

Research Themes by Faculty Member

Graduate School of Business

Ishii, Shinichi

Research on cooperation between corporations

Kobayashi, Tetsu

Marketing management, Strategic brand management

Zhai, Linyu

Corporate financial policy and capital markets

Nakase, Akifumi

History of Japanese electrical power industry, historical discussion of industrial regions surrounding Osaka, History of Production System

Yamada, Jin-ichiro

Strategic Entrepreneurship, Corporate Strategy, Entrepreneurship and Corporate Governance

Yoshimura, Norihisa

Rationality of unique corporate governance and management observed in family businesses, German companies, etc.

Li, Jiesheng

Research on management system and industrial relations between Japanese companies and Chinese companies

Wang, Dongming

Research on the Chinese capital market

Ozawa, Takashi

Competitive dynamics and strategic management

Takada, Teruko

Crowd behavior analysis using financial big data

Wang Yixuan

Human resource management and organizational theory

Kiyota, Takumi

Financial practices in Germany and development of financial theory, Regional Banking

Kamino, Mitsushiro

Research on the evolution of the U.S. financial system

Suzuki, Yotaro

Geographic expansion and international specialization in multinational corporations

Takahashi, Nobuhiro

Offshore software development from Japan to China

Taguchi, Naoki

Economics and history of technology

Fujii, Teruaki

Modern society and the role of statistics, Statistical research on changes in society

Fujitsuka, Yoshihiro

Inner city problems and gentrification studies

Honda, Tetsuo

Municipal government policies for development of region and small and medium-sized enterprises

Miyagawa, Hisao

Distribution of corporate profits through capital markets and interests and dialogue between shareholders and management

Yokemoto, Masafumi

Regional environmental policy, environmental regeneration of pollution-devastated areas, responsibility for environmental costs and damages

Enmaru, Tetsuma

Consumer behavior in retail stores, Consumption communities

Kitano, Yuji

Research on banking capital adequacy in the U.K. financial system

Tatemi, Junya

Research on urban and local industries through the concept of convention

Maki, Yoshiaki

Development process of Automobile industry

Matsunaga, Keiko

Research on regional economy and management

Ishikawa, Hiroyuki

Theoretical and empirical research on the relationship between accounting information and stock prices

Mukoyama, Atsuo

Theory and practice of social environmental information disclosure by corporations (social environmental accounting theory)

Asano, Nobuhiro

Economic impact of disclosure activities

Ogata, Kensuke

Research on accounting regulations in a global economy

Hirose, Yoshitaka

Public sector accounting on experimental and textual analysis research

Bu, Zhiqiang

Research on cost management and business performance management

Okano, Hiroshi

Research on product development management (target costing) and urban creativity management

Graduate School of Economics

Nakajima, Tetsuya

Research on economic growth theory and recession theory

Okazawa, Ryosuke

Theoretical research on macroeconomics

Kitahara, Minoru

Applied microeconomics

Nakajima, Yoshihiro

Evolutionary understanding of markets through theory, case studies, and computational experiments

Naito, Katsuyuki,

Research on economic growth and inequality

Nakamura, Hideki

Domestic inequality, effects of mechanization

Nakagawa, Mitsuru

Research on the impact of structural changes with respect to unit root analysis

Hashimoto, Fumihiko,

Psycho-Economical Analysis of Human behavior

Wakamori, Midori

History of political and economic thought, Economic ethics, and Research on Karl Polanyi and social commons.

Nakamura, Kengo

Research on Max Weber, European integration and the nation-state, citizenship and human rights

Saito, Kohei

Research on "Capital: a critique of political economy", environmental political economics

Sugita, Naho

Research on unemployment, irregular employment, poverty, and social exclusion

Shiotani, Masachika

Comparative history of statistical systems in Modern Europe

Matsumoto, Atsushi

Public pension system reform, pension taxation, relationship between social security system and tax system in Japan

Shibata, Jun

Analysis of specialization and price formation mechanisms from production to consumption

Tsuji, Kenji

Theoretical model analysis of financial contracts

Ogawa, Ryoh

Empirical research on local public finance and urban and regional policy

Uranishi, Shuji

Quantitative analysis of regulatory policy for public utilities

Shigeno, Yukiko

Interrelation between Japanese economy and household spending behavior

Takatsuka, Hajime

Issues of spatial economies

Kuroda, Yuta

Empirical research on educational planning and policy-making

Isogawa, Daiya

Empirical industrial organization, empirical research on innovation

Park, Il

Korean region studies, Japan-Korea and Japan-North Korea relations theory, research on international labor mobility

Hao, Peng

Interrelation between foreign trade and domestic industrial structure, historical research on trade systems and merchant organizations

Moriwaki, Shota

Empirical research on economic development in Asian countries

Kubo, Akihiro

International macroeconomic analysis regarding financial crises

Iwanami, Yukari

International institutions and international security with an emphasis on conflict resolution and third-party intervention

Aruga, Toshiyuki

Research on multinational corporations, international trade and globalization

Kaneko, Katsunori

Thai area studies, ASEAN Economy, Empirical analysis on social development and social welfare

Graduate School of Law

Abe, Masaki

Empirical research on the law implementation process, social theory of law

Yasutake, Takahiko

Comparative research on Edo law and Osaka law in the modern era, criminal law and criminal proceedings in the beginning of the Meiji period

Watanabe, Masaru

The immigration control administration and foreigners' human rights, basic labor rights of government officials

Abe, Kazufumi

Constitution (especially freedom of press)

Shigemoto, Tatsuya

Modern significance of traditional systems for ensuring fulfillment of administrative obligations including administrative enforcement

Takata, Michiko

Judicial Review of Administrative Discretion, Legitimacy of Judicial Review

Mishima, Satoshi

Police transparency and deliberations at mixed jury trials

Kanazawa, Mari

Research on criminal attempt, especially voluntary abandonment and withdrawal or renunciation of attempt; comparative research on societal treatment systems for ex-offender rehabilitation

Tokunaga, Hajime

Theory of Criminal Responsibility or Liability

Matsukura, Haruyo

Right of silence, privilege against self-incrimination

Moriyama, Hiroe

Contract law and family law

Sugimoto, Takahisa

Historical research on contract law systems in Japan, Germany, and France

Fujii, Narunobu

Comparative research of contract law focused on laws of civil law countries and common law countries, international conventions, and private principles of contracts

Sakaguchi, Kou

Comparative research on remedies for non-performance under Japanese and German contract law

Yoshihara, Satoshi

Research on law of property, especially condominium, joint ownership, organization

Takahashi, Eiji

Comparative research on corporate law in Japan and Germany, history of acceptance of German commercial law, comparative research on corporate

Kogaki, Noritake

Audit and disclosure system in corporate governance

Naka, Takuma

Family Business and Corporate Law, Securities Regulation

Tsuruta, Shigeru

Research on multi-party litigation in civil litigation, litigation conduct rights, and legal force of decisions

Okanari, Genta

Comparative Research on Civil Procedure

Nemoto, Itaru

Research on labor contract laws in Japan and Germany

Kawamura, Takanori

Research on the state and corporate pension fund management

Fuchikawa, Kazuhiko

Research on regulations of monopsony, and digital platform markets

Kiryama, Takanobu

Effect of the activities of international organizations on the development of international law

Kunitomo, Akihiko

Interpretation of the Act on General Rules for Application of Laws and the Hague Convention on Child Abduction, Nationality law

Nakai, Aiko

Researches on international law making, regional integration of law and relationship between international and national law.

Katsuta, Takuya

Jury system, American constitutional history and judicial system

Moriya, Kenichi

Research on history of modern law in Germany

Wang, Chen

Comparative research on civil law, general Chinese law

Hieda, Takeshi

Political economy and social policies in advanced democratic countries

Umano, Akiko

History of political thought in the Renaissance and early modern Europe

Noda, Shogo

Political system of postwar Germany, European comparative politics

Nagai, Fumio

International relations in Southeast Asia, Thai politics, comparative local governance in Southeast Asia

Tezuka, Yosuke

Government and administration analysis regarding fault and blame, research on the history of postwar administration

Harada, Hirohiko

The liberal aspects of Tax Legalism

Graduate School of Literature and Human Sciences

Department of Philosophy and History

Nakahara, Takashi

Religious studies, philosophy of religion, history of western modern philosophy

Takanashi, Tomohiro

Late modern German aesthetics, art theory in modern Japan

Tsuchiya, Takashi

Ethics, Medical Ethics, Human Rights Studies, Moral Education

Sakon, Takeshi

Analytic philosophy, contemporary metaphysics

Niki, Hiroshi

Japanese medieval history

Kishimoto, Naofumi

Japanese archeology

Saga, Ashita

Japanese modern and contemporary history

Iwashita, Toru

Japanese ancient history

Saito, Hiroko

Early modern Japanese feudal society and community, Urban society

Hirata, Shigeki

Chinese early modern history

Watanabe, Kenya

Chinese modern history

Ueno, Masayuki

History of West Asia, history of the Ottoman Empire

Kitamura, Masafumi

Social history in modern Germany

Kusabu, Hisatsugu

Byzantine history, the medieval Church

Mukai, Shinya

French medieval history, village, state structure

Department of Human Behavioral Science

Ishita, Saeko

Visual sociology, Media & cultural studies, sociology of knowledge

Ijichi, Noriko

Sociology of the life world, regional sociology, Korean region research

Kawano, Eiji

Contemporary society, sociology of social policy

Sasajima, Hideaki

Urban sociology, art sociology

Hirayama, Ryo

Family sociology, Social gerontology, Gender studies

Ikegami, Tomoko

Social Psychology, Research on social identity and social cognition

Yama, Hiroshi

Cognitive Psychology, Reasoning, Cross-cultural Study, Thinking

Kawabe, Kouichi

Physiological Psychology, Behavioral Neuroscience

Saeki, Daisuke

Psychology of Learning, Behavior Analysis

Soeda, Haruo

Comparative education, oral and written language, extracurricular activities

Kashiwagi, Atsushi

Research on the history of Japanese education, history of elementary education system policy, and elementary school education

Mori, Hisayoshi

Teaching and Teacher Education, Curriculum and Instruction

Tsujino, Kemma

Educational administration and management

Shimada, Nozomi

Educational methodology, lesson study

Oba, Shigeaki

Urban Policy, German Area Studies

Mizuuchi, Toshio

Political and social geographic research on urban and national territory development

Yamazaki, Takashi

Research on political geography in Japan and Okinawa

Soda, Ryoji

Human geography, Southeast Asian Area Studies

Kimura, Yoshinari

Geography and information science

Department of Language and Culture

Niwa, Tetsuya

Japanese Language (primarily modern grammar)

Kobayashi, Naoki

Japanese Literature of the Middle Ages, mainly narratives and folklore

Kubori, Hiroaki

Early modern Japanese literature, mainly Bunraku (Japanese traditional puppet theater)

Okuno, Kumiko

Japanese Modern Literature (primarily the Taisho Era)

Yamamoto, Mayuko

Japanese Literature in the Heian Period

Chou, Shinmin

Chinese Film History

Oiwamoto, Koji

Chinese Language (phonology)

Takahashi, Miki

Classical Chinese literature, Tang Dynasty poetry

Tanaka, Takanobu

English Literature: Victorian Literature and Culture

Richards, Ian

Postcolonial literature/culture

Koga, Tetsuo

American Literature: Modern Poetry and Critical Theory

Toyota, Junichi

English linguistics, cultural anthropology

Uchimaru, Kohei

Shakespeare, History of English education

Takai, Kinuko

20th Century German literature and culture

Hasegawa, Kenichi

18th and 19th century German culture and literature

Nobukuni, Moe

Modern German language, Linguistics

Fukushima, Yoshiyuki

French Linguistics, Linguistic Pedagogy, Interaction Theory, French Literature, Theater Theory

Shirata, Yuki

French culture and literature at the end of the 19th century

Harano, Yoko

French literature and culture of the 20th century

Ikari, Yukio

Theory of Linguistics Applied (Research on L1 and L2 Processing)

Yamazaki, Masato

Linguistics, Cognitive and Typological Studies of Asian Languages

Tanaka, Kazuhiko

Pragmatics, Semantics

Tsuji, Kayo

English language education, Theories of second-language acquisition

Department of Cultural Management

Nozue, Noriyuki

Sexual expression theory, cultural systems theory, visual representation history theory

Takashima, Yoko

Comparative Culture, Comparative Studies of Folk Narratives and Folklore

Masuda, Satoshi

Popular music studies, Copyright theory, Media Studies

Ebine, Takeshi

Culture and Representation, Film studies, German Studies

Matsuura, Tsuneo

Modern and Contemporary Chinese Literature

Tawada, Hiroshi

Cultural Anthropology, Southeast Asian Studies, Contemporary Asian Culture

Hori, Madoka

Japanese Studies from Global Perspectives, Comparative Literature and Culture, Cultural History of Interchanges, Literature of Boundaries, Japanese Thought

Odanaka, Akihiro

French theater, comparative theater

Sugawara, Mayumi

History of Modern Art in Japan, Media Art in Japan (especially prints), Cultural Property Science (Museology)

Amano, Keita

Tourism Sociology, Tourism Media Theory, New Tourism Theory, Urban Tourism Research

Numata, Rii

Clinical musicology, Study of improvised music

Nozaki, Mitsuhiko

Living space in cities, classical literature, and traditional culture on the Korean Peninsula (folk religion, Feng Shui, etc.)

Graduate School of Science

Department of Mathematics

Ishi, Hideyuki

Representation theory of Lie groups, non-commutative harmonic analysis

Kanenobu, Taizo

Knot Theory

Sunagawa, Hideaki

Nonlinear PDEs of hyperbolic and dispersive type

Hashimoto, Mitsuyasu

Commutative algebra and invariant theory

Furusawa, Masaaki

Automorphic representations and automorphic L-functions

Akiyoshi, Hirotaka

Hyperbolic geometry and 3-dimensional manifold theory

Sano, Takamichi

Special values of L-functions and Iwasawa theory

Miyachi, Hyohe

Representation theory of Hecke algebras and categorifications

Yoshida, Masamichi

Ergodic theory, theory of operator algebras associated with dynamical systems

Kanda, Ryo

Ring theory, noncommutative algebraic geometry

Ohnita, Yoshihiro

Differential geometry, harmonic map theory

Okado, Masato

Integrable systems and representation theory

Takahashi, Futoshi

Variational methods, nonlinear partial differential equations

Tamaru, Hiroshi

Differential geometry of symmetric spaces

Abe, Ken

Partial differential equations

Kato, Shin

Global analysis (geometric analysis on manifolds)

Koike, Takayuki

Complex geometry, the theory of functions of several complex variables

Nishio, Masaharu

Potential theory

Hamano, Sachiko

Complex analysis, function theory of several complex variables

Yamana, Shunsuke

Modular forms and L-functions

Department of Physics

Sakuragi, Hiroyuki

Nuclear breakup reactions, nuclear reaction theories, high-density nuclear matter

Ishihara, Hideki

Relativistic astrophysics

Itoyama, Hiroshi

Quantum field theory and string theory

Hamabata, Hiromitsu

Theoretical Space Plasma Physics

Nakao, Ken-ichi

Cosmology and theory of gravity

Arima, Masaki

Quark model and hadron-hadron interaction

Maru, Nobuhito

Particle physics beyond the standard model based on supersymmetry and extra dimensions

Moriyama, Sanefumi

String theory and gauge theory

Itoh, Yousuke

Gravitational wave physics and astronomy, general theory of relativity

Iwasaki, Masako

Elementary particle experimental physics using electron/positron collision accelerators

Ogio, Shoichi

High energy cosmic ray observation, particle beam astronomy

Kanda, Nobuyuki

Gravitational wave observation, physics and astrophysics of gravitational waves

Seiya, Yoshihiro

High energy physics, neutrino physics, muon physics

Tsunesada, Yoshiki

High energy cosmic ray physics

Nakano, Eiichi

Experimental Particle Physics and Cosmic Ray Observation

Yamamoto, Kazuhiro

High energy physics, neutrino physics, muon physics

Ishikawa, Osamu

Low Temperature Physics and Phase Transitions in Quantum Liquid

Tsubota, Makoto

Theory of Condensed-matter Physics: Quantum Fluids and Solids

Oguri, Akira

Condensed matter theory: Strongly correlated electrons in low-dimensional systems

Inouye, Shin

Laser cooling experiments and Bose-Einstein condensates of gases

Yano, Hideo

Ultra Low Temperature Physics: Defects in Quantum Condensates

Sugisaki, Mitsuru

Elucidation of structure and the energy transmission function in the photosynthesis system

Kanemoto, Katsuichi

Optical, spin, and device properties of organic semiconductors

Obara, Ken

Ultra Low Temperature Physics: Sounds in Quantum Liquid

Nishikawa, Yuunori

Condensed Matter Theory: Kondo effect and Quantum criticality in strongly correlated electron systems (quantum impurity systems)

Takeuchi, Hiromitsu

Condensed matter theory: Quantum fluids mechanics

Department of Chemistry

Teki, Yoshio

Study of magnetic properties, photo-excited states of organic spin systems, molecular devices

Sato, Kazunobu

Electronic states of molecular magnetic materials, Pulsed electron magnetic resonance

Kozaki, Masatoshi

Organic materials chemistry, Functional macromolecules with well-organized structures, Stimuli-responsive molecules

Tsuboi, Yasuyuki

Nano and micro analytical chemistry and spectroscopic measurement

Nakajima, Hiroshi

Development of functional materials based on metallo-proteins

Moriuchi, Toshiyuki

Innovation of hybrid molecular systems for novel catalysts and materials

Yatsuhashi, Tomoyuki

Interaction between high intensity ultrashort laser pulses and molecules

Nishimura, Takahiro

Development of catalytic asymmetric reactions

Yoshino, Harukazu

Transport phenomena of low dimensional conductors and the search for highly efficient thermoelectric materials

Shiomi, Daisuke

Magnetism and magnetic resonance of crystalline organic solids

Nishioka, Takanori

Design of functional complexes and inorganic materials

Sakota, Kenji

Elucidation of functional representation mechanisms in complex molecular systems

Toyota, Kazuo

Theoretical chemistry and computational chemistry concerning magnetism and excited states of molecules

Itazaki, Masumi

Creation of transformation of organic molecule by the transition metal complex

Fujiwara, Masazumi

Research on development and application of innovative molecular function measurement techniques based on quantum nanophotonics

Yuyama, Ken-ichi

Optical manipulation of molecules/nanomaterials and microscopic analysis

Morimoto, Yoshiki

Synthetic organic chemistry and natural product chemistry

Shinada, Tetsuro

Research on synthesis of advanced bioresponsive substances

Amao, Yutaka

Design and creation of functional molecules for construction of artificial photosynthetic systems

Satoh, Tetsuya

Development of organic synthesis reactions using catalysts

Shinoda, Satoshi

Development and function of molecular recognition elements

Hosokawa, Chie

Molecular function and dynamics in living cells with laser-induced perturbation

Sakaguchi, Kazuhiko

Design and control of reactive species and development of molecular conversion methods

Usuki, Yoshinosuke

Bioorganic chemistry: Structure determination, synthesis, and functional analysis of biologically active substances

Miyake, Hiroyuki

Creation and functionalization of dynamic supramolecular complexes

Miyahara, Ikuko

Three-dimensional structures and functions of proteins

Fujii, Ritsuko

Photochemistry and structure of photosynthetic functional molecules

Tachi, Yoshimitsu

Creation and development of functional molecules by elucidation of biological functions and precise control of molecular structures

Mieda, Eiko

Integration of molecular recognition elements and development of functional materials

Nishikawa, Keisuke

Synthesis of highly active natural organic compounds, development of new synthesis methods

Department of Biology

Awata, Satoshi

Behavioral ecological research on reproductive strategies in fishes

Fuchikawa, Taro

Rhythm ecology of animal societies

Fujita, Ken-ichi

Bioactive substances targeting drug resistance and their modes of action

Fujiwara, Ikuko

Understanding dynamics of cytoskeleton

Goto, Shinsuke

Physiological adaptations of animals to changing environments

Ito, Kazuo

Structure, function and regulation of enzymes and their application.

Itoh, Akira

Plant regeneration processes and coexistence mechanisms

Kohda, Masanori

Behavioral ecology and cognitive behavioral studies of vertebrates

Koi, Satoshi

Plant diversity and adaptive evolution

Komiya, Tohru

Molecular biology of animal development

Koyanagi, Mitsumasa

Diversity of structures and functions of photoreceptor proteins

Masui, Ryoji

Molecular mechanisms of DNA repair and posttranslational modification

Mizuno, Toshiro

Intercellular interaction mesoderm induction

Miyata, Makoto

Three motility mechanisms in class Mollicutes bacteria and their origins

Nakamura, Taro

Molecular mechanisms of sexual reproduction in fission yeast

Nanami, Satoshi

Sex expression and population dynamics of wild plants

Soga, Kouichi

Growth and morphogenesis of plants by environmental stimuli

Terakita, Akihisa

Diversity and structure/function relationship of proteins involved in signal transduction

Uematsu, Chiyomi

Molecular biology of flower color and shape

Wakabayashi, Kazuyuki

Structure and functions of plant cell walls

Yamada, Toshihiro

Plant EvoDevo and palaeobotany

Yamaguchi, Yoshihiro

Physiological function of bacterial suicide genes

Department of Geosciences

Masumoto, Shinji

Geoinformatics: Formulation and visualization of geological information

Mitamura, Muneki

Quaternary Geology, Urban Geology: Ground properties in urbanized area

Yamaguchi, Satoru

Geophysical study of seismically active area

Haraguchi, Tsuyoshi

Urban geological engineering, disaster prevention geological engineering

Inoue, Jun

Quaternary Science, History of interaction between humans and nature

Nemoto, Tatsuya

Sharing and utilization of geological information

Ezaki, Yoichi

Geohistory of global environments and Phylogeny of fossil Cnidaria

Masuda, Harue

Mass transfer along water cycle in the Earth's crust and hydrosphere

Shinoda, Keiji

X-ray diffraction and Mössbauer spectroscopic studies of minerals

Okudaira, Takamoto

Crustal dynamics and structural petrology

Sakuyama, Tetsuya

Magma generation and differentiation processes and geochemical evolution of the mantle

Adachi, Natsuko

Evolution of reef ecosystems and secular fluctuations in marine environments

Graduate School of Engineering

Mechanical and Physical Engineering

Nishimura, Nobuya

Improving performance of thermal driven absorption type refrigerators, study of urban air conditioning systems concerning heat islands, promotion of renewable energy utilization in Megacity, study on waste derived bio cogeneration

Iyota, Hiroyuki / Masuda, Hayato

Improvement of utilization technology of superheated steam for drying, cooking and thermal process, development of humidity sensor and standard humidity generator, color and glossy measurements using digital camera, modeling of thermal fluid phenomena

with phase change, intensification of chemical and food processes

Katoh, Kenji / Wakimoto, Tatsuro / Omori, Takeshi

Dynamics of solid and liquid wetting, stability of thin film of surfactant aqueous solutions, dissimilarity of momentum and heat transfer in turbulent flow, development of measurement methods for dynamic surface tension, development of advanced computational method for multiphase flow, development of wave power generation systems, fine particle removal mechanism using high speed air jets, resistance reduction mechanisms using surfactant-added flow

Kawai, Tadao / Imazu, Atsushi

Development of fault diagnostic methods and parameter identification techniques for machines and structure, development of living assistance robots, and special mobile robots

Kanasaki, Jun'ichi / Kawakami, Hiroshi

Development of advanced technologies controlling carrier and atomic dynamics by fully exploiting unique features of electronic excitation effects, development of antibacterial metallic materials, case study of microbially influenced corrosion

Takiyama, Takeshi

Control of internal combustion engines, development of intelligent vehicles

Takada, Yogo

Development of bridge inspection robots, aqua robots and athlete support robots, flow analysis around aqua robots

Nakatani, Hayato

Fracture behaviour of carbon fiber reinforced polymer (CFRP), impact resistance and mechanical joint strength of CFRP/metal hybrid mille-feuille structure, localized interlaminar toughening in composite materials, and damage tolerance design for advanced multi-material structures

Yamasaki, Tomohiro / Oshima, Nobuo

Nondestructive evaluation of materials using ultrasonic waves, ultrasonic monitoring of FRP molding process, vibration control of intelligent materials, development of functional fluids devices

Kaneko, Yoshihisa / Uchida, Makoto

Advanced scanning electron microscopies to analyze lattice defects, fabrication of bulk nanocrystals and related properties, fatigue of metallic materials, electroplating of nano-structured films, research linking micro and macroscopic deformation, modeling of plastic deformation, strain measurement using digital images

Tane, Masakazu

Elasticity and anelastic relaxation phenomenon, micromechanics, phase transition in structural and functional materials. Material design using crystal growth and phase transition. Nanoscale mechanics of deformation, phase transition, and composite materials

Matsuoka, Chihiro

Mathematical research in hydrodynamics, pattern formation, and chaos dynamics systems. Numerical analysis of nonlinear motion of interfaces and vortex layers

Physical Electronics & Informatics

Shigekawa, Naoteru / Liang, Jianbo / Takechi, Seiji

Research on solar cells and power devices

Research on particle detector

Shirafuji, Tatsuru / Oh, Jun-Seok / Muraji, Masafumi / Tanaka, Kenji

Materials processes using plasma, bio-medical processes using plasma, organic light emitting diodes, organic solar cells, bioelectrical and magnetic technology

Takeuchi, Hideo

Optical properties of nanoscale thin films, quantum structures (quantum wells and superlattices), and microcavities of semiconductors and exploration of new optical functionality

Fukuda, Tsuneo

Atomic structures and electronic states on metal and semiconductor surfaces with the aid of ultrahigh-vacuum scanning tunneling microscopy and atomic force microscopy. Development of organic thin film transistors on flexible plastics and their applications to flexi-

ble displays.

Nashima, Shigeki

Research on fundamental technology and application of terahertz waves

Kobayashi, Ataru

Development of novel quantum beams of atoms and ions, and their applications to surface analysis/fabrication in nano-scale combined with the advanced spectroscopic measurement technique

Kim, DaeGwi / Shibuta, Masahiro

Research on fabrication and optical properties of semiconductor nanoparticles (quantum dots)

Terai, Akira / Sugita, Ayumu

Research on nonlinear and non-equilibrium states of matter, quantum phase transitions of strongly correlated electron systems, organic conductors and solitons, quantum information, quantum chaos

Miyazaki, Daisuke

Stereoscopic display systems, optical three-dimensional measurement, optical functional devices, optical biometric measurement, advanced functional image measurement

Noguchi, Hiroshi

Nursing engineering, Internet of Things, Human behavior measurement, Sensor Network, Mechatronics, Data mining

Shikoh, Eiji

Research on energy creation and energy saving technology and device creation using spintronics

Takahashi, Hideya / Yoshimoto, Kayo

3D image input/output systems, head mounted-displays, wearable computers, next generation endoscope, biometric information sensing, medical image processing, medical support, etc.

Nakajima, Shigeyoshi

Image processing, signal processing, medical data processing, artificial intelligence, artificial life

Takubo, Tomohito / Ueno, Atsushi

Robotics, motion control, intelligent systems, reinforcement learning, artificial intelligence, intelligent robots, pattern recognition

Ata, Shingo

Research on information distribution infrastructure that handles diversified media comprehensively and combines it with networks. Specific examples include multimedia networks, high-speed communication control technology, switching hardware, and power saving networks

Hara, Shinsuke / Tsujioka, Tetsuo

Wireless/mobile body/robot communication, web databases, encoding/compression/encryption systems

Gai, Kai

Control theory, discrete-event systems, multi-agent cooperative control, robotic networks, automation technology

Abe, Kota

Research on distributed systems and system software

Ishibashi, Hayato / Onishi, Katsumi

Network operations and management, user authentication and access control, practical network security, software-defined networking, and overlay network architecture

Murakami, Harumi

Information retrieval, artificial intelligence, user interface, text mining, web intelligence, lifelog, library and information science

Yoshida, Daisuke / Nagata, Yoshikatsu

Applied research on satellite-based positioning and geospatial information systems

Applied Chemistry and Bioengineering

Tsuji, Kouichi

Development of trace elemental analysis methods and applications to characterization of materials and environmental analysis by x-ray analytical techniques such as micro-XRF (X-Ray Fluorescence), confocal 3D-XRF, XRF imaging and total reflection XRF (TXRF)

Yamada, Yusuke / Ariyoshi, Kingo

Solid catalysts with well-defined active sites, catalysts for environmental purification, electrochemistry of lithium insertion materials, electrode materials for next generation Li-ion batteries, 12 V lead-free batteries

Kobatake, Seiya / Kitagawa, Daichi

Design and solid-state property changes of photofunctional organic crystals, synthesis and physical property of photofunctional polymer materials, development of molecular functional devices

Horibe, Hideo / Minami, Tatsuya

Crystal structure of PVDF, conductivity of filler dispersed polymers, development of photoresist, chemical reactivity of active species and organic compounds, synthesis and their catalytic activities of organotransition metal complexes, synthesis of functional organic compounds

Sato, Eriko

Molecular design of monomers and polymers, development of controlled polymerization, precise control of polymer reactions, design and development of stimuli-responsive, functional adhesive, and interfacial functional materials

Kometani, Noritsugu

Reaction mechanism analysis and industrial application of subcritical and supercritical fluids, physicochemical study of biomass materials under extreme condition, environmental application of photocatalysts

Igarashi, Koichi

Advanced crystallization for organic compounds such as pharmaceutical, functional foods. Production of useful substances from biomass

Nagasaki, Takeshi / Azuma, Hideki

Development of biopolymer-based medical materials such as drug delivery systems and hemostat, development of novel anticancer agents and anti-inflammatory drugs using natural bioactive substances

Azuma, Masayuki / Ojima, Yoshihiro

Investigation of new cell functions focusing on microbes and their cell surface, and microbial cell engineering for drug discovery, energy and environmental application, and functional food area

Kitamura, Masaya / Nakanishi, Takeshi

Structure-function relationship of redox proteins, industrial application of enzymes, development of highly functional artificial antibodies

Tachibana, Akira

Development of RNAi enhancer/ inhibitors/ aptamers/ nucleic acid medicine

Tachibana, Taro

Drug discovery based on the biotechnology, development of the methods for generation of highly functional monoclonal antibodies and biopharmaceuticals

Ohmoto, Takashi

Exploration and isolation of useful enzymes from microorganisms, their application, the production of useful substances by biotransformation, and creation of useful materials

Yoshida, Tomoko

Synthesis and design of solid catalysts/photocatalysts, development of environmentally conscious chemical reactions including artificial photosynthesis, evaluation of physical properties of functional materials using synchrotron radiation spectroscopy/electron spectroscopy

Urban Engineering

Tokuono, Tetsu / Ishiyama, Hiroki / Nishino Yuichiro

Organization of urban type multi-family housing, Development of planning and design method for building renovation, Process design of place making, Wooden structure, Wooden material, Durability

Miyamoto, Katsuhiko / Kurataka, Shunsuke

Architectural design, architectural design theory, comprehensive architectural designing and landscaping under the concept of

"Do-Ken Marriage", architectural history

Kana, Koichi / Hsiao, Hongwei

Planning theory and application, urban planning, urban renewal design, landscape theory, urban planning and design history, community design, area management

Uchida, Takashi / Yoshida, Nagahiro

Applying planning theory to construction, maintenance, and operation for infrastructure facilities. Analysis of transportation-related activities on safety, environment, and health issues. Analysis of travel behaviors by using intelligent technologies.

Umemiya, Noriko / Kishimoto, Yoshihiko

Thermal comfort, environment adjustment behavior and energy saving, sky luminance distribution models, control of indoor thermal environment using material properties, deterioration prediction of building material

Kobayashi, Yuki

Design computing, Algorithmic design, Design science, Combinatorial rigidity, Architectural and urban design methods using algorithms

Nishioka, Masatoshi / Nabeshima, Minako

Urban energy-efficient technology, analysis and improvement measures for urban thermal environments, urban climates

Sohma, Akio / Endo, Toru

Conservation and utilization of estuarine and coastal ecosystem, Numerical ecosystem modeling, Process elucidation and dynamics prediction of aquatic ecosystem

Kanjo, Yoshinori / Mizutani, Satoshi

Evaluation of water environments, water quality control technology, recycled energy collection from solid waste and wastewater, hazard assessment when recycling, evaluation of trace environmental pollutants

Taniguchi, Tetsuro

Wind responses of high-rise buildings, characteristics of wind pressure on large span structures, wind-resistant design, determination of wind loads on low-rise buildings, evaluation of wind resistance capacity of building components

Furukawa, Sachi

Seismic responses of steel structure, base-isolated building, seismic functionality of building inside, evaluation of seismic capacity of steel column base and pile top connection

Taniguchi, Yoshiya / Suzuki, Yusuke

Structural design for architecture, Mechanical characteristics/response control for shell/spatial structures, Reinforced concrete structures with self-centering system, High performance timber structures

Kitoh, Hiroaki / Yamaguchi, Takashi / Tsunokake, Hisao / Hayashi, Gen

Seismic resistance/isolation/control technology for structures, steel and concrete composite structures, material properties of concrete, durability evaluation and repair technology, development of low environmental structural materials and components

Load carrying capacity and design methods of steel bridges, repair and reinforcement of existing steel bridges, seismic design, bridge vibrations, maintenance systems, buckling strength and design methods, load carrying capacity and design methods of joints

Oshima, Akihiko / Yamada, Suguru

Soil strength and deformability, consolidation, compaction, stability problems, centrifugal model test, ground investigation, ground improvement, liquefaction, groundwater and ground environment, ground information database

Shigematsu, Takaaki / Nakajo, Sota

Interaction of structures and fluids, Large-scale hydraulic experiments, Numerical simulation on wave and flow, Meteorological and oceanographic phenomena (Tsunami, Storm surge), Complex urban disasters across wide area, Impact assessment of coastal disaster, Climate change impact assessment and adaptation measures, Restoration of water environment in ports and harbors, Prediction of future coastal environment, Wave power generation systems

Raghavan, Venkatesh / Yonezawa, Go

Geographic Information Systems, Remote Sensing and Allied Spatial Information Technologies and their Applications in Sustainable Urban Development

Masuda, Junji

Technology to reduce environmental burdens including trace chemicals, technology to control emissions of pollutants at sources

Graduate School of Medicine

Basic Medical Sciences

<Molecular and Biomedicine>

Tomita, Shuhei

Circulatory and metabolism studies, hypoxic response and diseases in the organisms, vascular biology and disease, tissue remodeling

Tokunaga, Fuminori

Molecular and pathobiological study on inflammatory and immune signaling pathways

Otani, Naoko

The effects of obesity-associated gut microbial metabolites on tumor microenvironment. The role of cellular senescence and SASP in vivo.

Ikeda, Kazuo

Research related to organ fibrosis especially liver cirrhosis.

Mizuseki, Kenji

Neurophysiology, functional analysis of sleep, information processing in the hippocampus, memory mechanism

Hirotsune, Shinji

Central nervous system construction mechanisms, morphogenesis and cell polarity

Nakajima, Yuji

Developmental biology of the circulatory system

Morita, Takashi

Research support of experimental animal genome editing through CRISPR method

Matsubara, Tsutomu

Molecular biological analysis of human liver disease and the liver aging process with constructing the animal model.

Yoshida, Kayo

Research on DNA damage in mammals and repair mechanisms through homologous recombination

Matsunaga, Shinji

Cancer microenvironment, tumor vessels, pharmacokinetics

Oikawa, Daisuke

Regulatory mechanism of inflammatory immune response by novel factors, and its therapeutic application

Kitanishi, Takuma

Neurophysiology, information processing in the hippocampus, function changes in synapses, memory mechanisms

Chiba, Shuhei

Analysis of atypical microtubules in nerves

Kin, Meigetsu

Understanding control mechanisms of intracellular material transport

Kai, Masatake

Molecular mechanisms of collective cell migration in development

Shiota, Masayuki

Regulation of proteostasis capacity and cancer progression

Yamaguchi, Takehiro

Dormancy and latency of Mycobacterium tuberculosis. Molecular Cardiology.

Terawaki, Seigo

Elucidation of pathogenesis of inflammatory diseases and underlying defects in immunoregulation mechanisms mediated by autophagy

Yamagishi, Ryota

Control of tumor microenvironment via post-transcriptional regulation. Cellular Senescence and mRNA metabolism.

Kamiya, Tomonori

Homeostasis maintenance by symbiotic bacterial metabolites

Urushima, Hayato

Investigation of the interaction among hepatic stellate cell, hepatocyte, and sinusoidal endothelial cells.

Yuasa, Hideto

Investigation of intercellular network among hepatic component cells.

Matsumoto, Hideyuki

Neurophysiology, motivation and learning, analysis of neural pathways of reward system, neural foundations of adaptive behavior

Miyawaki, Hiroyuki

Neurophysiology, functional analysis of sleep, mechanisms of memory formation and stabilization

Matsumoto, Sakiko

Understanding control mechanisms of intraneural material transport

Tojima, Sayaka

Tail morphogenetic mechanisms in amniotes

Takasugi, Masaki

The role of extracellular matrix in age-related diseases. Mechanisms of cellular senescence-associated secretory phenotype

Tei, I

Regulation of intercellular and intermolecular network in tumor microenvironment.

Shimizu, Kohei

Pathophysiological role of post-translational modifications in inflammatory diseases and human malignancies

Tokutome, Kentaro

Hypoxic stress, mental retardation

<Urban Medicine>**Wanibuchi, Hideki**

Environmental chemistry carcinogenesis, chemoprevention, pathology of bladder cancer, molecular pathology

Hayashi, Tomoshige

- Epidemiology of type 2 diabetes, visceral fat, chronic kidney disease, and hemodialysis
- Epidemiology: the Japanese-American Community Diabetes Study

Fukushima, Wakaba

Epidemiology of infectious diseases, intractable(rare) diseases, liver diseases

Yoshikawa, Takahiro

Medical science and neuroscience of lifestyles of humans (unconsciousness, stress, appetite, crosstalk between diet and exercise)

Okazaki, Kazunobu

Research on mechanisms of improvement in physical capacity and physiological function with exercise training and environmental adaptation

Ishikawa, Takaki

Pathophysiology of sudden death, development of forensic toxicology forensic serology examination methods, forensic imaging diagnostics

Kaneko, Yukihiro

1. Molecular epidemiology of drug-resistant bacteria and drug resistance mechanisms
2. Understanding pathology of refractory mycosis and developing new diagnosis method
3. Development of tools for helping drug-resistant bacteria infection control

Kaneko, Akira

Global Malaria Eradication: Intervention studies on islands in Vanuatu, Southwest Pacific and in the Lake Victoria region, Kenya with chemotherapeutic, vector control, and community-directed approaches; Human, parasites, and vector polymorphism related to the efficacies of the tools; Molecular and sero- epidemiology

Wei, Min

Environmental chemical carcinogenesis, cancer risk assessment, molecular pathology of bladder cancer

Suzuki, Shugo

Environmental chemical carcinogenesis, cancer risk assessment, pathology of bladder and prostate cancer

Sato, Kyoko

- Epidemiology of type 2 diabetes, visceral fat, chronic kidney disease, and hemodialysis
- Epidemiology: the Japanese-American Community Diabetes Study

Ohfuji, Satoko

Epidemiology of liver diseases, intractable diseases, and infectious diseases

Yokoyama, Hisayo

Glucose and energy metabolism during exercise, clinical research on the effect of exercise on health promotion among the elderly

Ayata, Minoru

Neuropathogenicity of measles virus and onset mechanism of subacute sclerosing panencephalitis

Fukui, Mitsuru

Mathematical statistics, applications to the medical field, research on measurement scales for health and disease

Kakehashi, Anna

Chemical carcinogenesis, molecular pathology, cancer risk assessment, cancer chemoprevention, mechanisms of liver carcinogenesis, NASH, translational research

Uehara, Shinichiro

Epidemiology of lifestyle-related diseases

Ishii, Satoshi

Medical science and neuroscience related to the formation of lifestyles in humans

Imai, Daiki

Effect of environmental stress on physiological function and athletic performance

Niki, Mamiko

Analysis of dormancy phenomena and development of new anti-tuberculosis vaccine

Kido, Yasutoshi

Neglected Tropical Disease/ Metabolic crosstalk between the host and pathogens, Early-phase drug development targeting unique metabolic remodeling of pathogens (NTDs, malaria), molecular epidemiology

Kase, Tetsuo

Prevention and risk assessment for infectious diseases

Tsubouchi, Taishi

Hunting of anti-MDR and anti-virus compounds from marine microbes and analysis of its functional mechanism

Suzuki, Yuta

Biomechanical analysis of fundamental human movements

Ikeda, Tomoya

Pathophysiology of sudden death, postmortem change in serological examination, pathophysiology of edema and development of evaluation methods

Oinuma, Ken-ichi

Analysis of drug-resistance mechanisms of pathogenic bacteria and intracellular information transmission mechanisms (quorum sensing)

Nishiuchi, Yukiko

1. Elucidation of nontuberculous mycobacterial biofilm-formation mechanism 2. Research of environmental distribution dynamics of nontuberculous mycobacteria. 3. Research of mycobacterial pathogenesis; interaction of mycobacteria and erythrocytes.

Shibata, Mikiko

Epidemiology of kidney disease and lifestyle-related diseases

Chim Wai Chan

Sustainable malaria elimination on islands in Vanuatu: human movement, resurgence and health transition

Nakagama, Yu

Global Burden and socio-economic impact of hereditary/congenital conditions and noncommunicable diseases, Parasitic infection (Malaria, NTDs) during developmental stages in childhood: potential consequences and chances of intervention, Analogy between metabolic remodeling of the failing heart and infectious pathogens

Kagaya, Wataru

Understanding malaria transmission dynamics through molecular epidemiology and intervention study toward malaria elimination

Tani, Naoto

Pathophysiology of sudden death, forensic molecular pathophysiology, forensic social medicine

Watanabe, Miho

Pathophysiology of nerve cells
Pathophysiological study of the blood-cerebrospinal fluid barrier

Hirokawa, Tatsuya

Pathophysiology of sudden death, forensic molecular pathophysiology, forensic toxicology

<Geriatric Medicine>**Tomiyama, Takami**

Translational Research on prevention, diagnosis, and treatment of neurodegenerative disease

Shoji, Tetsuo

Lipoprotein metabolism, diabetes, arteriosclerosis in kidney failure, cognitive function, sarcopenia

Yashiro, Masakazu

Translational research for intractable Cancer

Sato, Shintaro

Mucosal immunology, innate immunology, and Virology

Kojima, Hirotada

Understanding information transduction mechanisms for controlling the fate of cells

Uematsu, Satoshi

Innate immunity, mucosal immunity and metagenome analysis

Fujimoto, Kosuke

Innate immunity, mucosal immunity and metagenome analysis

Kunimoto, Hiroyuki

Control of gene expression through intracellular signaling

Uematsu, Miho

neurology, Imaging and metagenome analysis

Nagata, Yuuki

Endocrine, metabolic and Mineral and Bone Disorder/vascular calcification

Umeda, Tomohiro

Translational research on prevention, diagnosis, and treatment of neurodegenerative dementia

Clinical Medical Sciences**<Organ Pathology and Internal Medicine>****Yoshiyama, Minoru**

Cardiovascular disease, clinical cardiology, translational research on fundamentals and clinical applications in heart research

Emoto, Masanori

Research on pathophysiology and treatment in diabetes, endocrinological and kidney diseases

Kawaguchi, Tomoya

Pulmonology, oncology, basic and clinical research on lung cancer

Kawada, Norifumi

Hepatology, analysis of gene expression in hepatopathology, micro-environment of hepato-biliary-pancreatic cancer

Fujiwara, Yasuhiro

Pathology and treatment of digestive diseases

Hino, Masayuki

1.Treatment of hematologic malignancy 2.Hematopoietic stem cell transplantation

Inoue, Koki

Relationship between stress and mental disorders (industrial psychiatry), eating disorders and pathological biochemistry

Ito, Yoshiaki

Research on a wide variety of neurological diseases, especially neurodegenerative diseases and cerebrovascular diseases

Izumiya, Yasuhiro

Identification of novel therapeutic target for heart failure

Negoro, Nobuo

Pathophysiology and treatment of connective tissue disease

Imanishi, Yasuo

Osteoporosis, rickets, osteomalacia, hyperparathyroidism, chronic kidney disease-metabolic bone disorder (CKD-MBD)

Kanazawa, Hiroshi

Pulmonology, allergology, diagnosis and treatment of respiratory diseases

Tamori, Akihiro

Hepatology, analysis and clinical application of human gene polymorphisms in the hepato-biliary-pancreatic field, blood transfusion science

Enomoto, Masaru

Pathology and treatment of viral hepatitis

Watanabe, Toshio

Understanding pathophysiology of gastrointestinal inflammation and malignant diseases

Nakamae, Hirohisa

①HLA-haploidentical hematopoietic cell transplantation. ②Pathophysiological analysis and prevention of complications on hematopoietic stem cell transplantation. ③Pathophysiological analysis and treatment of chronic myeloid leukemia

Iwasaki, Shinichi

Understanding pathology of valvular heart disease, atherosclerosis, hypertension, and heart failure using ultrasound

Abe, Takato

Mechanisms of neuronal cell damage in cerebral ischemia

Ehara, Shoichi

Intravascular ultrasound, multislice CT, pathological analysis of acute coronary syndrome with MRI

Iwata, Shinichi

Understanding pathology of valvular disease, atherosclerosis, hypertension, and heart failure using ultrasound

Mori, Katsuhito

Nephrology, metabolism, diabetology

Morioka, Tomoaki

Basic and clinical research on obesity, diabetes, atherosclerosis and sarcopenia

Yamada, Shinsuke

Sleep disorders and nocturnal blood pressure in rheumatoid arthritis

Kurajoh, Masafumi

Endocrine and metabolic disorders (especially clinical research on neuroendocrinology)

Tsuda, Akihiro

Renal hemodynamics, Diabetic nephropathy, hyperuricemia

Nakatani, Shinya

Etiology and pathophysiology of chronic kidney disease

Ochi, Akinobu

Investigation of progression factors of diabetes, diabetic kidney disease and chronic kidney disease

Asai, Kazuhisa

Pulmonology, understanding and controlling inflammatory mechanisms in chronic respiratory inflammatory disease, respiratory endoscopy

Watanabe, Tetsuya

Pulmonology, understanding and controlling inflammatory mechanisms in severe asthma, respiratory endoscopy

Uchida, Sawako

Hepatology, diagnosis and treatment of hepatobiliary pancreatic

cancer

Nagami, Yasuaki

Superficial esophageal cancer, Endoscopic resection of early stage gastrointestinal cancer, endoscopic treatment, endoscopic diagnosis, esophagostenosis

Hosomi, Shuhei

Pathology and treatment of inflammatory bowel disease

Tanaka, Fumio

Pathophysiology and treatment for functional gastrointestinal disorders, eosinophilic gastrointestinal disorders, and GERD

Koh, Hideo

Molecular epidemiology of blood disorders and hematopoietic stem cell transplantation, development of diagnostic and treatment methods for opportunistic infections

Nishimoto, Mitsutaka

①Analysis of pathophysiology in patients with acute and chronic graft-versus-host disease after allogeneic stem cell transplantation
②Development of novel immune cellular therapy for hematological malignancies

Nakashima, Yasuhiro

Research and clinical applications of immune surveillance for hematological malignancies

Katagami, Motohisa

Gaming disorder, internet addiction disorder

Miyawaki, Dai

Child Adolescent Psychiatry, autism spectrum disorder, childhood anxiety disorders

Yamauchi, Tsuneo

Eating disorders, industrial psychiatry

Deguchi, Yasuhiko

Industrial psychiatry, depression, bipolar disorder

Uchida, Kentaro

Neuroimaging, Geriatric psychiatry

Harada, Tomoko

Eating disorders

Nakao, Yoshitaka

Palliative care

Mitsuoka, Shigeki

QOL /Pulmonology, oncology, fundamental and clinical research on lung cancer

Tsutada, Tsuyoshi

Neurophysiological research

Takeda, Akitoshi

High-order brain function impairment in neurological disorders and neurodegenerative diseases

Hagihara, Atsushi

Hepatobiliary and Pancreatic Oncology, basic and clinical research on cancer

Kaneda, Hiroyasu

Chemotherapy of Lung cancer, clinical trials and early development of novel anticancer drugs (international trials, etc.), molecular targeted therapy for cancer, Immuno-Oncology

Ito, Asahiro

Pathological analysis of Structural Heart Disease, Valvular Heart Disease, Heart Failure

Kamimori, Kimio

Single facility retrospective research of cardiac event rate in patients with coronary artery disease in Osaka city university hospital

Yamazaki Takanori

Angioscopic analysis of atherosclerotic disease

Goto, Ayako

Child Adolescent Psychiatry, autism spectrum disorder, childhood anxiety disorders

Otani, Koji

Pathophysiology and treatment of gastrointestinal inflammation, gastrointestinal cancer, and obscure gastrointestinal bleeding

Fukunaga, Shusei

endoscopic management of early colorectal neoplasms, antithrombotic agents and endoscopic treatment, endoscopic treatment for elderly patients

Kawamura, Etsuji

cholangiocarcinoma, nuclear medicine

Matsubara, Misako

Significance of hepatic stellate cell transformation in liver fibrosis and cancer development.

Le Thuy Thi Thanh

Role of Cytoglobin in Fibrosis and Carcinogenesis of Liver and Pancreas: From production, mechanism and therapeutic application

<Diagnosis of Pathologic Conditions/Medical Management of Biofunctions>

Miki, Yukio

Diagnostic neuroradiology, MRI, diagnostic radiology

Shibuya, Keiko

Radiation Oncology

Ohsawa, Masahiko

Pathology of malignant lymphoma

Mori, Takashi

Exploration of new pharmacological actions of general anesthetics and local anesthetics. Scientific clarifications of the mechanisms of general anesthesia and nociception. Development of better and new strategies for general anesthesia and analgesia.

Mizobata, Yasumitsu

Emergency medical treatment systems, trauma surgery

Shimada, Hiroyuki

Diagnostic imaging of dementia, diagnosis and treatment of dementia, familial Alzheimer's disease

Nakahara, Hirokazu

Molecular mechanism of cancer invasion, Oncolytic viral therapy for oral cancer, Effectiveness of perioperative oral care

Shimono, Taro

General diagnostic radiology

Hosono, Masako

Radiation Oncology

Kawabe, Joji

Clinical nuclear medicine (nuclear medicine therapeutic, nuclear medicine diagnostics), cancer relief treatment using clinical Chinese medicine

Tsuchiya, Masahiko

Regulation of reactive oxygen pathology through anesthetics, local anesthesia

Yamada, Tokuhiro

Acute pulmonary disease, postoperative management, anesthesia in minimally invasive cardiac surgery, ischemia-reperfusion disorder

Yamamoto, Hiromasa

Pelvic trauma, pathology and treatment of spine and spinal cord injury, disaster medicine

Nishimura, Tetsuro

Trauma surgery, resuscitation, medical device development

Fukumoto, Shinnya

Epidemiology of lifestyle-related diseases, clinical research on dietary therapy, development of in-home support system for dietary therapy, understanding therapeutic angiogenesis mechanisms and development of amplifier

Yamamoto, Akira

Abdominal imaging diagnosis, CT, MRI, Interventional Radiology

Jogo, Atsushi

Diagnostic imaging (CT, MRI), Interventional radiology

Miki, Yoshitaka

Radiation Oncology

Iguchi, Haruo

Radiation Oncology

Kageyama, Ken

Interventional Radiology, Diagnostic imaging (CT/MRI)

Ueki, Ai

Diagnostic imaging (CT, MRI)

Takeuchi, Makiko

Diagnostic imaging (CT, MRI)

Higashiyama, Shigeaki

Clinical nuclear medicine (dementia nuclear medicine, tumor nuclear medicine)

Matsuura, Tadashi

Research on effect of anesthetics on ion channels using electrophysiological techniques, effect mechanisms of lipid emulsion treatment, changes of the sensitivity of hypertrophic myocardium to local anesthetics

Yabe, Mitsuhide

Pain management medicine, measures for postoperative nausea and vomiting, palliative care

Tanaka, Katsuaki

Pharmacokinetics of intravenous anesthetics, anesthesia management and outcome analysis, undergraduate medical education

Suehiro, Kouichi

Perioperative hemodynamic monitoring, perioperative goal-directed therapy, clinical application of inhaled hydrogen

Funai, Yusuke

Analgesic mechanism of anesthetics, synaptic transmission in spinal cord posterior horn

Kimura, Tatsuo

Pulmonology, Oncology, Tumor epidemiology, Fundamental and clinical research on lung cancer

Fujii, Hideki

Hepatology, Pathology and treatment of metabolic liver disease

Nakano, Akemi

Research on quality control and epidemiological studies for gynecologic cancer screening examinees

Sogawa, Etsuji

Interventional Radiology (Vascular Intervention)

Wada, Naoki

Pathology of malignant lymphoma

Kuwae, Yuko

Pathology of soft tissue tumor

Yamasaki, Hiroyuki

Management of perioperative body temperature, mechanisms of chronic pain

Hori, Kotaro

Role of CRAC channels in anesthesia

Nadatani, Yuji

Understanding pathophysiology of gastrointestinal inflammation and malignant disease. Understanding the relationship between gastrointestinal disease and gut microbiome.

Uchida, Kenichiro

Trauma Surgery, Cardiovascular Surgery, Acute Surgery

<Organ and Pathological Internal Medicine>**Koyama, Masayasu**

Analysis of anatomical support mechanism of pelvic floor organs, reproductive immunology

Sumi, Toshiyuki

Cancer cachexia, gynecologic malignant tumors, female dysuria

Hamazaki, Takashi

Understanding pathology of pediatric congenital metabolic disease using iPSC cells

Tachibana, Daisuke

Physiology and pathological significance of fetal circulation

Yasui, Tomoyo

Gynecological malignant tumors and cancer cachexia, female dysuria

Tokimasa, Sadao

High-dose chemotherapy for pediatric refractory malignant tumors, bone marrow nondestructive hematopoietic cell transplantation for congenital metabolic disorders, leukemic stem cells in pediatric acute lymphocytic leukemia

Takemoto, Yoshiaki

Biocompatibility of hemodialysis membrane, artificial organ, kidney failure disease

Uchida, Junji

Kidney transplantation, drug-induced kidney disorders, ABO-incompatible kidney transplantation, frailty and sarcopenia in kidney transplant recipients

Misugi, Takuya

Age phenomena of mammalian eggs, endocrine function of granulosa cells. Pathological elucidation of perinatal complication

Hamuro, Akihiro

Investigation of effectiveness of salpingostomy for hydrosalpinx cases and biomarkers of predictive and prognostic factors

Tahara, Mie

Mechanism of the onset and the process of labor

Ichimura, Tomoyuki

Elucidation of natural history about uterine mesenchymal tumors, and their diagnosis and treatment. Elucidation of gynecological tumors based on pathological findings.

Hashiguchi, Yasunori

Gynecological malignant tumors

Fukuda, Takeshi

Understanding pathology of cancer cachexia and improvement methods, gynecologic malignant tumors

Kasai, Mari

Gynecological malignant tumors, uterine fibroids, endometriosis

Yamauchi, Makoto

Gynecologic malignant tumors

Kawamura, Tomoyuki

Pediatric diabetes, research on causes and pathology of kidney disease

Seto, Toshiyuki

Clinical research on pediatric neural and metabolic disorders, viral research on infections of the central nervous system, clinical genetics, study of disabilities

Tokuhara, Daisuke

Understanding causes and pathology of gastrointestinal disease and development of prevention and treatment drugs, mucosal immunology

Sakuma, Satoru

Neuropathological and neurophysiological research for understanding pathology of refractory epilepsy

Ohnishi, Satoshi

Understanding causes and pathology of neonatal chronic pulmonary disease and development of prevention and treatment drugs, multi-institutional joint research: "Left atrium and patent ductus arteriosus evaluation" subproject on relationship between patent ductus arteriosus and chronic pulmonary disease

Nishigaki, Satsuki

Understanding causes and pathology of pediatrics and criminology

Kuratsukuri, Katsuyuki

Immunotherapy and gene therapy for prostate cancer, chemotherapy for urothelial carcinoma, erectile dysfunction and male infertility

Tamada, Satoshi

Fundamental research on kidney disease, treatment for urinary tract malignant tumors

Naganuma, Toshihide

Blood purification, Kidney transplantation, Therapeutic apheresis, Arteriosclerosis, Overseas support activity for developing countries

Iguchi, Taro

Prostate cancer gene polymorphism, understanding onset mechanisms of urinary tract stones, role of oxidative stress in urinary organs

Yamasaki Takeshi

Laparoscopic Surgery

Kasuga, Saki

Clinical research and pathology on pediatric allergy

Iwai, Tomoaki

Clinical research in the field of kidney transplantation

Kato, Minoru

Immunotherapy for the patients with metastatic urothelial carcinoma, Basic research on combination immunotherapy, Basic research on prostate cancer

<Surgical Medicine>**Ohira, Masaichi**

Surgical treatment for esophageal cancer and stomach cancer, surgical metabolism and nutrition, surgical treatment for portal hypertension

Shibata, Toshihiko

Research toward minimally invasive valvular heart disease surgery

Muguruma, Kazuya

Surgical treatment, chemotherapy, and multidisciplinary treatment for stomach cancer

Kubo, Shoji

Pathology and surgical treatment of hepato-biliary-pancreatic disease, liver transplantation, surgical infections

Nishiyama, Noritoshi

Pathology and surgical treatment of respiratory and mediastinal disease

Nakaoka, Tatsuo

long-term prognosis of postoperative patients in pediatric surgery, treatment for meconium obstruction in low birth weight infant

Toyokawa, Takahiro

Surgical treatment and multidisciplinary treatment for stomach cancer and esophageal cancer

Nagahara, Hisashi

Individualized treatment in chemotherapy for colorectal cancer, laparoscopic surgery for colorectal cancer, surgical treatment for inflammatory bowel disease

Tanaka, Hiroaki

Surgical treatment and development of therapy based on micro-environment analysis for stomach cancer

Lee, Shigeru

Surgical treatment and multidisciplinary treatment of esophageal cancer

Amano, Ryousuke

Establishment of multidisciplinary treatment for complete cure of local advanced pancreatic cancer, nutritional therapy for hepato-biliary-pancreatic malignant disease

Kimura, Kenjiro

Establishment of personalized medicine for pancreatic cancer using PDX (patient-derived xenograft) models. Treatment strategy targeting cancer-associated fibroblasts (CAFs) for pancreatic and biliary tract cancer.

Takemura, Shigekazu

Surgical treatment of liver, pancreatic, and bile duct cancer, chemotherapy for bile duct cancer, inhibition of liver cirrhosis progression, early diagnosis of pancreatic cancer, live-donor liver transplant

Tanaka, Shogo

Surgical treatment for hepato-biliary-pancreatic malignant tumors, laparoscopic surgery, liver transplant, prevention of postoperative complications

Takashima, Tsutomu

Pharmacotherapy for breast cancer

Noda, Satoru

Multidisciplinary treatment for breast cancer and endocrine tumors

Kashiwagi, Shinichiro

Clinical validation of microenvironmental control related to malignant trait acquisition of breast cancer

Izumi, Nobuhiro

Lung malignant tumors, mediastinal tumors, surgical treatment of emphysematous lung disease

Tsukioka, Takuma

Airway reconstruction for pulmonary malignant tumor, Multimodality therapy for lung cancer

Fujii, Hiromichi

Surgical treatment of peripheral arterial disease

Takahashi, Yosuke

Surgical treatment for atrioventricular valve regurgitation in atrial fibrillation patients

Morisaki, Kosei

Surgical treatment for aortic valve regurgitation and aortic root disease

Shibutani, Masatsune

Microenvironment of colorectal cancer, biomarker of the chemotherapeutic outcomes for colorectal cancer

Tamura, Tatsuro

Surgical treatment and nutrition therapy for stomach cancer and esophageal cancer

<Sensory and Motor Systems>**Tsuruta, Daisuke**

Elucidate pathomechanism of autoimmune disorders, hair regeneration, Elucidate pathomechanism of psoriasis.

Honda, Shigeru

Vitreoretinal diseases, retinopathy of prematurity, neuro-ophthalmology

Motomura, Hisashi

Reconstructive surgery, microsurgery, multidisciplinary treatment for malignant skin tumors, malignant melanoma, multidisciplinary treatment for refractory skin ulcers, eye socket reconstruction

Goto, Takeo

Development of cranial base surgery methods, research on basi-cranial micro dissection, development of nasal endoscopic surgery methods

Ohata, Kenji

Cranial base surgery, brain tumor surgery, spine and spinal cord surgery

Nakamura, Hiroaki

Spinal surgery, Minimally invasive spinal surgery, Scoliosis, Osteoporosis spinal disorders

Hashimoto, Takashi

Clinical study of 8 groups of rare and intractable genetic skin diseases, the study of identification of novel autoantigen and development of comprehensive diagnostic method for autoimmune bullous skin diseases, the study of immunoglobulin class-switch mechanism in autoimmune bullous skin diseases, the study of development of automatic diagnostic method for immunofluorescence tests by artificial intelligence (deep learning) in autoimmune bullous skin diseases, preparation of registry for various types of autoimmune bullous skin diseases, the study of analysis of autoantigens for anti-laminin gamma-1 pemphigoid using laminin gamma-1 knockout HaCaT cells by CRISPR-Cas9 strategy.

Nakajima, Koichi

Study of the regulatory mechanisms of STAT activation-inactivation cycle and development of STAT inhibitors

Sakamoto, Hiroaki

Research and analysis of pathologies of childhood-onset of neurosurgical diseases

Sugawara, Kouji

Research on the pathogenesis of alopecia areata and psoriasis, Research on the effects of endocannabinoid on skin appendages and mucosal tissue, Investigating the biology of mast cells, Research on the pathomechanism of itch

Ozawa, Toshiyuki

Research on treatment of infections through photodynamic therapy (PDT)

Kohno, Takeya

Ocular trauma, eye circulation, macular disease, age-related macular degeneration

Sunami, Kishiko

Inner ear disorders (especially equilibrium function), clinical research on middle ear disease

Sakamoto, Hirokazu

Pediatric functional hearing loss, Auditory processing disorder, clinical research of allergic disease

Hatano Takaharu

Multidisciplinary treatment for trauma and burns, malignant melanoma

Takami, Toshihiro

Spinal cord tumor, spinal functional recovery, spine biomechanics

Terai, Hidetomi

Spine surgery, Regenerative medicine of bone, Scoliosis, Development of medical devices

Hoshi, Manabu

Bone and soft tissue tumor, Bone metastasis, Navigation surgery

Yamamoto, Manabu

Age-related macular degeneration, retinal laser therapy vitreoretinal surgery

Tanoue, Mizuki

vitreoretinal surgery, ocular oncology, ocular and orbital inflammation

Hirayama, Kumiko

Vitreoretinal diseases, laser therapy

Takano, Sakurako

Clinical research on sensorineural hearing loss and tinnitus and hearing physiology

Morisako, Hiroki

Research on vein dissection of posterior cranial fossa

Uda, Takehiro

Surgical treatment of epilepsy and glioma. Research on clinical neurophysiology using electroencephalography and magnetoencephalography

Naitou, Kentarou

Diagnostic imaging and surgical treatment of spine and spinal cord diseases

Minoda, Yukihide

Knee surgery, Hip surgery, Artificial joints, Biomaterials, Biomechanics, Computer assisted surgery

Hashimoto, Yusuke

Sports medicine, Cartilage, Ligament reconstruction, Biomechanics, Meniscus regeneration, Ligament reconstruction

Ohta, Youichi

Cartilage metabolism (prevention of joint cartilage degeneration), Bone metabolism, Bone reconstruction using bone morphogenetic protein, Knee and hip surgery

Okada, Mitsuhiro

Analysis of blood flow in neurotrophic blood vessels in peripheral neuropathy, Development of tissue flaps and anatomical search, Hand surgery, Peripheral nerve surgery, Microsurgery

Hoshino, Masatoshi

Minimally invasive spine surgery, Osteoporosis, Clinical epidemiology

Ikebuchi, Mitsuhiro

Navigatic system in joint surgery, Medical-engineering collaboration in orthopaedic surgery and rehabilitation, Gait analysis with wearable accelerometers, Machine Learning for Rehabilitation

Suzuki, Akinobu

Spine surgery, Minimally invasive spinal surgery, Spine and spinal cord tumors, Bone reconstruction, Nerve reconstruction, Analysis of mechanisms of ligamentum flavum hypertrophy

Imanishi, Hisayoshi

Research on the role of epithelial to mesenchymal transition (EMT) in primary cicatricial alopecias and skin cancers, Research on the

pathological mechanism of nail psoriasis.

Nakai, Koza

The role of free radical/reactive oxygen species on skin patho-/physiology, Pathological elucidation and novel treatment of Atopic dermatitis and psoriasis, skin aging and cancer.

Arima, Hironori

Anatomical assessment of tumor vascular structure

Ichinose, Tsutomu

Development and education of vascular surgery based on anatomical and pathological findings

Shigihara, Yoshihito

Research on clinical neurophysiology using electroencephalography and magnetoencephalography

Sugama, Ryo

Hip surgery, Knee surgery, Artificial joints, Computer assisted surgery, Implant development

Nakajyo, Kosuke

Surgical treatment of gliomas

Oishi, Masahiro

Clinical Research of head and neck cancer

<Medical Control>**Kusakabe, Tetsuya**

Pharmaceutical Administration, Regulatory Science, Medical Innovation, Research Ethics

Shuto, Taichi

Medical education, General practice

Takeya, Hiroshi

Research on diagnosis and treatment of bacterial and fungal infectious diseases, research on infection control

Shintani, Ayumi

Development of effective biological methodology and data management techniques in clinical research

Tateishi, Chiharu

Regulatory Science, Medical Innovation, Research Ethics

Takemoto, Yasuhiko

Medical education, General practice, Translational research in medical education, Cardiovascular function evaluation science, Cardiology, Molecular biology and clinical pharmacology

Yamaguchi, Etsuko

Quality and Safety Management in Healthcare, Quality Improvement Science, Quality Management, Arts and Design in Quality and Safety, Social Psychology and Group Dynamics, Pediatric Hematology/Oncology

Sanada, Shoji

Establishment of effective planning strategy for clinical research and development and its facilitating methods.

Shiba, Masatsugu

Empirical research and design in smart life science

Yoshida, Hisako

Application of hierarchical Bayes models for clinical research

Tochino, Yoshihiro

Medical education, General practice, Respiratory medicine, Sleep medicine

Kamata, Noriko

Medical education, General practice, Gastroenterology, Inflammatory bowel disease

Toyoda, Hiromitsu

Medical education, General practice, Orthopedic surgery, Spine and Spinal cord surgery, Osteoporosis, Bone biomaterial

Yamada, Kouichi

Epidemiological research of resistant bacteria, research on appropriate use of antibiotics

Fujii, Hisako

Research on clinical research methodology

Takahashi, Kanae

Research on statistical design and analysis of small-scale clinical

trials

Namikawa, Hiroki

Medical education, General practice, Infectious disease medicine, Clinical epidemiology

Kabata, Daishirou

Development of statistical methods for observational studies

Imai, Takumi

Causal inference with longitudinally observed data

Graduate School of Nursing

Kumagai, Tamaki

Research on nursing education, research on relationships between patient families and medical practitioners, research on work environments

Moriki, Yuko

Research on mutual relationship between patients', their families' characteristics, nurses' competencies, and system, research on ethical behavior of nurse

Sannomiya, Yuri

Research on nursing education and professional development for nurse

Yokoyama, Yoshie

Research on prevention of child abuse, international comparative research of maternal and child health, research on development and growth, intervention studies for prevention of abuse of children resulting from multiple births, twin study, research on public health nurse activities, research on health inequality

Hatakeyama, Noriko

Research on public health nurse activities, Study on Community health nursing, Research on maternal and child health, Study on regional disaster prevention

Shirai, Midori

Research on environmental support for older adults with dementia, research on 'seating' for older adults

Sasaki, Yachiyo

Research on health promotion of community dwelling older adults, research on environmental support for older adults with dementia

(Home Health Care) **Kono, Ayumi**

Community and home health nursing care or prevention of frailty in elderly people, age-friendly communities

Okamoto, Fumiko

End-of-life care at home, grief care, decision-making support, management of visiting nurse service

Sakuda, Hiromi

Cancer nursing, Acute care nursing, Disaster nursing

Murakawa, Yukari

Acute Care Nursing, Cancer Nursing, Disaster Nursing

Yamaguchi, Yoko

Research on chronic illness nursing, patient education, basic nursing education and nursing education

Cho, Soongrae

Research on nursing for patients with heart failure, basic nursing education, nursing education

Matsuda, Mitsunobu

Psychoeducation for patients with schizophrenia, community based care for people with mental disability, program evaluation

(Psychiatric and Mental-health Nursing) **Kohno, Ayumi**

Research on nursing for patients with schizophrenia, educational research on psychiatric nurses

Tamaue, Mami

Research on perinatal child rearing support, research on nursing for women and infertility women who experienced miscarriage

Waki, Asuka

Research on safety and effectiveness of acupressure stimulation during delivery, Research on international nursing education

Hiratani, Yuko

Research on child health care nursing and family health care nurs-

ing

Shioi, Atsushi

Mechanism of Atherosclerosis and Vascular Calcification, Aging and Calcium Metabolism, Mechanism of Chronic Kidney Disease and Renal Fibrosis

Fujita, Hisakazu

Basic research on proliferation and metastasis of cancer cells using biochemistry, molecular biology, and cell biology methods

Graduate School of Human Life Science

Department of Food and Nutrition

Habu, Daiki

Study on nutritional assessment and therapy for liver cirrhosis and fatty liver disease

Yoshita, Katsushi

Public health and community nutrition research on prevention of life-style related diseases

Saeki, Shigeru

Molecular nutritional research on lipid metabolism

Masuda, Toshiya

Organic chemistry of plant phenols including polyphenols

Nakadai, Eriko

Molecular and physiological research on bioregulatory effects of food factors and probiotics

Wada, Takayuki

Molecular epidemiology and ecology on transmission and spread of microbial pathogens

Furusawa, Naoto

Research on multiresidue drug analyses

Ichikawa, Naoki

Biochemical/molecular biological research on energy metabolism regulatory systems

Kojima, Akiko

Research of pathophysiology and nutritional biochemistry on prevention of life-style related diseases

Kim, Dong-ho

Molecular nutritional research on lipoprotein metabolism

Yasui, Yoko

Clinical nutrition research on tailor-made nutrition education

Fukumura, Tomoe

Research on prevention of lifestyle-related disease and support of nutrition/eating habits

Hayami, Naomi

Eating behaviors among adolescents and development of nutrition education programs

Department of Housing and Environmental Design

Emura, Kazuo

Optimization of the thermal environment and energy saving

Mori, Kazuhiko

Research on housing welfare and environmental design

Watanabe, Tsugumichi

Research on maintenance and new construction of housing

Koito, Akiko

Research on dwelling life of children and families

Matsushita, Daisuke

Design methods based on behavior measure

Takizawa, Atsushi

Research on the relationship between information/mathematics and living space

Nakano, Shigeo

Research on city planning and urban design

Sakai, Hideki

Research on comfort and safety of housing environment

Ueda, Hiroyuki

Research on elderly housing and housing anthropology

Fukuda, Miho

Historical research on living spaces

Koike, Shihoko

Research on living space design

Farnham, Craig

Research on air conditioning equipment and thermal comfort

Ikuta, Eisuke

Research on environmental safety engineering

Okamoto, Shigefumi

Research on the structural performance of timber buildings

Nishioka, Moto

Ergonomic research on devices and environments supporting the lifestyles of the elderly and disabled

Kato, Haruka

Research on shrinking neighborhoods focused on walkability

Department of Human Development and Welfare

Nakai, Takaaki

Educational clinical studies, Evolution human behavioral studies

Mifune, Naoko

Psychopathology/developmental disorders studies, psychotherapy studies

Okada, Shinichi

Research on Social Work, Social Administration, and Social Welfare

Tokoro, Michihiko

Theoretical and policy research on social security supporting family diversification

Horiguchi, Tadashi

Research on poverty reduction, development assistance, life improvement, etc.

Ohnishi, Jiro

Medical social work, Psychiatric social work, Interprofessional education

Shinoda, Miki

Research on clinical psychology of the elderly, Research on psychotherapy

Nagahama, Teruyo

Mother-child psychology clinical research, psychotherapy research

Nomura, Yasuyo

Research on conflict management methods in communities, research on housing welfare

Matsuki, Hiroto

Family sociology and child care support

Ukawa, Shigekazu

Research in the field of aging epidemiology

Kakita, Yusuke

Research on poverty and social policy

Gotoh, Kayoko

Research on practices in clinical psychology in adolescence and mentality of adolescents

Unoura, Naoko

Research on advocacy practice in social work

Shimizu, Yuka

Research on community care for people with mental disabilities

Hirota, Yoji

Personality Assessment, Practice of Psychotherapy

Nakashima, Naomi

Research on community based child and family welfare

Graduate School of Urban Management

Urban Policy and Regional Economy

Endo, Naohide

Research on public management and governance from accounting

point of view

Konagaya, Kazuyuki

Research on the economic regional structure and urban policy in megacities, town management, and regional revitalization

Sato, Michihiko

Research on innovated method of urban planning

Sano, Nobuhisa

Research on the public management and regional management by public private partnerships

Nagata, Junko

Research on the management related to public sector organizations and people

Yoshida, Takayuki

Urban cultural policy, cultural resources, art project

Urban Governance

Takano, Keisuke

Research on the legislative process, the decision-making process in government, and the administrative procedure

Hisasue, Yayoi

Legal systems on public lands and properties, National Security Law

Goishi, Norimichi

Comparative international research on social policy in East Asia

Mizukami, Keigo

Research on city finances and city management and international comparative research on government debt

Urban Business

Umehara, Kiyohiro

Research on small business management and ICT business

Kanai, Kazuyori

Entrepreneurship, industrial cluster and regional innovation, social venture and social entrepreneurship

Shindo, Haruomi

Corporate Venturing, Academic Spinoffs

Chika, Katsuhiko

Information economics, information social science, research on valuation techniques for information investment

Murakami, Norio

AI / renewable energy industry study

Ozeki, Tamane

Innovation, Creativities, University Startups, Strategic Alliances

Innovation Management of Healthcare and Social Welfare Organization

Akuzawa, Mariko

Human rights education and training for rights-holders and duty-bearers, international human rights mechanisms and civil society, modern forms of discrimination against minorities, human rights research methodologies.

Iwasaki, Yasunobu

Leadership in healthcare organizations, Open innovation for healthcare organizations

Kawamura, Takaya

Management and organization of knowledge creation in multicultural societies

Shingae, Akitomo

Research on life models of sexual minorities, research on scientific technology and the body

Hattori, Toshiko

The philosophical foundation of organization ethics in healthcare