Arabic World: a Culture in motion
An opportunity for Italian young Researchers
Graduate level research university governed by an independent Board of Trustees.

Merit based, **open to all** from around the world.

Conducts both fundamental and goal-oriented research to contribute to
Global human progress

Fostering cutting edge research in the areas of **Math, Physics, Chemistry
Engineering, Nanotechnology, Bioscience**.

Collaborative research projects, linking industry R&D and economic development.

Core Competitive Grant Funding System
2nd World Largest Endowment (After Harvard).
Currently 80 Nations represented

Multicultural Community

Beacon of a major Government sponsored higher education program. 
Currently more than 150,000 Students (50% women) studying abroad.

Transition from Oil-Based to Fundamental Knowledge based Economy

Multicultural Community

Currently 80 Nations represented

Infrastructures, Education, Health, Technology
150+ world class faculty (still recruiting to reach 225) directs the University’s talented graduate students, post docs and researchers.

The KAUST student body at maturity will total 2000 students. The current population is 1000+ students.

Current Post Doctoral and research staff totals 560+ members.

Incubator for Spin offs, R&D support
By a dedicated Economic Development Department.
Faculty positions in Environmental Epigenomics (all levels) available at KAUST Environmental Epigenomics Research Program.
Faculty positions in Epigenetics (all levels) available at KAUST Environmental Epigenetics Research Program.
BESE Division

Functional Biology

Epigenetics

Environmental Systems

Genomics

Imaging/Structural Biology

Stem Cell Biology and Tissue Regeneration

Marine Science

Genomics

Imaging/Structural Biology

Environmental Systems

Epigenetics
A huge Genetic Island

King Abdullah University of Science...
The Red Sea Research Center has both the immediate access to reefs and world-class facilities, making it perfectly situated to develop an integrated understanding of coral reef ecosystems and their oceanographic context.

Current projects:
• Extremophiles in the Deep Brine Pools of the Red Sea
• Modeling the Ecosystem of the Red Sea
• Whale Shark Tagging/Tracking Project

Xabier Irigoyen
Director
The Center for Desert Agriculture focuses in studying the molecular mechanisms underlying plant tolerance to drought and salt-stress conditions, and in developing technology to improve these conditions to improve food security.

Current projects:
- Halophyte Domestication
- Engineering Drought and Salinity Tolerance in Wheat, Tomatoes and Rice.

Heribert Hirt
Director
Welcome by Prof. Orlando
A brief introduction about KAUST Environmental Epigenetics Research Program.

Research News
Prof. Wolfgang Fischle joins the Kaust Environmental Epigenetics Program
Zymo Research Visited KAUST

Events
Seminars and Conferences
Epigenetics Club

Epigenetics
Why we are not just what our DNA is?
MAJOR PARTNERSHIP
BETWEEN KEEP AND OTHER ENTITIES
epigenetics & environment
KAUST-UCI Symposium
KAUST, Thuwal, Saudi Arabia
December 2 to 6, 2015

confirmed speakers:

Moussa Benhamed
KAUST
Shelley Berger
University of Pennsylvania
Vincent Colot
ENS, Paris
Anne Ferguson-Smith
University of Cambridge
Wolfgang Fischle
KAUST
Fred Gage
Salk Institute
Ueli Grossniklaus
University of Zurich
Rudolf Jaenisch
Massachusetts Institute of Technology
Edith Heard
Institut Curie, Paris
Axel Imhof
University of Munich
Rob Martienssen
CSHL, HHMI
Renato Paro
ETH Basel
Timothy Ravasi
KAUST
John Rinn
Harvard University
Carmen Sandi
EPFL, Lausanne
Robert Schneider
IBMC, Strasbourg
Maria Torres Padilla
IBMC, Strasbourg
Li–Huei Tsai
Massachusetts Institute of Technology
Antonella Riccio
University College London
Eric Verdin
University of California, SF
Rick Young
Whitehead Institute for Biomedical Research
Ken Zaret
University of Pennsylvania

organizers:

Valerio Orlando
KAUST
Paolo Sassone–Corsi
University of California, Irvine
Emiliana Borrelli
University of California, Irvine
Pierre Magistretti
KAUST
Juan Carlos Izpisua Belmonte
Salk Institute
Faculty Positions Epigenetics

The Biological and Environmental Sciences and Engineering (BESSE) Division at King Abdullah University of Science and Technology (KAUST) has launched its new Environmental Epigenetics Research Program (EEP), an initiative led by Professor Valerio Orlando (valerio.orlando@kaust.edu.sa).

Among the strategic aims of this research initiative is the unraveling of the fundamental mechanisms that control genome function and the ability to learn, remember and interact with the environment. These include signaling (e.g. metabolism) to chromatin, noncoding genome output and dynamics, nuclear architecture, epigenomics and how this matters for development, adaptation, cell reprogramming, tissue regeneration, transgenerational inheritance, in particular in somatic tissues and extreme environments. For more information on this strategic initiative, please visit http://keepl.kaust.edu.sa.

KAUST is seeking international, top qualified candidates, willing to pursue highly innovative, ground-breaking, interdisciplinary, fundamental-question and technology-oriented research projects to advance the field of Epigenetics and our current knowledge of epigenome function, and explore potential applications.

Applications for faculty positions at all ranks (Assistant, Associate, and Full Professor) are now welcome. Please visit http://apptrkr.com/4216381 under the Employment tab to apply. Applications received by April 15, 2014 will receive full consideration, however, positions will remain open until filled.

About KAUST

KAUST is an international, graduate research university dedicated to advancing science and technology through interdisciplinary research, education, and innovation. Located on the shores of the Red Sea in Saudi Arabia, KAUST offers superb research facilities, generous assured research funding, and internationally competitive salaries, attracting top international faculty, scientists, engineers, and students to conduct fundamental and goal-oriented research to address the world’s pressing scientific and technological challenges related to the sustainability of water, food, energy, and the environment.

www.kaust.edu.sa
Postdoctoral positions in Epigenetics at KEEP

KAUST Environmental Epigenetics Research Program
Laboratory of Epigenetics and Cell Reprogramming

The Biological and Environmental Sciences and Engineering (BESE) Division at King Abdullah University of Science and Technology (KAUST) has launched its new Environmental Epigenetics Research Program (KEEP). This research initiative on Epigenetics is aimed at the investigation of the fundamental mechanisms that control genome-environment interactions and how this matters for cell identity, reprogramming and adaptation.

Applications for Postdoctoral fellowships are now welcome in the Laboratory of Professor Valerio Orlando. Applicants must hold a PhD and preferably have experience in epigenetics, chromatin, RNA-protein interactions, and/or computational sciences.

Projects include: the systematic investigation of the functional role of the noncoding part of the genome, particularly epigenetic mechanisms controlled by polymers, RNA, chromatin associated mRNA and repetitive elements in somatic cell differentiation, adaptation, stress response and reprogramming.

This unique initiative is enhanced by interdisciplinary research with other areas at KAUST, such as: mathematics, computational sciences, biophysics, chemistry and engineering; in addition to the state-of-the-art research facilities and Core Labs for “omics” and bioimaging; and the strategic joint programs with other international epigenetics centers and networks.

About KAUST
KAUST is an international, graduate research university dedicated to advancing science and technology through interdisciplinary research, education, and innovation. Located on the shores of the Red Sea in Saudi Arabia, KAUST offers superb research facilities, generous assured research funding, and internationally competitive salaries, attracting top international faculty, scientists, engineers, and students to conduct fundamental and goal-oriented research to address the world's pressing scientific and technological challenges related to the sustainability of water, food, energy, and the environment.

For inquiries please contact:
Professor Valerio Orlando
Head of the Environmental Epigenetics Research Program
valerio.orlando@kaust.edu.sa
http://keep.kaust.edu.sa