigenomes	**Talks On:** Epigenetic Therapies and Biomarkers
Chromatin, Epigenetics & Transcription	Biomarkers research
The Epitranscriptome	Cancer biomarkers
Nuclear Organization & Function	Molecular biomarkers discovery
Mechanisms of Recombination	Functional proteomics and recombinant proteins
Genome, epigenetic inheritance and development	Drug discovery
Chromatin Complexes	Personalized medicine and Data testing

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Epigenetics and Cancer Sciences	Workshop

DAY 2
Tuesday, 04th September

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50	MEETING HALL 01	MEETING HALL 02
	Talks On: Current Case studies/ Discussions: Epigenetics	**Talks On:** Epigenetics Research
	RNA-dependent modes of epigenetic regulation	Animal Epigenetics
	Epigenetics and ethics	Developmental Epigenetics
	Targeted epigenetic modification	Plant Epigenetics
	New epigenetic phenomena	Pathology and molecular medicine
	Epigenetics: The science of change	Neuronal Epigenetics
	Epigenetics in Human Evolution	Cardiovascular Epigenetics

12:50-13:35 LUNCH BREAK

13:35-15:55	MEETING HALL 01	MEETING HALL 02
	Talks On: Epigenetics and Environmental Origins of Cancer	**Talks On:** Genetic Disorders
	Epigenetic effects of air pollutant exposure	Human genetics
	Epigenetics and human diseases	Genetic testing
	Ecological epigenetics	Immunogenetics
	Evolutionary Epigenetics	Human genome sequencing and mapping
	Epigenetics factors	Chromosomal disorders
	Epigenetics Mechanism	Medical genetics
	Stem Cells and regeneration	Gene therapies

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

DAY 3
Wednesday, 05th September

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50	MEETING HALL 01	MEETING HALL 02
	Talks On: Epigenetic Mechanisms	**Talks On: Genome Engineering for Cancer Treatment**
	Epigenetic mechanisms regulating brain development and stem cells	Revolutionizing cancer research with CRISPR
	Transcriptional and translational regulation	CRISPR/Cas9 advance editing techniques
	3D epigenome and chromatin topology	Genome editing in model systems
	Neuronal specific splicing	Bioinformatics/Biostatistics approaches
	Brain developmental disorders, aging and neurodegeneration	Data analysis for cancer research
	Single-cell analysis	Biological computations

12:50-13:35 LUNCH BREAK

13:35-15:55	MEETING HALL 01	MEETING HALL 02
	Talks On: Epigenetic Diseases – Clinical Applications	**Talks On: Meeting Wrap-Up: Outcomes and Future Directions**
	Trans-generational inheritance	4D Nucleome, Computational Modeling and Chromatin Architecture
	Chromatin dysregulations in cancer	Epigenetics in human health
	Emergence of epitranscriptomics	Epigenetics in bioprocess engineering
	Chromatin assembly, stem cells and aging	Editing the epigenome
	Novel therapeutic discoveries in epigenetics	Detecting epigenetic modifications (DNA, RNA, histones)
	CRISPR-based gene editing for drug discovery & targeted therapies	Proteomics in cardiovascular biology and medicine
	Nano & medical biochemistry	Systems epigenetics: Towards Precision Cancer Medicine

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Epigenetics and Cancer Sciences	Workshop

Awards & Closing Ceremony

Organizing Committee Members



David S. Schrump

National Cancer Institute, USA



Jiangwen Zhang

University of Hong Kong,



Alvaro Macieira-Coelho

French National Institute of Health, France



Kari Stefansson

deCODE Genetics , Iceland



Alyssa Alabassi

Royal College of Surgeons of Edinburgh, UK



Sinisa Dovat

Pennsylvania State University, USA



Bernd Kaina

University Medical Center, Germany



I.M. Bennani-Baiti

Cancer Epigenetics Society, Austria



Mariam Matar

UAE Genetic Disease Association, UAE



Jörn Walter

University of Saarland , Germany



Michelle M. Hanna

Ribomed Biotechnologies, USA

PAST AFFILIATES

PAST AFFILIATES

David S Schrump
National Cancer Institute, USA

Kari Stefansson
deCODE genetics, Iceland

Alyssa Alabassi
Royal College of Surgeons of Edinburgh, UK

Heidrun Karlic
Hanusch Hospital, Austria

Sinisa Dovat
Pennsylvania State University , USA

Keith Booher
Zymo Research Corporation, USA

Barbara Burwinkel
German Cancer Research Center, Germany

Malgorzata Wiench
The University of Birmingham, UK

Stephan Claes
University of Leuven, Belgium

Ian James Martins
Edith Cowan University, Australia

Ilaria Naldi
University of Florence, Italy

Wancai Yang
Jining Medical University, China

Aslican Çakkalkurt
Koc University Hospital, Turkey

Dan Levy
Ben-Gurion University, Israel

Sanjay Gupta
Tata Memorial Centre, India

Bernd Kaina
University Medical Center, Germany

Mario Bauer
Helmholtz Centre for Environmental Research– UFZ,Germany

Albert Jeltsch
University of Stuttgart, Germany

Oliver H Krämer
University Medical Center, Germany

Andre Fischer
German Center for Neurodegenerative Diseases , Germany

Zhuqiang Zhang
Chinese Academy of Sciences, China Lunch Break 13:10 -

Emmy P Rogakou
EpigenFocus, Greece

Arnab Nayak
Hannover Medical School, Germany

Nafisa Huseni Balasinor
National Institute For Research In Reproductive Health India

PAST AFFILIATES

PAST AFFILIATES

Daniel Nätt
Linköping University, Sweden

Chengqi Lin
Southeast University, China

Fatima Enaya
Jordan University of Science and Technology, *Jordan*

Hannah Eadie
The University of Birmingham, UK

Yonghua Bao
Jining Medical University, China

Harmeet Gill
The University of Birmingham, UK

Arsene Cosmin
AMS 2000 Genetic Laboratory, Romania

Asmarinah
University of Indonesia, Indonesia

Nesreen Mohamed Sabry Afifi Mattar
Tanta University Hospitals, Egypt

Ririn Rahmala Febri
University of Indonesia, Indonesia

María Inmaculada Calvo Sánchez
Ramón y Cajal University Hospital, Spain

Benjamin Gonzalez Lopez
Escuela Superior de Medicina, Mexico

Raquel Arminda Carvalho Machado
University of Sao Paulo, Brazil

Bengt Åke Anderson
Linköping University, Sweden

Neimat Abd El Hakam Yassin
Mansoura university, Egypt

Berna Demircan Tan
Istanbul Medeniyet University, Turkey

Suraiya Rasheed
University of Southern California, USA

Jenny Wang
University of New South Wales, Australia

Manal H Al Khanbashi
Higher College of Technology, Oman

Pedro Sanchez Rovira
Xanit International Hospital, Spain

Atsushi Kaneda
Chiba University, Japan

Ladan Teimoori-Toolabi
Pasteur Institute of Iran, Iran

Sang Hyun Lee
Duke-NUS Medical School, Singapore

Jose Perez Del Palacio
MEDINA Foundation, Spain

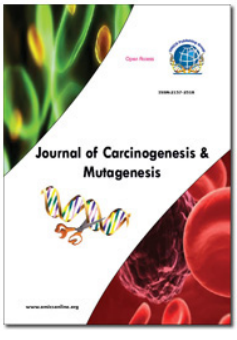
Collaborators

Media Partners

Supporting Journals



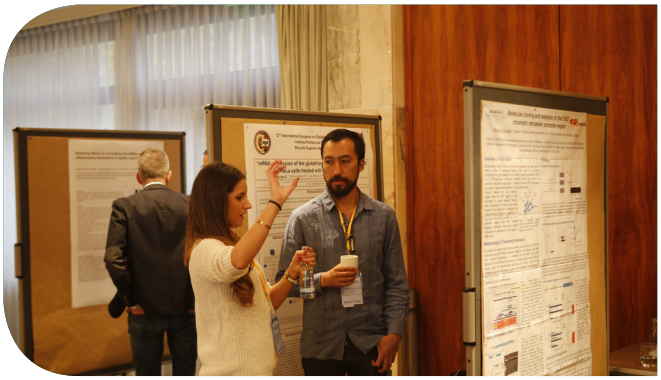




Glimpses of Epigenetics & Chromatin Conferences

















Glimpses of Epigenetics & Chromatin Conferences

















Glimpses of Epigenetics & Chromatin Exhibitors





LONDON Attractions

