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We invite you to register and submit an abstract for the Inaugural AACR International Meeting: Advances in Malignant Lymphoma: Maximizing the Basic-Translational Interface for Clinical Application, which is being held in cooperation with the International Conference on Malignant Lymphoma (ICML).

This must-attend program will provide a unique forum for interactive discussion and brainstorming among basic scientists, translational researchers, clinical investigators, hematologists, radiotherapists, pediatric oncologists, pathologists; and computational and systems biologists, and patient-advocates about how recent advances and emerging areas of lymphoma research hold enormous potential for transforming clinical care.

The AACR is the first and largest professional organization in the world dedicated to conquering all cancers, both solid tumors and blood cancers, and this inaugural lymphoma meeting serves as the launching point for an increased focus on lymphoma and related lymphoid malignancy programs presented by the AACR.

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Student E-poster Competition Winners

The 2018 Student E-poster Competition took place at the AAAS Annual Meeting in Austin on February 17-18. The winners’ work displayed originality and understanding that set them apart from their peers. The 2019 AAAS Annual Meeting poster entry site will open in July 2018.

BRAIN AND BEHAVIOR
Winner: Christopher Tokita, Princeton University
Towards Complex Societies: Division of Labor Helps Early Social Groups Succeed

Honorable Mention: Gabriella Cabrera-Brown, Arizona State University
Arupt Nicotine Reduction Increases Essential Value of Nicotine and Exacerbates Reinstated Nicotine Seeking

CELLULAR AND MOLECULAR BIOLOGY
Winner: Melody Tan, Rice University
Optical Imaging for Improved Oral Cancer Diagnosis at the Point of Care

Honorable Mention: Kimberley Kissoon, University of Houston, Downtown
Density-Dependent Colony Expansion of Socially Mobile Myxococcus Xanthus Cells is Driven by Exopolysaccharides

Honorable Mention: Oluwaseun Adegbite, University of California, Irvine
Widespread Blatem-1b Locus within Flexible Multidrug Resistance Region in an Environmental Escherichia Coli

DEVELOPMENTAL BIOLOGY, PHYSIOLOGY AND IMMUNOLOGY
Winner: Caitlin Short, University of Wisconsin, Madison
Growth Cone Invadosome Formation and Function in Axon Growth and Guidance

Honorable Mention: Edward van Opstal, Vanderbilt University
The Genetic Basis of Host Suppression of a Maternally Transmitted Bacterium

Honorable Mention: Emily Bryant, University of California, Irvine
A Multiresistance Region Including Extended Spectrum β-Lactamase Antibiotic Resistance Genes in an Escherichia Coli Collected from an Aquatic Environment

EDUCATION
Winner: Ally Huang, Massachusetts Institute of Technology
Synthetic Biology Educational Kits Based on Cell-Free, Freeze-Dried Biomolecular Components

Honorable Mention: Michael McClellan, Massachusetts Institute of Technology
Investigating Meteorological and Anthropogenic Effects on Urban Air Quality

ENVIRONMENT AND ECOLOGY
Winner: Jennifer Schlauch, The University of Texas at Austin
Microbial Communities Associated with the Social Paper Wasp Polistes Exclamans (Hymenoptera: Vespidae)

Honorable Mention: Danial Nasr Azadani, Texas A&M University-Corpus Christi
A Novel Bacteriophage for a Promising Viable Alternative in the Fight Against Antibiotic-Resistant Bacteria

MEDICINE AND PUBLIC HEALTH
Winner: Vasiliki Rahimzadeh, McGill University
Teaching the Blockchain to Facilitate Learning Primary Healthcare Systems

Honorable Mention: Norah Ashoura, The University of Texas at Austin
The Force Awakens: Illuminating the Role of Kynurenine in Cancer Progression and Treatment

Honorable Mention: Glenn Guardamondo, University of California, Irvine
Poly(Lactide-Co-Glycolide) and the Innate Immune Response Following a Spinal Cord Injury Drives Human Neural Stem Cell Fate

PHYSICAL SCIENCES
Winner: Yujin Cho, The University of Texas at Austin
Study of Nonlinear Optical Properties of Indium Selenide Using Second Harmonic Generation Microscopy

Honorable Mention: Jia Hui Li, Columbia University
High-Performance Porphyrin-Based Dye-Sensitized Solar Cells with Iodine and Cobalt Redox Shuttles

Honorable Mention: Samantha M. Powell, University of Oklahoma
Formation of Myoglobin-Nitroso Adducts from Amine- and Nitro-Containing Drugs

SCIENCE AND SOCIETY
Winner: Rachel Damiani, University of Florida
Relating to Researchers: How Citizen Scientists Invest in Learning the Language of Science

Honorable Mention: Victor Rodriguez, University of Central Florida
A Look at Nanomedicine Clinical Trials in Comparison to Disability-Adjusted Life Year (DALY)

Honorable Mention: Alexis Darby, Arizona State University
Tuberculosis in Arizona: An Examination of its Effects on Communities, Infrastructure, and Health from 1890 to 2010

SOCIAL SCIENCES
Winner: Charlotte Till, Arizona State University
Environmental Perceptions and Their Place within Migration Decision Frameworks: Analysis from At-Risk Locations Along the US Gulf Coast

Honorable Mention: Cyrus Hester, Arizona State University

TECHNOLOGY, ENGINEERING AND MATH
Winner: Rileigh Bandy, The University of Texas at Austin
Investigating Global Optimization Methodology

Honorable Mention: Sam Aminfard, The University of Texas at Austin
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Japan’s top-notch university in sport sciences promotes healthier lifestyles
—Health Promotion: The Joy of Sports and Exercise

Waseda University has played a leading role promoting Japanese sports since its founding. The university produced Japan’s first Olympic gold medalist in 1928. This legacy is carried on by student athletes and alumni, such as internationally known swimmers Ippei Watanabe and Natsumi Hoshi; and figure skaters Yuzuru Hanyu and Shizuka Arakawa. Notably, 24 of these athletes competed at the Rio 2016 Olympic and Paralympic Games, bringing home six medals. “Our athletes are now training for the 2020 Tokyo Games,” says Toshimasa Yanai, head of the Health Promotion: The Joy of Sports and Exercise Unit.

Waseda’s global presence in sports is not limited to competition. Based on statistics published by the 2017 Quacquarelli Symonds (QS) World University Rankings, the university ranked 1st in Japan and 19th in the world in sports-related subjects including health and sport sciences.

“Japan faces challenges in terms of physical and mental well-being issues, for example, inactivity among children and the increasing number of elderly people who require nursing care,” explains Yanai. “The goal of our unit is to promote healthier lifestyles by establishing a global center in education and research for the field of health and sport sciences.”

On an academic level, the unit is trying to achieve this through its newly established, English-based Master’s course focusing on health and exercise sciences, and sport management, scheduled to start in September 2018. Yanai says that Waseda is not only looking for highly motivated students for the program, but is also recruiting international staff to teach and conduct research for the program.

“Most of the faculty members of this unit studied abroad for their doctorates,” adds Yanai. “We want to use their experience to play a greater global role in sport sciences, and investigate ways to help solve various health-related issues that affect people of all ages.”

Health Promotion: The Joy of Sports and Exercise Unit
www.waseda.jp/inst/sgu/en/unit/health-promotion

For reconciliation and sustainable development in East Asia
—Global Asia Studies

“World leaders and academics have resolved major conflicts in Southeast Asia and Africa, but there are hardly any such initiatives in East Asia,” says Naoyuki Umemori, head of the Global Asia Studies Unit. “The goal of this unit is to establish interdisciplinary approaches on reconciliation and sustainable development in East Asia, and disseminate our results globally.”

But why is Waseda University leading such activities? “Waseda was founded in 1882 by Shigenobu Okuma, a Japanese politician and former prime minister,” explains Kazuo Kuroda, deputy faculty of the unit. “Good citizenship and making contributions to peace and prosperity in Asia were central to his vision for the university. Through this unit, we are implementing our tradition of promoting peace and harmony in 21st-century East Asia.”

The unit offers courses taught by experts with backgrounds including history, economic development, media studies, and international law. Because attaining reconciliation in East Asia is a challenging and multifaceted task requiring intricate management skills as well as genuine support and understanding from participating institutes overseas, Umemori and Kuroda have established partnerships with institutes including Korea University, Nanyang Technological University, National Taiwan University, Peking University, the Harvard-Yenching Institute, and the Université libre de Bruxelles.

“There is increasing, genuine interest in this area of research,” says Kuroda. “We will undertake the development of individuals contributing to resolve various problems facing the world today, [who are] rooted in the university’s long-standing tradition and experience.”

Global Asia Studies Unit

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