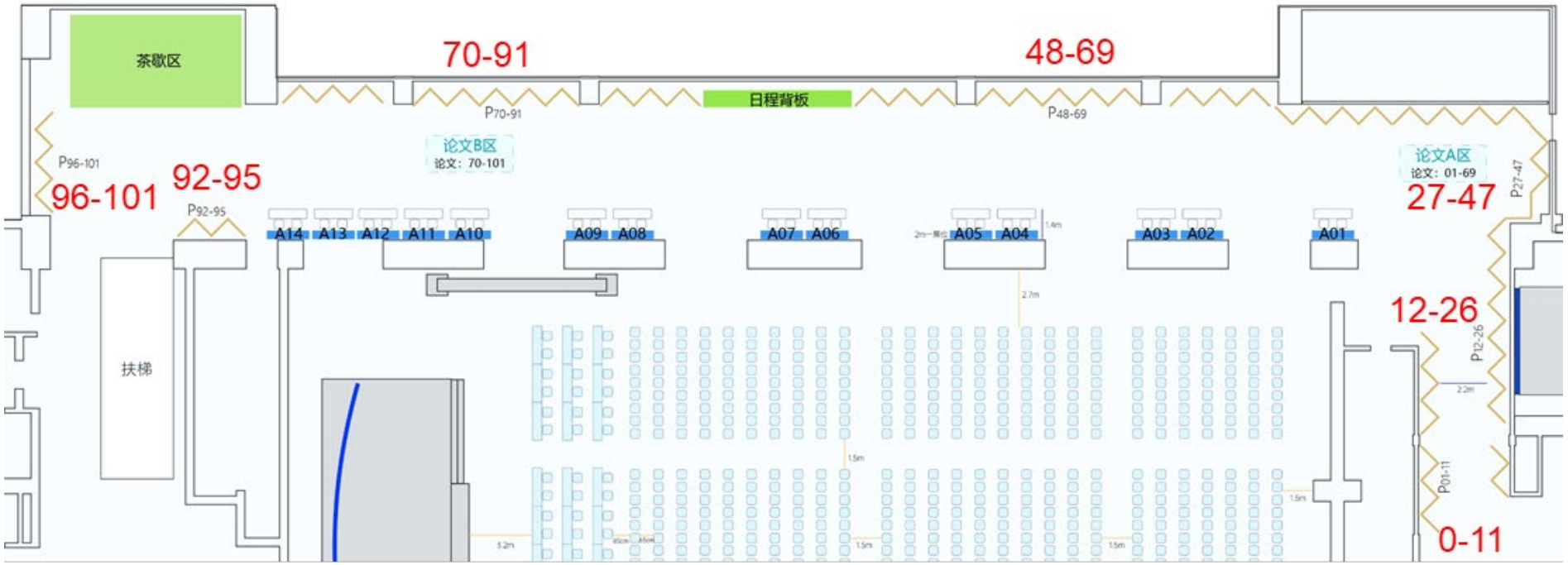
# Poster presentation guidelines

- **Poster session I:** June 1st, 11:30 AM – 12:30 PM.
- **Poster session II:** June 2nd, 11:00 AM – 12:00 PM.
- Posters must reflect the material summarized in your abstract.
- Your poster dimensions should be no larger than 107cm (wide) X 120cm (high).
- Please use the table blow to find your presentation time/location/board number.
- Authors are required to stand at their poster to answer questions during the session.
- If you will present in Session I, set up your poster before 11:30AM and remove it by the end of June 1st.
- If you will present in Session II, set up your poster before 11:00AM and remove it by the end of June 2nd.
- Please contact ICMRS@icmrs.net if you have any questions.

- **Poster ID #1-101:** 3rd floor, Quanshang Grand Ballroom Foyer (三楼泉商宴会厅·序厅);



- **Poster ID #102-245:** 5th floor, Vasco Da Gama &James Cook &Francis Drake

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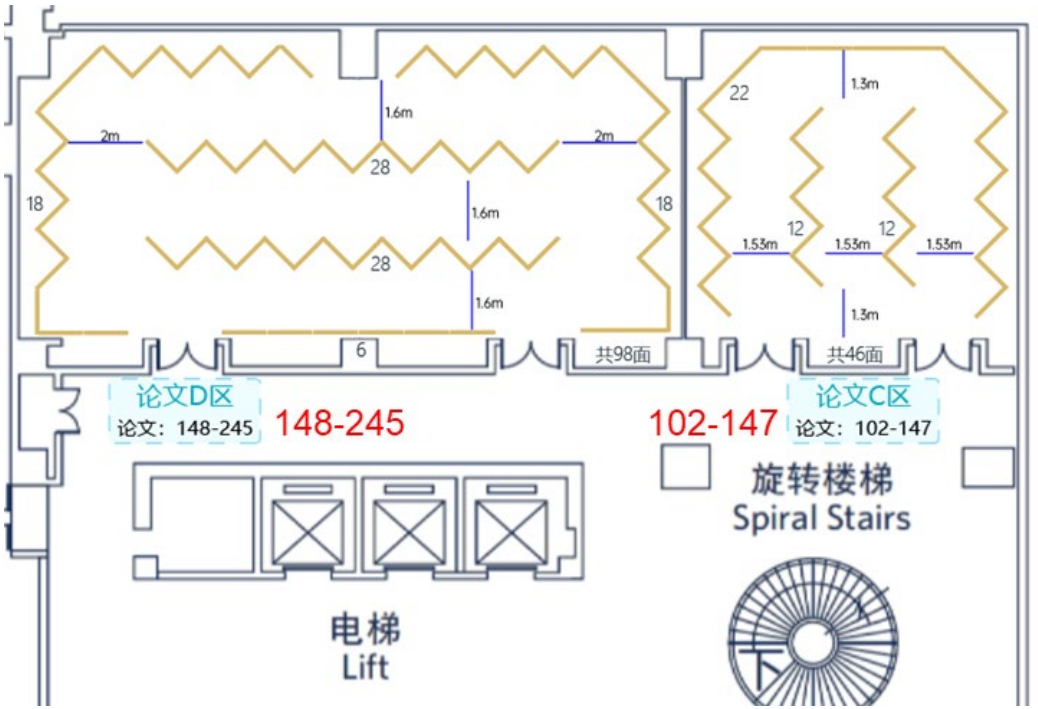

| Poster session # | Presentation date | Presentation location | Poster board ID | Abstract ID | Last Name | First Name | Abstract Title |
|---|---|---|---|---|---|---|---|
| I | June 1st | 3rd floor | 1 | 73-5568-35117 | Bai | Yuxin | The enhanced generation of motor neurons from mESCs by MgAl layered double hydroxide nanoparticles |
| II | June 2nd | 3rd floor | 1 | 73-5621-55475 | Zhu | Ce | Bioactivated polyetheretherketone scaffold able to generate mild heat for promoting bone regeneration via activating MAPK/ERK signaling pathway |
| I | June 1st | 3rd floor | 2 | 73-5632-2873 | Luan | Shifang | Backbone-degradable robust bone adhesive via in situ radical ring-opening polymerizaiotn |
| II | June 2nd | 3rd floor | 2 | 73-5656-1628 | Cui | Zhong-Kai | Intrinsic antibacterial and osteoinductive sterosomes promote infected bone healing |
| I | June 1st | 3rd floor | 3 | 73-5747-52288 | Shi | Qin | Microenvironment-responsive bilayer hydrogel microspheres with gelatin-shell for osteoarthritis treatment |
| II | June 2nd | 3rd floor | 3 | 73-5765-3497 | Chen | Quanchi | Multifunctional hierarchical hydrogel for osteoporotic bone defect treatment |
| I | June 1st | 3rd floor | 4 | 73-5777-52148 | Yuan | Bo | Construction and Mechanism of Action of osteoinductive poly aryl ether ketone materials |
| II | June 2nd | 3rd floor | 4 | 73-5789-332015 | Wang | Wenzhao | 3D printing of personalized magnesium composite bone tissue engineering scaffold for bone and angiogenesis regeneration |
| I | June 1st | 3rd floor | 5 | 73-5791-24183 | Zhou | Kai | ACTIVATED MACROPHAGE MEMBRANE-COATED NANOPARTICLES RELIEVE OSTEOARTHRITIS-INDUCED SYNOVITIS AND JOINT DAMAGE |
| II | June 2nd | 3rd floor | 5 | 73-5796-474114 | Han | Haihui | HYDROGEL INJECTION TO DELAY SURGICALLY INDUCED KOA JOINT DEGENERATION IN MICE |
| I | June 1st | 3rd floor | 6 | 73-5800-59477 | Zhou | Hengxing | Multi-dimensional biomimetic shape memory superelastic sponge scaffold for spinal cord injury repair |
| II | June 2nd | 3rd floor | 6 | 73-5806-242510 | Lin | Xiao | RECONSTRUCTION OF TISSUE MECHANICAL ENVIRONMENT PROMOTES REGENERATIVE REPAIR OF INTERVERTEBRAL DISC DEGENERATION |
| I | June 1st | 3rd floor | 7 | 73-5813-143111 | Guo | Chuan | Regulating inflammation and apoptosis: a smart microgel gene delivery system for repairing degenerative nucleus pulposus |
| II | June 2nd | 3rd floor | 7 | 73-5819-10386 | Tang | Peiyuan | Leukocyte-rich platelet-rich plasma's clinical effectiveness in arthroscopic rotator cuff repair: a meta-analysis of randomized controlled trials |
| I | June 1st | 3rd floor | 8 | 73-5821-54197 | Wang | Haoran | Efferocytosis-mediated inflammatory reversal mechanism via biomimetic scaffold for promoting bone repair |
| II | June 2nd | 3rd floor | 8 | 73-5839-18148 | Hu | Ying | Study on Preventing Osteomyelitis with Micro-nano Composite Gel Coating on Medical Titanium Alloy |
| I | June 1st | 3rd floor | 9 | 73-5862-254514 | Liu | Kai | Biocompatibility and osteoinductivity of biodegradable Zn-Li-Ca ternary alloys for bone regeneration: In vitro and in vivo studies |
| II | June 2nd | 3rd floor | 9 | 73-5875-4553 | zhang | han | PRP-Enhancement Biomaterials for Vascularization and Osteogenesis |
| I | June 1st | 3rd floor | 10 | 73-5876-14594 | Luo | Wangwang | Advanced Topology of Triply Periodic Minimal Surface Structure for Osteogenic Improvement within Orthopedic Metallic Screw |
| II | June 2nd | 3rd floor | 10 | 73-5882-36307 | Guo | Jiaxin | MAGNESIUM-NANOCOMPOSITE HYDROGEL REVERSES THE PATHOLOGIES TO ENHANCE MANDIBLE REGENERATION |
| I | June 1st | 3rd floor | 11 | 73-5908-48447 | Zhou | Yaming | A Nanoengineered Bacteria With Enhanced Electromagnetic Responsiveness for Osteoporosis Treatment |
| II | June 2nd | 3rd floor | 11 | 73-5928-1455 | Zhao | Xin | Photocrosslinkable Polymers for Tissue Regeneration |
| I | June 1st | 3rd floor | 12 | 73-5968-05714 | Liqiu | Hu | CANNABINOL STRONTIUM ALGINATE HYDROGEL PROMOTE BONE HEALING AND ENHANCE THE ELASTIC / PLASTIC MECHANICAL PROPERTIES |
| II | June 2nd | 3rd floor | 12 | 73-5983-54512 | Yang | Yiqi | A Novel Antibacterial Immune Activator: Bi-MOF Act as H2S Scavenger to Repress HIF-1α S-sulfhydration and Alleviate Implant-associated Infection |
| I | June 1st | 3rd floor | 13 | 73-5997-56213 | Ji | Luli | 2-N, 6-O SULFATED CHITOSAN EVOKES PERIOSTEAL STEM CELLS FOR BONE REGENERATION |
| II | June 2nd | 3rd floor | 13 | 73-6003-2191 | Ren | Youliang | Evaluation of the therapeutic effect of borosilicate glass (BSG)-Fe3O4 magnetic scaffold on implant-associated Staphylococcal aureus bone infection |
| I | June 1st | 3rd floor | 14 | 73-6027-18215 | Li | Kexin | “Dangerous kindness” to bacteria: hydrogel loading photothermal and peptidoglycan metabolism-involving particles to treat infectious bone defect |
| II | June 2nd | 3rd floor | 14 | 73-6047-50573 | Zeng | Dapeng | NEAR-INFRARED LIGHT AND MAGNETIC FIELD DUAL-RESPONSIVE 3D PRINTED SCAFFOLDS FOR BONE DEFECT REPAIR |
| I | June 1st | 3rd floor | 15 | 73-6048-54123 | Zhao | Da-wang | Calcium-zinc phosphate chemical conversion coating facilitates the osteointegration of biodegradable zinc alloy implant by orchestrating macrophage phenotype |
| II | June 2nd | 3rd floor | 15 | 73-6057-59504 | du | yuhan | Multilayered Janus chitosan-based biomimetic periosteum for bone regeneration integrating |
| I | June 1st | 3rd floor | 16 | 73-6096-0411 | Ying | Boda | CONSTRUCTION AND PROPERTIES INVESTIGATION OF DUAL-FUNCTIONAL ION-RELEASED IMPLANTS FOR TENDON-BONE HEALING |
| II | June 2nd | 3rd floor | 16 | 73-6099-48812 | Xia | Yi | Nanomaterials Modified Scaffolds for Osteogenic Differentiation |
| I | June 1st | 3rd floor | 17 | 73-6114-173014 | Chen | Weicheng | A three-pronged approach for comminuted bone fracture repair: bone glue with adhesion, bacteriostasis and in situ mineralization ability |
| II | June 2nd | 3rd floor | 17 | 73-6118-291214 | Tao | Siyue | Breathing Micelles For Combinatorial Treatment Of Rheumatoid Arthritis |
| I | June 1st | 3rd floor | 18 | 73-6127-164215 | Liu | Yihao | Quaternized chitosan modified GaMOF for capture MRSA, disturb cell wall biosynthesis and enhance sensitivity to β-lactams |
| II | June 2nd | 3rd floor | 18 | 73-6131-241121 | Zhou | YunQi | Injectable antioxidant GelMA hydrogel loaded with Cu/Zn-doped calcium phosphate for subchondral bone defect repair |
| I | June 1st | 3rd floor | 19 | 73-6136-12401 | Lu | Hongbin | Optimized Allogenic Decellularized Meniscal Scaffold Modified by Collagen Affinity Stromal Cell–Derived Factor SDF1a for Meniscal Regeneration |
| II | June 2nd | 3rd floor | 19 | 73-6164-2307 | Yang | Yipei | 3D-printed Manganese Dioxide Containing Composite Scaffolds Promote Osteogenic-Angiogenic Coupling of Bone Regeneration by Scavenging ROS and Remodeling Osteoimmune Microenvironment |
| I | June 1st | 3rd floor | 20 | 73-6179-30599 | Chen | Cui | Antimicrobial premixed calcium phosphate bone cement for the treatment of infected bone defects and promotion of bone regeneration |
| II | June 2nd | 3rd floor | 20 | 73-6210-384914 | Li | Bingyun | ANTIMICROBIAL BIOMATERIALS TARGET INTRACELLULAR MUSCULOSKELETAL INFECTION |
| I | June 1st | 3rd floor | 21 |  | Zhang | Chengming | A novel pH-responsive delivery system based on carbon quantum dots carrying PT2385 to target and inhibit HIF-2α for the treatment of osteoarthritis. |
| II | June 2nd | 3rd floor | 21 | 73-6327-22463 | Zhang | Yuantao | Mg-containing Hybrid Interference Screw Promotes The Healing of ACL Reconstruction |
| I | June 1st | 3rd floor | 22 | 73-6330-53175 | Zhou | Huan | Moldable Self-setting and Bioactive New Bone Wax for Bone Hemostasis and Defect Repair |
| II | June 2nd | 3rd floor | 22 | 73-6355-59181 | Chen | zecai | THE COATING OF 3D PRINTED SCAFFOLD WITH SIS ACCELERATED DIABETIC BONE REGENERATION BY AMELIORATING THE MICROENVIRONMENT |
| I | June 1st | 3rd floor | 23 | 73-6362-57523 | Gu | Chenhui | Targeting Initial Tumour-Osteoclast Spatiotemporal Interaction to Prevent Bone Metastasis |
| II | June 2nd | 3rd floor | 23 | 73-6366-10106 | Su | Zheng | Bioresponsive MOF-based metalloantibiotics against implant-related infections |

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| I | June 1st | 3rd floor | 24 | 73-6367-15416 | Sun | Jiaxuan | Local delivery of gaseous signaling molecules for orthopedic disease therapy |
| II | June 2nd | 3rd floor | 24 | 73-6377-3029 | Deng | YuXin | A novel apoferritin nanocage with ECM promoting, ferroptosis suppressing and inflammation targeting property for osteoarthritis therapy |
| I | June 1st | 3rd floor | 25 | 73-6379-48499 | Hu | Xianli | Biomimetic MOF Combats BAIs via Hyperthermia-Enhanced Bacterial Metabolic Interference and Autophagy-Promoted Adaptive Immunity |
| II | June 2nd | 3rd floor | 25 | 73-6384-55613 | Chen | Yu | Development of novel metal-organic framework based nanodrug for osteoarthritis therapy through ROS targeted high throughput screening |
| I | June 1st | 3rd floor | 26 | 73-6409-6552 | Xu | Yi-Di | APOPTOTIC BODY-INSPIRED NANOTHERAPEUTICS TARGET BRD4 REGULATED SYNOVIAL MACROPHAGE TO ATTENUATE OSTEOARTHRITIS |
| II | June 2nd | 3rd floor | 26 | 73-6433-324914 | Chen | Song | Mineralization of mineral plastic hydrogel generates mechanically robust and highly osteogenic bone-grafting materials |
| I | June 1st | 3rd floor | 27 | | Wang | Jianhao | 3D printed bionic hydrogel scaffold promotes neuronal and axonal regenerationto repair spinal cord injury |
| II | June 2nd | 3rd floor | 27 | 73-5561-491514 | Chen | Ming | Bifidobacterium animalis subsp. lactis A6 ameliorates bone and muscle loss via modulating gut microbiota composition and enhancing butyrate production |
| I | June 1st | 3rd floor | 28 | 73-5569-1498 | Lin | Junyu | The distribution of bone void in thoracolumbar spine in adult Chinese with and without osteoporosis: a prospective, multi-center study based on 464 vertebrae |
| II | June 2nd | 3rd floor | 28 | 73-5589-16163 | Sun | Ping | Gut microbiota and short-chain fatty acid signatures in postmenopausal osteoporosis patients：a retrospective study |
| I | June 1st | 3rd floor | 29 | 73-5598-23186 | Sun | Ping | ZIYUGLYCOSIDE II ATTENUATED OVX MICE BONE LOSS VIA INFLAMMATORY RESPONSES AND REGULATION OF GUT MICROBIOTA AND SCFAS |
| II | June 2nd | 3rd floor | 29 | 73-5599-36538 | Sun | Ping | Decoding the Mechanism of Eleutheroside E in Treating Osteoporosis via Network Pharmacological Analysis, Molecular Docking and Gut Microbiota |
| I | June 1st | 3rd floor | 30 | 73-5603-48710 | Sun | Ping | Study on the Mechanism of inhibiting titanium partical-induced osteolysis by ARC through inflammatory factors and gut microbiota |
| II | June 2nd | 3rd floor | 30 | 73-5614-501912 | Lin | Wenzheng | Breaking Osteoclast-Acid Vicious Cycle to Rescue Osteoporosis via an Acid Responsive Organic Framework-Based Neutralizing and Gene Editing Platform |
| I | June 1st | 3rd floor | 31 | 73-5619-21423 | Sun | Ping | STUDY ON THE MECHANISM OF INHIBITING TITANIUM PARTICAL-INTRODUCED OSTEOLYSIS BY ARC THROUGH INFLAMMATORY FACTORS AND GUT MICROBIOTA |
| II | June 2nd | 3rd floor | 31 | 73-5624-45126 | Yao | Meng | A novel preparation method of small molecules suitable for oral administration for promoting bone formation |
| I | June 1st | 3rd floor | 32 | 73-5644-51227 | Ding | Peng | Mitochondria from osteolineage cells regulate myeloid cell-mediated bone resorption |
| II | June 2nd | 3rd floor | 32 | 73-5654-51173 | Meng | Fanjin | LncRNA CTD-2555A7.2 promotes bone formation through miR-381-wnt axis |
| I | June 1st | 3rd floor | 33 | 73-5733-522711 | Xue | Youdi | MRI-Based Vertebral Bone and Muscle Quality Parameters for Predicting Subsequent Fractures after Percutaneous Vertebral Augmentation |
| II | June 2nd | 3rd floor | 33 | 73-5734-254312 | Xue | Youdi | PFSUP VERSUS PKP FOR SEVERE OSTEOPOROTIC VERTEBRAL FRACTURE COMPLICATED WITH ENDPLATE-DISC INJURY |
| I | June 1st | 3rd floor | 34 | 73-5735-412212 | Xue | Youdi | The correlation between self-Hounsfield units and adjacent vertebral fracture after percutaneous vertebral augmentation |
| II | June 2nd | 3rd floor | 34 | 73-5736-513912 | Xue | Youdi | SECOND INJECTION AFTER INSUFFICIENT BONE CEMENT DISTRIBUTION IN UNILATERAL KYPHOPLASTY FOR OSTEOPOROTIC VERTEBRAL FRACTURE |
| I | June 1st | 3rd floor | 35 | 73-5737-51113 | Xue | Youdi | RELATED FACTORS OF SEVERE VERTEBRAL COMPRESSION FRACTURE AND CLINICAL OUTCOMES OF PKP |
| II | June 2nd | 3rd floor | 35 | 73-5744-938 | He | Xu | Apigenin alleviates osteoporosis by orchestrating SIRT1/HIF1α signaling in mesenchymal stem cells |
| I | June 1st | 3rd floor | 36 | 73-5748-14389 | Zhang | Yuansu | Irisin regulates TLR4/MyD88/NF-κB axis to alleviate obesity-induced bone loss by inhibiting IL-6 secretion |
| II | June 2nd | 3rd floor | 36 | 73-5753-0481 | Li | Zhenxi | Kisspeptin-10 Binding to Gpr54 in Osteoclasts Prevents Bone Loss by Activating Dusp18-mediated Dephosphorylation of Src |
| I | June 1st | 3rd floor | 37 | 73-5758-5204 | Che | Jingmin | CURCUMIN INHIBITS BONE LOSS BY MODULATING THE IRON METABOLISM OF BMSCs TO PREVENT THEIR SENESCENSE AND ENHANCE OSTEOGENESIS |
| II | June 2nd | 3rd floor | 37 | 73-5759-59544 | Che | Jingmin | IRON OVERLOAD INHIBITS SENESCENT OSTEOGENESIS VIA REGULATION OF MITOCHONDRIA QUALITY CONTROL |
| I | June 1st | 3rd floor | 38 | 73-5763-6516 | Yuan | Hengfeng | Ferroptosis in osteocytes as a target for protection against postmenopausal osteoporosis |
| II | June 2nd | 3rd floor | 38 | 73-5807-47810 | Sun | Ping | EXPLORING THE MECHANISM OF LOGANIN IN THE TREATMENT OF OVARIECTOMIZED-INDUCED BONE LOSS |
| I | June 1st | 3rd floor | 39 | 73-5820-12566 | Shi | Yu | O-GlcNAcylation Mediates Wnt-stimulated Bone Formation via Rewiring Aerobic Glycolysis in Osteoblast-lineage Cells |
| II | June 2nd | 3rd floor | 39 | 73-5826-105220 | Zhou | Taifeng | Pus7 mediated mRNA pseudouridylation controls bone homeostasis |
| I | June 1st | 3rd floor | 40 | 73-5829-405 | Cui | Chun-Ping | Mechanical unloading triggers glutamine influx and catabolism to suppress intrinsic apoptosis of osteoclasts |
| II | June 2nd | 3rd floor | 40 | 73-5837-58307 | Qian | Yu | GWAS of ~30,000 samples with BMD at multiple skeletal sites and its clinical relevance on fracture prediction, genetic correlations and prioritization of drug targets |
| I | June 1st | 3rd floor | 41 | 73-5841-8910 | Qu | Ying | Nuclear Pore Complex Mediates Chromatin Recombination Affects Osteoclast Differentiation and Function |
| II | June 2nd | 3rd floor | 41 | 73-5842-101411 | MEI | JIALUN | Pink1/Prkn pathway in osteocytes protects glucocorticoid-induced osteoporosis via D-mannose-6 phosphate |
| I | June 1st | 3rd floor | 42 | 73-5847-37551 | WANG | Haixing | STAPHYLOCOCCAL ENTEROTOXIN C2 MAINTAINS BONE HOMEOSTASIS AND PROMOTES FRACTURE HEALING VIA MODULATING T CELLS |
| II | June 2nd | 3rd floor | 42 | 73-5852-5486 | Zhou | Siru | Association of serum alkaline phosphatase levels with BMD, osteoporosis incidence, and mortality in US adults with osteoporosis: evidence from NHANES 2005-2018 |
| I | June 1st | 3rd floor | 43 | 73-5860-123710 | Wang | dongxue | EXERCISE PROMOTES OSTEOGENIC DIFFERENTIATION BY ACTIVATING THE LNCRNA H19/MIR-149 AXIS |
| II | June 2nd | 3rd floor | 43 | 73-5871-23367 | CHEN | JIAN | ZDHHC13 REGULATES OSTEOCLASTOGENESIS THROUGH MEDIATING PALMITOYLATION OF SLC11A2 AND IRON HOMEOSTASIS |
| I | June 1st | 3rd floor | 44 | 73-5872-95012 | Yao | meng | Screening and identification of oral peptide as bone formation enhancer |
| II | June 2nd | 3rd floor | 44 | 73-5877-44566 | Xu | Huihui | Naringenin Protects MSCs from Autophagy-Mediated Apoptosis in GONFH by Increasing Ser757 Phosphorylation of ULK1 |
| I | June 1st | 3rd floor | 45 | 73-5884-84011 | Yin | Chong | PLEC PROMOTES BONE FORMATION VIA PHASE SEPARATION AND SEQUESTERING ANXA2 |
| II | June 2nd | 3rd floor | 45 | 73-5903-3972 | Wang | Shaoyi | Progranulin protects against osteoporosis by regulating Osteoclast and Osteoblast balance via TNFR pathway |
| I | June 1st | 3rd floor | 46 | 73-5912-111613 | Zeng | Ling-Feng | Effects of Resveratrol in an Animal Model of Osteoporosis: A Meta-analysis of Preclinical Evidence |
| II | June 2nd | 3rd floor | 46 | 73-5920-1054 | Wei | Yali | Craniofacial mesenchymal stem cells protect bone loss under inflammation |
| I | June 1st | 3rd floor | 47 | 73-5926-5354 | Liang | Haibo | SOFALCONE RESTRAINS OSTEOCLASTOGENESIS BY INTERRUPTING KEAP1-NRF2 INTERACTION AND ACTIVATING NRF2 PATHWAY |
| II | June 2nd | 3rd floor | 47 | 73-5929-52537 | Xu | Chunmei | Tendon cells directly form a new type of bone that is distinct from conventional bones and sharply expanded in the Hypophosphatemia rickets mice (Dmp1 KO; a human DMP1 mutation mouse model) |

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| I | June 1st | 3rd floor | 48 | 73-5930-52468 | Ruizhi | Zhang | Iron overload inhibits BMSCs mitophagy to accelerate bone aging |
| II | June 2nd | 3rd floor | 48 | 73-5943-59511 | liu | kaiwen | Atsttrin regulates osteoblastogenesis and osteoclastogenesis through the TNFR pathway |
| I | June 1st | 3rd floor | 49 | 73-5954-32115 | Zong | Bo | EFFECT OF MAGNETO-ACOUSTIC FIELD ON BIOLOGICAL OF BONE TISSUE IN OVARIECTOMIZED MICE |
| II | June 2nd | 3rd floor | 49 | 73-5958-55488 | Wang | Song | INTEGRATION OF SPINAL MUSCULOCKELETAL SYSTEM PARAMETERS FOR PREDICTING OVCF IN THE ELDERLY: A COMPREHENSIVE PREDICTIVE MODEL |
| I | June 1st | 3rd floor | 50 | 73-5959-10579 | Wang | Song | COMBINED WITH VBQ TO CONSTRUCT A NOVEL PREDICTIVE MODEL OF VERTEBRAL COMPRESSION FRACTURE IN POSTMENOPAUSAL |
| II | June 2nd | 3rd floor | 50 | 73-5963-5313 | wang | wang xiong yi | Vertebral CT values and pectoral muscle index based on chest CT can opportunistically screen for osteoporosis |
| I | June 1st | 3rd floor | 51 | 73-5965-401913 | Zeng | Ling-Feng | Global Publication Trends and Research Hotspots of the Immune System and Osteoporosis: A Bibliometric and Visualization Analysis from 2012 to 2022 |
| II | June 2nd | 3rd floor | 51 | 73-5969-20214 | Liu | Nan | Autonomic dysreflexia exacerbates bone loss after spinal cord injury in rats |
| I | June 1st | 3rd floor | 52 | 73-5973-33510 | Feng | Naibo | ALKBH5 DEMETHYLATES HIVEP3 MRNA TO PROMOTE OSTEOCLAST DIFFERENTIATION AND REGULATE BONE HOMEOSTASIS |
| II | June 2nd | 3rd floor | 52 | 73-5975-55333 | Xie | Yongheng | MAGNESIUM ASCORBYL PHOSPHATE PROMOTES BONE FORMATION VIA CAMKII SIGNALING |
| I | June 1st | 3rd floor | 53 | 73-5986-212413 | Ruze | Xieyidai | MDK dual influence on bone formation and its mechanisms |
| II | June 2nd | 3rd floor | 53 | 73-5991-322113 | Liu | Chungeng | FOXK1 INDUCES BONE FORMATION VIA PROMOTING AEROBIC GLYCOLYSIS |
| I | June 1st | 3rd floor | 54 | 73-5994-463913 | Liu | Chungeng | FOXK2 INDUCES BONE FORMATION THROUGH SLC1A4 PROMOTED GLUTAMINE METABOLISM |
| II | June 2nd | 3rd floor | 54 | 73-5999-19414 | Lan | Yanhua | M2 macrophages secrete glutamate-containing extracellular vesicles to alleviate osteoporosis by reshaping osteoclast precursor fate |
| I | June 1st | 3rd floor | 55 | 73-6018-32428 | Kong | Xiangxi | FATP2 Regulates Osteoclastogenesis by increasing Lipid Metabolism and ROS Production |
| II | June 2nd | 3rd floor | 55 | 73-6022-59412 | weifeng | liu | Correlation between hip bone density, bone microstructure and bone strength in patients with osteoporosis |
| I | June 1st | 3rd floor | 56 | 73-6025-352114 | Wang | Yike | The study of iron on bone metabolism and bone turnover in mice |
| II | June 2nd | 3rd floor | 56 | 73-6030-154116 | Xiao | Xiao | A comparative study of vertebral bone mineral density after Dynesys surgery and fusion |
| I | June 1st | 3rd floor | 57 | 73-6035-595516 | Miao | Jiansen | Inhibition of KIF11 ameliorates osteoclastogenesis via regulating mTORC1- mediated NF-κB signaling |
| II | June 2nd | 3rd floor | 57 | 73-6036-20117 | Jin | Haiming | The role and mechanism of VSIG4 in regulating osteoclast differentiation in postmenopausal osteoporosis |
| I | June 1st | 3rd floor | 58 | 73-6041-9502 | Zhang | Pengfei | Cortistatin Prevents Glucocorticoid-associated Osteonecrosis of the Femoral Head via the GHSR1a/Akt Pathway |
| II | June 2nd | 3rd floor | 58 | 73-6045-39273 | Huang | Dane | Jiangu Formula: A Novel Osteoclast-Osteoblast Coupling Agent for Effective Osteoporosis Treatment |
| I | June 1st | 3rd floor | 59 | 73-6067-37356 | Cai | Luqiong | CATHARANTHINE TARTRATE AMELIORATES OSTEOCLASTOGENESIS VIA INHIBITION OF HIF-1α STABILIZATION |
| II | June 2nd | 3rd floor | 59 | 73-6073-23257 | Sun | Siyuan | A new osteopetrosis-like mice model induced by inhibiting retinoic signaling in Osx+ mesenchymal cells |
| I | June 1st | 3rd floor | 60 | 73-6074-2757 | Bai | Jinyu | P7C3 Ameliorates Bone Loss by Inhibiting Osteoclast Differentiation and Promoting Osteogenesis |
| II | June 2nd | 3rd floor | 60 | 73-6078-42387 | Liu | Yuhao | A natural Keap1 binding Loureirin B (LrB) contributes against steroid-induced osteonecrosis of femoral head through dampening ROS-mediated osteoclast activity |
| I | June 1st | 3rd floor | 61 | 73-6083-28558 | Shang | Peng | A CLINICAL TRIAL OF WEARABLE MODERATE STATIC MAGNETIC FIELD DEVICE USED IN THE TREATMENT OF POSTMENOPAUSAL OSTEOPOROSIS |
| II | June 2nd | 3rd floor | 61 | 73-6085-52558 | Wu | Qihang | TETRAHYDROBERBERINE PREVENTS OSTEOPOROSIS BY INHIBITING OSTEOCLAST FORMATION AND PROMOTING OSTEOCLAST APOPTOSIS |
| I | June 1st | 3rd floor | 62 | 73-6087-11389 | Zhang | Yuting | Carabrone inhibited bone loss through targeting thioredoxin 1 in osteoclasts |
| II | June 2nd | 3rd floor | 62 | 73-6088-12319 | Jiao | Han | Neutrophil-derived TGFß1 Causes Age-related Osteoporosis and Delays Fracture Healing |
| I | June 1st | 3rd floor | 63 | 73-6089-35279 | Liu | Guohui | Circulating MiRNA-21-enriched extracellular vesicles promote bone remodeling in traumatic brain injury patients. |
| II | June 2nd | 3rd floor | 63 | 73-6094-541010 | Jiang | Qing | Runx2 Regulates Galnt3 and Fgf23 Expressions and Galnt3 Decelerates Osteoid Mineralization by Stabilizing Fgf23 |
| I | June 1st | 3rd floor | 64 | 73-6111-51914 | Jiang | Hewen | Sclerostin loop3 required by sclerostin for lipid/glucose metabolism impairment in vivo |
| II | June 2nd | 3rd floor | 64 | 73-6168-49317 | Deng | Zhibo | A novel biologically hierarchical hydrogel with osteoblast precursor-targeting extracellular vesicles ameliorates bone loss |
| I | June 1st | 3rd floor | 65 | 73-6176-12409 | Tao | Chu | TNF/TNFR ATTENUATES PTH BONE ANABOLISM THROUGH TRAF2-INDUCED GαS NON-CANONICAL UBIQUITINATION IN AGED MICE |
| II | June 2nd | 3rd floor | 65 | 73-6186-403011 | Li | Huijuan | Effect of osteoblastic A20 on type 2 diabetic bone disease |
| I | June 1st | 3rd floor | 66 | 73-6188-74112 | li | chunyan | Olink Proteomics for the Identification of Biomarkers for Early Diagnosis of Postmenopausal Osteoporosis |
| II | June 2nd | 3rd floor | 66 | 73-6193-41412 | Liu | He | Research and development of bioactive interface of artificial joint prosthesis with osteoporosis microenvironment regulation function |
| I | June 1st | 3rd floor | 67 | 73-6201-192614 | Zeng | Ling-Feng | Expert Questionnaire Survey and Result Analysis of TCM Symptom Assessment in High Risk Population of Osteoporosis |
| II | June 2nd | 3rd floor | 67 | 73-6202-195714 | Chen | Chuyi | Cardamonin attenuates iron-overload-induced osteoblasts inhibition and osteoporosis through HIF-1α/ROS pathway |
| I | June 1st | 3rd floor | 68 | 73-6203-195814 | Ru | Kang | The novel mechanism of the pre-osteoblast migration related lncPMIF interacts with HuR to participate in bone loss |
| II | June 2nd | 3rd floor | 68 | 73-6218-1715 | Yu | Miao | Multiple Dietary Vitamin Intake and Bone Mineral Density in Adults: an observation study |
| I | June 1st | 3rd floor | 69 | 73-6225-475815 | Huang | Jie | β-Receptor blocker enhances the anabolic effect of PTH after osteoporotic fracture |
| II | June 2nd | 3rd floor | 69 | 73-6226-551115 | Wu | Tong | Increase of Angiogenesis and Osteogenesis by Simvastatin Depends on VEGF |
| I | June 1st | 3rd floor | 70 | 73-6228-11316 | Huang | Jie | COX-2-selective NSAIDs increase osteoporotic fracture risk: a UK Biobank study |
| II | June 2nd | 3rd floor | 70 | 73-6235-14422 | Gao | Yin | Bone-targeted chitosan nanomicrospheres loaded with Sipunculus nudus oligopeptide accelerate healing of osteoporotic fractures |
| I | June 1st | 3rd floor | 71 | 73-6238-34457 | Zheng | Xuanqi | Incidence and Cost of Vertebral Fracture in China |
| II | June 2nd | 3rd floor | 71 | 73-6239-57507 | Zheng | Xuanqi | Remodeling the gut microbiota of aging mice reduced bone loss |

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| I | June 1st | 3rd floor | 72 | 73-6255-46238 | Liu | Xiaowei | ELF1-METTL3/IGF2BPF2-m6A-SLC1A5 signalling axis accelerates G1/S phase cycle blockade promotes osteoblast senescence |
| II | June 2nd | 3rd floor | 72 | 73-6270-5931 | Qi | Hui | BONE MARROW MESENCHYMAL STEM CELL-DERIVED EXOSOMES PROMOTE BONE FORMATION IN OVARIECTMIZED-RATS |
| I | June 1st | 3rd floor | 73 | 73-6295-3072 | Wang | Huan | Optimization of the dosage regimen of zoledronate with a kinetic-pharmacodynamic model and exposure-response analysis |
| II | June 2nd | 3rd floor | 73 | 73-6310-20309 | Wang | Huan | Efficacy and safety of minodronate in the treatment of postmenopausal osteoporosis with low back pain: a randomized and open-label controlled trial |
| I | June 1st | 3rd floor | 74 | 73-6315-473110 | Li | Haishan | Corylifol A suppresses osteoclastogenesis and alleviates ovariectomy-induced bone loss via attenuating ROS production and impairing mitochondrial function |
| II | June 2nd | 3rd floor | 74 | 73-6352-0171 | Huang | Jinyong | ISOFLAVONES ISOLATED FROM CHICKPEA SPROUTS (ICS) ALLEVIATE OVARIECTOMY-INDUCED OSTEOPOROSIS IN RATS |
| I | June 1st | 3rd floor | 75 | 73-6390-43413 | Tang | Xiongfeng | One Novel Phantom-Less Quantitative Computed Tomography System for Auto-Diagnosis of Osteoporosis Utilizes Low-Dose Chest Computed Tomography |
| II | June 2nd | 3rd floor | 75 | 73-6394-172214 | DAI | Bingyang | MAGNESIUM-REPROGRAMMED THE METABOLISM OF MACROPHAGES TO SUPPORT PERIOSTEAL REGENERATION |
| I | June 1st | 3rd floor | 76 | 73-6397-435614 | yuan | wanqiong | Pregnancy and lactation-associated osteoporosis and vitamin K2 intervention |
| II | June 2nd | 3rd floor | 76 | 73-6401-55014 | Zhu | Zhenglin | Elucidating the Role of Hepatokine AGP2 in Exercise-Induced Bone Anabolism: A Liver-Bone Axis Perspective |
| I | June 1st | 3rd floor | 77 | 73-6402-551714 | Tan | Shuhuai | Systemic immune-inflammation index and 2-year all-cause mortality in hip fracture patients: an observational study |
| II | June 2nd | 3rd floor | 77 | 73-6404-572415 | yuan | wanqiong | The status of vitamin K2 in healthy volunteers of China |
| I | June 1st | 3rd floor | 78 | 73-6405-91016 | Ren | Weihao | Medium Frequency Pulsed Electromagnetic Field Promotes Fracture Healing in Rats |
| II | June 2nd | 3rd floor | 78 | 73-6410-2022 | Huang | Tongling | Targeting adipocyte ESRRA promotes osteogenesis and vascular formation in adipocyte-rich bone marrow |
| I | June 1st | 3rd floor | 79 | 73-6426-325412 | Wang | Zhen-Xing | Osteocyte-Derived Extracellular Vesicles Promote Metabolic Associated Fatty Liver Disease Through Hepatic Steatosis and Immune Activation |
| II | June 2nd | 3rd floor | 79 | 73-6431-284914 | Wang | Yilin | Risk Factors for Subsequent Fracture in Hip Fracture Patients: A Nested Case-control Study |
| I | June 1st | 3rd floor | 80 | 73-6438-104715 | Hu | Zilong | Effect of osthol-loaded chitosan bone-targeted microspheres on alveolar bone defects in osteoporotic rats |
| II | June 2nd | 3rd floor | 80 | 73-6446-125518 | Tang | Zi-Ling | Discovery Of Novel Histamine Decarboxylase Inhibitors From Xian-Ling-Gu-Bao Capsule For Treatment Of Osteoporotic Fracture Healing |
| I | June 1st | 3rd floor | 81 | 73-5604-124614 | Tao | Yining | TENT5A MAINTAINS MYC MRNA POLY(A) STABILIZATION TO ENHANCE THE TUMOR STEMNESS OF SARCOMA |
| II | June 2nd | 3rd floor | 81 | 73-5808-542413 | jianjun | Ma | CircECE1 activates energy metabolism in osteosarcoma by stabilizing c-Myc |
| I | June 1st | 3rd floor | 82 | 73-5830-27325 | Zhang | Wenkan | Cancer cells capture platelet mitochondria to reprogram to metastatic state |
| II | June 2nd | 3rd floor | 82 | 73-5853-19419 | Zhang | Weifei | Activating P53 to treat osteosarcoma: a tetrahedral framework nucleic acid-based therapeutic approach |
| I | June 1st | 3rd floor | 83 | 73-5854-29529 | Zhang | Weifei | Tetrahedral framework nucleic acid carrying all-trans retinoic acid inhibits the stemness of osteosarcoma cells |
| II | June 2nd | 3rd floor | 83 | 73-5878-4736 | Yuan | XUhui | Indirect bilirubin impairs invasion of osteosarcoma cells via inhibiting the PI3K/AKT/MMP-2 signaling pathway by suppressing intracellular ROS |
| I | June 1st | 3rd floor | 84 | 73-5880-5976 | Yuan | XUhui | LncRNA LBX2-AS1 impacts osteosarcoma sensitivity to JQ-1 by sequestering miR-597-3p away from BRD4 |
| II | June 2nd | 3rd floor | 84 | 73-5890-704 | Zhang | Wei | Multifunctional Nanodrugs and Nanocomposite Scaffolds for Comprehensive Bone Tumor Therapy |
| I | June 1st | 3rd floor | 85 | 73-6053-32234 | Li | mufeng | Integration of transcriptomics and experimental verifcation to determine corynoline potential mechanism of inhibiting human osteosarcoma |
| II | June 2nd | 3rd floor | 85 | 73-6158-4056 | Hua | Yingqi | SEKELETAL NSD1-DEFICIECY RESEMBLES OSTEOSARCOMA PHENOTYPE |
| I | June 1st | 3rd floor | 86 | 73-6245-502213 | Zhang | Min | study on targeted drug deliver system of chitosan loaded with selinexor for the treatment of multiple myeloma |
| II | June 2nd | 3rd floor | 86 | 73-6361-6423 | Xu | Zhen | ALOPERINE INHIBITS OSTEOSARCOMA CELLS GROWTH VIA TRIGGERING AKT SIGNALING AND ACTIVATING AUTOPHAGY PATHWAY. |
| I | June 1st | 3rd floor | 87 | 73-6376-19539 | jiang | libo | Golgi Apparatus-Targeted Photodynamic Therapy for Enhancing Tumor Immunogenicity by Eliciting NLRP3 ProteinDependent Pyroptosis |
| II | June 2nd | 3rd floor | 87 | 73-6381-02611 | Jiang | libo | Single-Component Dual-Functional Autoboost Strategy by Dual Photodynamic and Cyclooxygenase-2 Inhibition for Lung Cancer and Spinal Metastasis |
| I | June 1st | 3rd floor | 88 | 73-6387-305313 | Tang | Xiongfeng | Development and validation of knee cystic lesions automatic detection system on magnetic resonance imaging using deep learning |
| II | June 2nd | 3rd floor | 88 | 73-6393-533813 | Chao | Bo | Fabrication of PMMA for sustained release of chemotherapeutics and validation of inhibition against malignant bone tumors |
| I | June 1st | 3rd floor | 89 | 73-6411-23425 | XIONG | NAPING | ENGINEERED EXOSOMES LOADED WITH cGMM CONDUCT DUAL FUNCTIONS FOR POSTSURGICAL OSTEOSARCOMA TREATMENT |
| II | June 2nd | 3rd floor | 89 | 73-6425-281412 | liu | yujie | Targeting AKT as a promising strategy for SOX2-positive, chemoresistant osteosarcoma |
| I | June 1st | 3rd floor | 90 | 73-5657-31218 | Cui | Zhong-Kai | Exploring the Translational Potential of PLGA Nanoparticles for Intra-articular Rapamycin Delivery in Osteoarthritis Therapy |
| II | June 2nd | 3rd floor | 90 | 73-5730-26135 | zheng | guan | A novel Anti-ROS osteoblast-specific delivery system for ankylosing spondylitis treatment via suppression of both inflammation and pathological new bone formation |
| I | June 1st | 3rd floor | 91 | 73-5834-11203 | Fan | Mengke | Bioactive PMMA bone cement combined with low-dose antibiotics for synergistic treatment of intramedullary infection |
| II | June 2nd | 3rd floor | 91 | 73-5848-27243 | Sun | Yulong | Hub Genes Involved in Canonical Activation of NLRP3 Inflammasome from Bone Marrow-Derived Macrophages |
| I | June 1st | 3rd floor | 92 | 73-5870-33213 | WANG | LUYAO | TARGETING SCLEROSTIN LOOP3 FOR ENHANCING SERUM PHOSPHORUS LEVELS AND PROMOTING BONE FORMATION IN HYP MICE |
| II | June 2nd | 3rd floor | 92 | 73-5883-37449 | Ma | Peixiang | Therapeutic protein delivery to deep zone of Catilage via mRNA-LNP |
| I | June 1st | 3rd floor | 93 | 73-5967-463713 | Liqiu | Hu | NOVEL ASTRAGALUS PLOYSACCHARIDES EXTRACTED WITH PROTENTIONAL BENEFICIAL EFFECTS FOR NOVEL CORNONAVIRUS PNEUMONIA |
| II | June 2nd | 3rd floor | 93 | 73-5972-28130 | Feng | Naibo | piENOX2 REGULATES ALKBH5-MEDIATED ITGA4 M6A MODIFICATION TO ACCELERATE THE PROGRESSION OF RHEUMATOID ARTHRITIS |
| I | June 1st | 3rd floor | 94 | 73-5987-262613 | Yang | Yiqi | Diabetes fuels orthopedic implant-associated infection via Z-RNA/ZBP1-driven macrophage PANoptosis |
| II | June 2nd | 3rd floor | 94 | 73-6010-17373 | Ren | Youliang | Initial Evidence of Cytokine Storm Syndrome and Vancomycin-induced Dysbiosis in the Intestinal Flora on S. aureus Implant-associated Bone Infection Rabbit |
| I | June 1st | 3rd floor | 95 | 73-6052-23114 | Jianlu | Wei | A Novel Therapeutic Approach of Digoxin in the Treatment of Orthopedic Disorders |
| II | June 2nd | 3rd floor | 95 | 73-6144-49501 | Lu | Hongbin | Preoperative Testing Impact on Rotator Cuff Repair: Predictive Model for Hospital Stay – A Two-Center Retrospective Study |

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| I | June 1st | 3rd floor | 96 | 73-6165-2417 | Deng | Zhibo | Total hip arthroplasty via endoscopy assisted minimal invasive direct anterior approach in obese patients provides favorable outcomes |
| II | June 2nd | 3rd floor | 96 | 73-6196-56112 | Gu | Jiaxuan | Using genetics to assess the association of anti-aging drugs with bone mineral density |
| I | June 1st | 3rd floor | 97 | 73-6279-54415 | YUAN | BAOZHI | Bispecific antibody neutralizing both sclerostin and Dkk1 prevents fragility fractures and increases bone strength in an osteogenesis imperfecta mouse model |
| II | June 2nd | 3rd floor | 97 | 73-6373-5398 | Wang | Wenzhi | Infection Microenvironment-Responsive Nanoparticles for the Treatment of Orthopedic Implant-Related Infections |
| I | June 1st | 3rd floor | 98 | 73-5570-2108 | Chen | Hao | Lumbar Instability Remodels Cartilage Endplate to Induce Intervertebral Disc Degeneration by Recruiting Osteoclasts via Hippo-CCL3 Signaling |
| II | June 2nd | 3rd floor | 98 | 73-5571-2468 | Wang | Dong | A NATURAL HYDROGEL IMPROVES INTERVERTRBRAL DISC DEGENERATION BY CORRECTING FATTY ACID METABOLISM AND INHIBITING CELL PYROSIS |
| I | June 1st | 3rd floor | 99 | 73-5584-45616 | Wang | Zhe | Stem cell membrane-coated nanoparticles for intervertebral disc degeneration therapy |
| II | June 2nd | 3rd floor | 99 | 73-5788-173314 | Nie | Maodan | Innovative Hydrogel-Patch Combination for Large Annulus Fibrosus Defects: Promising Solutions to Mitigate Recurrence of Herniation |
| I | June 1st | 3rd floor | 100 | 73-5804-39109 | Qin | Bing | The effect of microgravity on changes of biochemical and mechanical signals in human lumbar intervertebral discs |
| II | June 2nd | 3rd floor | 100 | 73-5833-2443 | Wang | Huan | SAFEGUARDING INTERVERTEBRAL DISCS FROM DEGENERATION AFTER DISCECTOMY WITH SYNTHETIC MUCIN HYDROGEL INJECTION |
| I | June 1st | 3rd floor | 101 | 73-5836-55536 | shen | Shuchao shen | The Therapeutic Potential of Notopterol: A Novel Approach for Treating Intervertebral Disc Degeneration |
| II | June 2nd | 3rd floor | 101 | 73-5840-28449 | Ding | Hong | Construction of MOFs Nanoplatform with pH-triggered Release of Protocatechuic Acid for Intervertebral Disc Degeneration Therapy |
| I | June 1st | 5th floor | 102 | 73-5893-11135 | Hu | Yutong | Clinical efficacy of Unilateral Biportal Endoscopy and Uniportal Endoscopy for lumbar spinal stenosis |
| II | June 2nd | 5th floor | 102 | 73-5894-35355 | Hu | Yutong | Comparative study of decompression of unilateral biportal endoscopic compared to laminectomy with fusion and internal fixation in the treatment of severe lumbar spinal stenosis |
| I | June 1st | 5th floor | 103 | 73-5906-37156 | zhang | jiajun | CLINICAL EFFICACY STUDY OF QUADRANT AND DELTA LARGE CHANNEL TECHNIQUE IN THE TREATMENT OF LUMBAR DEGENERATIVE DISEASES |
| II | June 2nd | 5th floor | 103 | 73-5915-401315 | Zhang | Weifeng | Disassembly of the TRAM1-TREX1 complex detethers TREX1 in ER and triggers cGAS-STING axis activation during NP cell senescence |
| I | June 1st | 5th floor | 104 | 73-5917-20542 | Wang | Shaoyi | Clinical value of cerebrospinal fluid space based on T2-weighted axial MRI in the evaluation of cervical canal stenosis |
| II | June 2nd | 5th floor | 104 | 73-5944-3332 | liu | kaiwen | Fexofenadine Protects Against Intervertebral Disc Degeneration Through TNF Signaling |
| I | June 1st | 5th floor | 105 | 73-5947-53222 | Zhang | Xin | COMPARISON OF DYNAMIC FIXATION USING DYNESYS AND HYBRID SYSTEM FOR MULTI-SEGMENTAL LUMBAR DEGENERATIVE DISEASE |
| II | June 2nd | 5th floor | 105 | 73-5952-56383 | Qiu | Cheng | TNFα-reliant FSP1 upregulation promotes intervertebral disc degeneration via Caspase 3 dependent apoptosis |
| I | June 1st | 5th floor | 106 | 73-5976-4574 | Xie | Yongheng | HRPs MEDIATE M5C METHYLATION MODIFICATION OF USP18 TO PROMOTE ANGIOGENESIS AFTER SPINAL CORD DECOMPRESSION |
| II | June 2nd | 5th floor | 106 | 73-6011-5673 | Zheng | Junyong | A CORRELATION RESEARCH OF VBQ SCORE AND PARAVERTEBRAL MUSCLE CHANGES WITH OCCURRENCE OF ASD AFTER TLIF |
| I | June 1st | 5th floor | 107 | 73-6016-16398 | Chen | Qizhu | MITOCHONDRIAL-TARGETED METAL-PHENOLIC NANOPARTICLES TO ATTENUATE INTERVERTEBRAL DISC DEGENERATION |
| II | June 2nd | 5th floor | 107 | 73-6029-581715 | Xiao | Xiao | Efficacy of Dynesys hybrid surgery in the multi-segmental lumbar degenerative diseases |
| I | June 1st | 5th floor | 108 | 73-6040-0182 | Chang | Shengjie | Cerium oxide nano-enzyme drug delays the degeneration of intervertebral disc |
| II | June 2nd | 5th floor | 108 | 73-6049-59353 | Cheng | Lei | Hydrogel-Mediated promotion of M2 polarization and chondrogenesis for the alleviation of intervertebral disc degeneration |
| I | June 1st | 5th floor | 109 | 73-6055-40124 | Jia | Chunwang | SELENIUM-SELK-GPX4 AXIS PROTECTS NUCLEUS PULPOSUS CELLS AGAINST MECHANICAL OVERLOADING-INDUCED FERROPTOSIS |
| II | June 2nd | 5th floor | 109 | 73-6060-22595 | Jiang | Jialin | GPNMB+ Macrophages Accelerate Disc Degeneration by Facilitating Osteogenic Differentiation of Nucleus Pulposus Cells via the PDGF Pathway |
| I | June 1st | 5th floor | 110 | 73-6065-7576 | lv | Jinmin | Changes of immune microenvironment of nucleus pulposus caused by annulus fibrosus rupture in intervertebral disc degeneration |
| II | June 2nd | 5th floor | 110 | 73-6104-16113 | wu | xiexing | M1 Macrophage-Derived Exosomes Promote Intervertebral Disc Degeneration by Enhancing Nucleus Pulposus Cell Senescence through LCN2/NF-κB Signaling |
| I | June 1st | 5th floor | 111 | 73-6113-132814 | Li | Jing | A comparative study of the effect of facet tropism after artificial cervical disc replacement with Prestige LP, Prodisc-C vivo, and Mobi-C |
| II | June 2nd | 5th floor | 111 | 73-6119-302514 | Yi | Yu-Yang | Metabolic damage fate of nucleus pulposus cells through selective distribution of mitochondria |
| I | June 1st | 5th floor | 112 | 73-6128-335015 | Guo | Guangxin | Manual Therapy for Lumbar Disc Herniation: a System Review and Meta-Analysis of the Effectiveness and Superiority over Conservative Treatments |
| II | June 2nd | 5th floor | 112 | 73-6133-46430 | Lu | Hongbin | MCT1-Mediated Endothelial Cell Lactate Shuttle as a Target for Promoting Axon Regeneration after Spinal Cord Injury |
| I | June 1st | 5th floor | 113 | 73-6134-57320 | Lu | Hongbin | OPN promotes pathological vascular remodelling after spinal cord injury via phosphorylation Foxo1 |
| II | June 2nd | 5th floor | 113 | 73-6170-1728 | Yang | Qiang | Mechanically Matched Injectable Photocrosslinkable Hydrogel loaded with Exosomes Repair Annulus Fibrosus-Nucleus Pulposus Complex Defect |
| I | June 1st | 5th floor | 114 | 73-6175-1259 | Zhang | Xuyang | Site-1 protease regulates intervertebral disc aging by mediating endoplasmic reticulum-mitochondrial calcium ion homeostasis |
| II | June 2nd | 5th floor | 114 | 73-6190-255712 | Cui | Qingyu | Effect Analysis of Lateral Lumbar Interbody Fusion in The Treatment of single-segment Lumbar Degenerative Disease Combined Osteoporosis |
| I | June 1st | 5th floor | 115 | 73-6194-461712 | Shi | Bo | INHIBITION OF FIBROBLAST ACTIVATION PROTEIN AMELIORATES INTERVERTEBRAL DISC DEGENERATION IN VIVO |
| II | June 2nd | 5th floor | 115 | 73-6195-531412 | xu | haowei | α-ketoglutaric acid ameliorates intervertebral disc degeneration by blocking the IL-6/JAK2/STAT3 pathway |
| I | June 1st | 5th floor | 116 | 73-6206-293914 | Li | Jing | Comparison of Titanium Mesh Cage, Nano-Hydroxyapatite/Polyamide Cage, and 3D-Printed Vertebral Body for Anterior Cervical Corpectomy and Fusion |
| II | June 2nd | 5th floor | 116 | 73-6232-21201 | Xu | Haibin | A novel rat model of anulus fibrosus injury for intervertebral disc degeneration |
| I | June 1st | 5th floor | 117 | 73-6273-7193 | Xue | Qi | NRF2 ACTIVATUION BY PYRROLOQUINOLION QUINONE INHIBITS AGINGASSOCIATED INTERVERTEBRAL DISC DEGENERATION |
| II | June 2nd | 5th floor | 117 | 73-6284-581711 | Wei | Zhenyuan | A SELF-HEALING HYDROGEL PROMOTES ANNULUS FIBROSUS REPAIR VIA AUTOLOGOUS CELL RECRUITMENT AND MICROENVIRONMENT REGULATION |
| I | June 1st | 5th floor | 118 | 73-6335-37488 | Zheng | Canbin | Organoid models of spinal cord injury: from pathology to potential therapies |
| II | June 2nd | 5th floor | 118 | 73-6357-15312 | cheng | feng | Partial reprogramming strategy for intervertebral disc rejuvenation by activating energy switch |
| I | June 1st | 5th floor | 119 | 73-6382-17811 | jin | yuxin | HYPOXIA-PRECONDITIONED BMSC-DERIVED EXOSOMES INDUCE MITOPHAGY VIA THE BNIP3-ANAX2 AXIS TO ALLEVIATE DISC DEGENERATION |
| II | June 2nd | 5th floor | 119 | 73-6408-21617 | Cheng | Wenxiang | Study on the efficacy and mechanism of Yaobitong Capsule in relieving intervertebral disc degeneration |

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| I | June 1st | 5th floor | 120 | 73-6422-122511 | wu | ouqiang | METTL3-mediated m6A modification of ATG4a promotes intervertebral disc degeneration. |
| II | June 2nd | 5th floor | 120 | 73-5552-40221 | Jia | Siming | Insufficient mechanical loading downregulates Piezo1 in chondrocytes and impairs endochondral ossification process of fracture healing by ApoE mediates senescence |
| I | June 1st | 5th floor | 121 | 73-5553-2292 | Yang | Xiaoli | Exploration of biomarkers linked to osteoarthritis diagnosis are associated with dysregulation of the immune microenvironment |
| II | June 2nd | 5th floor | 121 | 73-5555-4258 | Zhang | Mingzhu | In situ remodeling of efferocytosis via lesion-localized microspheres to reverse cartilage senescence |
| I | June 1st | 5th floor | 122 | 73-5597-43124 | Qin | wenpin | Effect of extracellular ribonucleic acids on neurovascularization in osteoarthritis |
| II | June 2nd | 5th floor | 122 | 73-5610-52342 | FU | Weili | Single-cell analysis reveals cell heterogeneity and microenvironment alterations in human meniscal degeneration |
| I | June 1st | 5th floor | 123 | 73-5611-12253 | Yao | Wei | Acceleration of Brain and Knee Joint Degeneration Following ACL Injury in a Mouse Model of Alzheimer's Disease |
| II | June 2nd | 5th floor | 123 | 73-5625-335710 | he | Guanghui | RALA regulates of osteoclast-induced angiogenesis in subchondral bone of osteoarthritis |
| I | June 1st | 5th floor | 124 | 73-5635-711 | Lin | Rui | Sargassum polysaccharide attenuates osteoarthritis in rats is associated with up-regulation of the ITGβ1-PI3K-AKT signal axis |
| II | June 2nd | 5th floor | 124 | 73-5649-223312 | Xie | Zhongyu | PIM1 EXACERBATES INFLAMMATORY ARTHRITIS BY MEDIATING TH17 DIFFERENTIATION |
| I | June 1st | 5th floor | 125 | 73-5762-11465 | Che | Jingmin | COPPER-RELATED GENE PREDICTORS OF RISK AND IMMUNE ASSOCIATION ANALYSIS IN OSTEOARTHRITIS |
| II | June 2nd | 5th floor | 125 | 73-5784-2039 | Yang | Junzheng | Arctiin suppresses ferroptosis and apoptosis of chondrocyte induced by accumulated iron via AKT/NRF2/HO-1 signaling pathway |
| I | June 1st | 5th floor | 126 | 73-5797-421115 | Ye | Tao | Lysosomal destabilization: a missing link between pathological calcification and osteoarthritis |
| II | June 2nd | 5th floor | 126 | 73-5801-7588 | Zhu | Heng | Decoding the immunomodulatory capacity of skeletal stem cells and revealing their contribution to osteoarthritic therapy |
| I | June 1st | 5th floor | 127 | 73-5822-18268 | Hu | Yaqian | The role and mechanism of iPSCs-derived chondrocyte extracellular vesicles in cartilage repair |
| II | June 2nd | 5th floor | 127 | 73-5823-573013 | Liu | Gaoming | The Potential of 3D MRI as an Alternative to 3D CT in Assessing Glenohumeral Instability: A Systematic Review |
| I | June 1st | 5th floor | 128 | 73-5831-46517 | JUN | LIU | Microbe-gut-cartilage axis-on-a-chip to reveal the effect of gut microbes on osteoarthritis |
| II | June 2nd | 5th floor | 128 | 73-5849-38123 | Du | Hao | Inhibition of KDM6B prevents osteoarthritis by blocking growth plate like H3K27me3 loss in bivalent genes |
| I | June 1st | 5th floor | 129 | 73-5873-143412 | Li | Binglong | Comparative Analysis of PSI-Assisted and Conventional Unicompartmental Knee Arthroplasty: A Cadaveric Study |
| II | June 2nd | 5th floor | 129 | 73-5888-54551 | Li | Jiming | "DANGGUI BUXUE" DEOCTION PROTECTS CARTILAGE AND SUBCHONDRAL BONE IN "QIXUE KUIXU" OSTEOARTHRITIS |
| I | June 1st | 5th floor | 130 | 73-5909-54188 | Feng | Shiyang | Akt2 Inhibition Alleviates Temporomandibular Joint Osteoarthritis through Maintaining Subchondral Bone Homeostasis |
| II | June 2nd | 5th floor | 130 | 73-5911-523112 | Kong | Keyu | HIV PROTEASE INHIBITOR LOPINAVIR ACCELERATES OSTEOARTHRITIS PROGRESSION THROUGH THE DOWNREGULATION OF ZMPSTE24 |
| I | June 1st | 5th floor | 131 | 73-5939-562014 | Ma | Yiyang | Dissecting Semaglutide-dependent transcriptome response in osteoarthritis across tissues at single-cell resolution |
| II | June 2nd | 5th floor | 131 | 73-5940-415715 | Li | Jiawei | Physiological loading simulating development promotes chondrogenesis and formation of cartilage tissue |
| I | June 1st | 5th floor | 132 | 73-5995-494513 | Hu | Yuxiang | Denosumab attenuates osteoarthritis progression through inhibition of RANK/TRAF6/RANKL-mediated NF-κB signaling |
| II | June 2nd | 5th floor | 132 | 73-6004-11211 | Feng | Meng | HIGH TIBIAL OSTEOTOMY (HTO) CONTRIBUTED TO ENDOGENOUS CARTILAGE REPAIR BY DOWNREGULATING MECHANOSENSITIVE PIEZO1/YAP/TAZ/CCN1 SIGNALING IN SENESCENT OA-MSCS |
| I | June 1st | 5th floor | 133 | 73-6026-353614 | Zeng | Ling-Feng | Efficacy and Safety of Curcumin Therapy for Knee Osteoarthritis: A Bayesian Network Meta-analysis |
| II | June 2nd | 5th floor | 133 | 73-6063-4425 | Zhang | Pengfei | GDF11 Protects Against Mitochondrial-Dysfunction-Dependent NLRP3 Inflammasome Activation to Attenuate Osteoarthritis |
| I | June 1st | 5th floor | 134 | 73-6077-3477 | HANG | MING HUI | Early detection of knee osteoarthritis by MRI and deep learning assessment of gait analysis: a multimodal approach |
| II | June 2nd | 5th floor | 134 | 73-6097-305211 | Xu | Yifei | Manual Therapy Reduces Muscle Inflammation in Rats with Knee Osteoarthritis by Regulating PD-1/PD-L1 Pathway |
| I | June 1st | 5th floor | 135 | 73-6122-433614 | zhang | zhendong | Activation of AMPK-SIRT3 signaling attenuates osteoarthritis by suppressing ferroptosis |
| II | June 2nd | 5th floor | 135 | 73-6123-463614 | Zhang | Xiurui | Ligand-independent Function of Estrogen Receptor-a in Suppressing DNA Damage-induced Chondrocyte Senescence |
| I | June 1st | 5th floor | 136 | 73-6148-5303 | Yan | Wenjin | Protecting cartilage from harmful mechanical stress, A novel role of cell-surface receptor LRP1 in extracellular matrix- nuclei communication |
| II | June 2nd | 5th floor | 136 | 73-6156-29284 | Ding | Wei | Heterozygous NOTCH2 deficiency causes DDH by activating MAPK pathway |
| I | June 1st | 5th floor | 137 | 73-6183-3859 | Pan | Wei | HYPERTROPHY-LIKE CHONDROCYTES AS A MODULATOR OF MESENCHYMAL STEM CELL FATE AND GATEKEEPER IN HOMEOSTASIS OF OSTEOCHONDRAL INTERFACE |
| II | June 2nd | 5th floor | 137 | 73-6189-92712 | Sun | Hao | X+ SYNOVIAL FIBROBLAST DRIVES MENISCUS DAMAGE IN RHEUMATOID ARTHRITIS |
| I | June 1st | 5th floor | 138 | 73-6208-342314 | Zeng | Ling-Feng | Study on Cross-cultural Adaptation and Application of Chinese Version Evaluation and Analysis System for Total Knee Arthroplasty |
| II | June 2nd | 5th floor | 138 | 73-6231-031 | Cao | Ruomu | Macrophages phagocytosed damaged mitochindria of chondrocytes thus changing the metabolic state of macrophages |
| I | June 1st | 5th floor | 139 | 73-6252-14157 | Li | Hongyan | Fatty acid binding protein 4 (FABP4) induces osteoarthritis via activation of the NF-κb signaling pathway in vivo |
| II | June 2nd | 5th floor | 139 | 73-6258-13010 | Xin | Yishan | Fatty Acid binding protein 4 (FABP4) directly induces chondrocyte degeneration via activation of NF-κB: An in vitro study |
| I | June 1st | 5th floor | 140 | 73-6283-28527 | Wang | Huanbo | Sulfation of 25-hydroxycholesterol is responsible for maintaining articular cartilage homeostasis through modulating de novo lipogenesis |
| II | June 2nd | 5th floor | 140 | 73-6347-03816 | Cheng | Wenxiang | BONE-PROTECTIVE EFFECTS OF NEUTRALIZING CANGPTL4 MONOCLONAL ANTIBODY IN RHEUMATOID ARTHRITIS |
| I | June 1st | 5th floor | 141 | 73-6369-45297 | Ma | Ruixiang | Clinical Observation of Total Hip Arthroplasty Combined with Preoperative Routine Antiviral Drugs in Osteonecrosis of Femoral Head Secondary to AIDS |
| II | June 2nd | 5th floor | 141 | 73-6370-4108 | Yao | Hao | LOW-LEVEL LASER THERAPY ALLEVIATES MENISCUS DEGENERATION THROUGH REGULATING ENERGY METABOLISM |
| I | June 1st | 5th floor | 142 | 73-6371-29138 | Wen | Zhenkang | INHIBITION OF PIEZO1 OPTIMIZES THE NICHE FOR HYALINE CARTILAGE REGENERATION |
| II | June 2nd | 5th floor | 142 | 73-6375-1469 | Wang | Gang | Cycloastragenol prevents osteoclast bone resorption in glucocorticoid-induced osteonecrosis of the femoral head via regulating NOX1 mediated oxidative stress |
| I | June 1st | 5th floor | 143 | 73-6378-38489 | Wang | Xinluan | A phytomolecule, epimedin c, alliviates pain and inhibits osteoarthritis progression in medial meniscus transection rats |
| II | June 2nd | 5th floor | 143 | 73-6383-451812 | Liu | Liangliang | Deapi-platycodin D3 attenuates osteoarthritis development via suppression of PTP1B |

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| I | June 1st | 5th floor | 144 | 73-6386-222713 | Tang | Xiongfeng | Development and Validation of an Automated Multi-tissue Segmentation and 3D Visualization System for Knee Joint MRI Based on Deep Learning |
| II | June 2nd | 5th floor | 144 | 73-6388-315613 | Yin | Jianbin | EIF5A downregulated by mechanical overloading promotes chondrocyte senescence and osteoarthritis development via Notch signaling |
| I | June 1st | 5th floor | 145 | 73-6389-33913 | Zhang | Haiyan | EHHADH delays articular cartilage degeneration by promoting fatty acid β-oxidation in chondrocytes |
| II | June 2nd | 5th floor | 145 | 73-6391-443113 | Zhang | hongbo | PDZK1 protects against mechanical overload-induced chondrocyte senescence and osteoarthritis by targeting mitochondrial function |
| I | June 1st | 5th floor | 146 | 73-6403-271415 | Tong | Wenxue | Optogenetic controlled tissue-targeting AAV combination for osteoarthritis gene therapy and prevention |
| II | June 2nd | 5th floor | 146 | 73-6420-532910 | Wan | Chao | COLLAGEN TYPE II DEGRADATION IS MEDIATED BY LYSOSOMAL CATHEPSIN D DURING PATHOGENESIS OF OA |
| I | June 1st | 5th floor | 147 | 73-6421-594010 | Chen | Hongzhen | GUT MICROBIAL METABOLITE TARGETS HDAC3-FOXK1-INTERFERON AXIS IN FIBROBLAST-LIKE SYNOVIOCYTES TO AMELIORATE RHEUMATOID ARTHRITIS |
| II | June 2nd | 5th floor | 147 | 73-6423-125111 | Yao | Juncheng | High-intensity running exercise promotes knee meniscal damage via the PI3K/AKT/mTOR axis. |
| I | June 1st | 5th floor | 148 | 73-6424-165312 | Fu | Xuekun | CRISPRa engineered Elite macrophages enable adoptive cell therapy for osteoarthritis |
| II | June 2nd | 5th floor | 148 | 73-5615-28393 | Chen | Zhihao | MACF1 DEFICIENCY IN OSTEOCYTE INDUCES CELLULAR SENESCENCE DURING WEIGHTLESS BONE LOSS BY SHORTENING TELOMERE |
| I | June 1st | 5th floor | 149 | 73-5631-14303 | Gao | Yan | EFFECT OF CYCLIC TENSION STRESS ON THE BONE FORMATION AND RESORPTION USING TIME-LAPSED IMAGING |
| II | June 2nd | 5th floor | 149 | 73-5640-17179 | Xiong | Xu | A prediction nomogram for fractured vertebra re-collapse after posterior reduction and pedicle screw fixation in thoracolumbar fractures |
| I | June 1st | 5th floor | 150 | 73-5647-83112 | Xie | Zhongyu | SDC1+ PDGFRA+ TENDON SHEATH CELLS DRIVE MECHANICAL STRESS-MEDIATED ENTHESITIS IN ANKYLOSING SPONDYLITIS |
| II | June 2nd | 5th floor | 150 | 73-5648-175112 | Xie | Zhongyu | MSCs mediated pathological osteogenesis and inflammation coupling in ankylosing spondylitis |
| I | June 1st | 5th floor | 151 | 73-5650-264212 | Xie | Zhongyu | KAT2A succinylation impeded Treg cells differentiation through foxp3 degradation in ankylosing spondylitis |
| II | June 2nd | 5th floor | 151 | 73-5773-53494 | Ke-Ming | Chen | Protection of primary cilia is an effective method to prevent microgravity-induced bone loss |
| I | June 1st | 5th floor | 152 | 73-5835-43443 | Zhang | Ning-Ze | Failure analysis and design improvement based on retrieved plates from revision surgery |
| II | June 2nd | 5th floor | 152 | 73-5843-383215 | Li | Hanwen | Lumbar instability induced abnormal stress initiates vertebral endplate remodeling through activating Hippo signaling in mice |
| I | June 1st | 5th floor | 153 | 73-5858-11197 | Yu | Zhifeng | Mitochondrial damage-induced Phf8 activation exacerbates osteoarthritis through regulation of H3K27me3 demethylation |
| II | June 2nd | 5th floor | 153 | 73-5863-31112 | Niu | Xufeng | Fluid Shear Stress Impact on Biomimetic Mineralization of Collagen |
| I | June 1st | 5th floor | 154 | 73-5933-582112 | LIU | HONGZHI | MECHANICAL LOADING PROMOTES BONE REGENERATION BY REGULATING MACROPHAGES VIA PIEZO1 |
| II | June 2nd | 5th floor | 154 | 73-5970-403115 | DU | Wanting | THE INVOLVEMENT OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR IN OSTEOCYTE MECHANOSENSITIVITY |
| I | June 1st | 5th floor | 155 | 73-5985-163813 | Wang | Xiaogang | REGULATORY MECHANISMS OF OSTEOCLAST DIFFERENTIATION BY STIFFNESS AND IMPACT ON BONE REPAIR |
| II | June 2nd | 5th floor | 155 | 73-6020-22810 | Dou | Xiangya | Connexin 43 Mediates the Mechanical Response of Bone Marrow Mesenchymal Stem Cells |
| I | June 1st | 5th floor | 156 | 73-6028-322415 | Fu | Ruisen | DISUSE CONDITIONS AFFECT BONE MECHANORESPONSE BY ALTERING THE LACUNAR-CANALICULAR FLUID DYNAMICS MICROENVIRONMENT |
| II | June 2nd | 5th floor | 156 | 73-6066-33406 | WU | Tianchi | BIOMECHANICAL-BASED AUTOMATIC DESIGN AND OPTIMISATION OF SURGICAL TEMPLATES FOR PEDICLE SCREW PLACEMENT |
| I | June 1st | 5th floor | 157 | 73-6092-471610 | Zhang | Yiwen | Cx43 Regulates the Differentiation of Bone Marrow Mesenchymal Stem Cells Based on Matrix Stiffness |
| II | June 2nd | 5th floor | 157 | 73-6101-494612 | Cao | Shuting | Molecular dynamics simulation of TRPV2 ion channels of osteoclast precursors under membrane tension |
| I | June 1st | 5th floor | 158 | 73-6103-102613 | Zhao | Sen | Numerical Simulation of Fluid Shear Stress Distribution in Osteonecrotic Femoral Heads |
| II | June 2nd | 5th floor | 158 | 73-6145-56381 | QIN | LEI | Newly established human osteocyte-like cell line hOsteo4 suitable for in vitro mechanobiology studies |
| I | June 1st | 5th floor | 159 | 73-6147-59212 | Yang | Ailing | Regulation of adhesion morphology on fusion and fission of osteoclast precursors |
| II | June 2nd | 5th floor | 159 | 73-6159-40296 | Sun | Yulong | Regional Information of Cells and Extracellular Matrix Implicates the in vivo Loading Micro-environment |
| I | June 1st | 5th floor | 160 | 73-6162-9397 | Sun | Yulong | FINITE ELEMENT ANALYSIS OF SUTURED TENDON REPAIR |
| II | June 2nd | 5th floor | 160 | 73-6197-57112 | Gao | Yan | EFFECT OF CYCLIC TENSION STRESS ON THE BONE FORMATION AND RESORPTION USING TIME-LAPSED IMAGING |
| I | June 1st | 5th floor | 161 | 73-6211-394414 | Yang | Jiaming | The Role of Focal Adhesion Protein Kindlin-2 in Osteocytes during Distraction Osteogenesis |
| II | June 2nd | 5th floor | 161 | 73-6220-112215 | Zhu | Yingwen | Mechanically strained osteocytes-derived exosomes contained miR-3110-5p and miR-3058-3p and promoted osteoblastic differentiation |
| I | June 1st | 5th floor | 162 | 73-6221-252715 | Li | Yusheng | Study on response and application of cytomechanics in osteoarthritic inflammation based on silicon nanopillar array |
| II | June 2nd | 5th floor | 162 | 73-6224-415915 | Mei | Hongxiang | Sema3A secreted by sensory nerve induces bone formation under mechanical loads |
| I | June 1st | 5th floor | 163 | 73-6413-43256 | Sun | Yadi | Research progress in influence of microstructure on performance of triply periodic minimal surface bone scaffolds |
| II | June 2nd | 5th floor | 163 | | | | |
| I | June 1st | 5th floor | 164 | 73-6440-235715 | Chang | Fei | In Vivo Analysis of Ankle Joint Kinematics and Ligament Deformation in Chronic Ankle Instability Patients |
| II | June 2nd | 5th floor | 164 | 73-6442-381315 | Chang | Fei | The Biomechanical Influence of Defected Cartilage on the Progression of Osteochondral Lesions of the Talus: A Finite Element Analysis |
| I | June 1st | 5th floor | 165 | 73-5613-201510 | Xu | Yifei | Skeletal Muscle-immune System in Knee Osteoarthritis——a Cytokine-mediated Perspective |
| II | June 2nd | 5th floor | 165 | 73-5946-38312 | Zhang | Xin | Clinical Use of QCT in Evaluating the Effect of Less Paraspinal Muscles Damage on BMD Changes after Lumbar Interbody Fusion |
| I | June 1st | 5th floor | 166 | 73-6050-15224 | Zhang | Mingming | Delayed denervation-induced muscle atrophy in Opg knockout mice |
| II | June 2nd | 5th floor | 166 | 73-6116-245714 | Zhikai | Zheng | A single-cell RNA-seq survey of Semaglutide-induced effects across tissues |
| I | June 1st | 5th floor | 167 | 73-6120-31114 | Wu | Wenkai | Reference values for paravertebral muscle size and myosteatosis in Chinese adults, a nationwide multicenter study |
| II | June 2nd | 5th floor | 167 | 73-6141-32261 | Yang | Wenyao | ICARIIN PROMOTES MUSCLE REPAIR AFTER INJURY IN BARIUM CHLORIDE MICE MODEL |

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| I | June 1st | 5th floor | 168 | 73-6143-43201 | Lu | Hongbin | Sports Injuries and its Associated Factors among Physical Education Teacher Education Students in China |
| II | June 2nd | 5th floor | 168 | 73-6155-3144 | Wu | Wenkai | Extracorporeal shock wave promoted macrophage polarization and inhibited muscle fat infiltration |
| I | June 1st | 5th floor | 169 | 73-6178-18359 | Deng | Zhibo | The relationship between inflammatory bowel disease and sarcopenia-related traits: a bidirectional two-sample mendelian randomization study |
| II | June 2nd | 5th floor | 169 | 73-6324-84018 | Deng | Rui | THERAPEUTIC APPROACH TO TARGET CARDIOMYOPATHY IN MOUSE MODELS OF DUCHENNE MUSCULAR DYSTROPHY DISEASE |
| I | June 1st | 5th floor | 170 | 73-6336-42418 | Zheng | Canbin | In vitro modeling of skeletal muscle ischemia-reperfusion injury using three- dimensional organoids derived from human pluripotent stem cells |
| II | June 2nd | 5th floor | 170 | 73-6364-35124 | YANG | HAOHAN | Sarcopenia-related traits and Risk of Falls in older adults: A meta-analysis and Mendelian randomization study |
| I | June 1st | 5th floor | 171 | 73-6419-133410 | Wang | Xinluan | Xianlinggubao capsule prevents sarcopenia and osteoarthritis in senescence accelerated mice |
| II | June 2nd | 5th floor | 171 | 73-6435-39214 | Yi | Xiangjiao | Combining RNA seq and population-based studies reveals that Atrazine induces skeletal muscle atrophy by altering satellite cells fate and protein turnover |
| I | June 1st | 5th floor | 172 | 73-5554-503 | Li | Xinhua | Type II collagen-positive progenitors are important stem cells in controlling skeletal development and vascular formation |
| II | June 2nd | 5th floor | 172 | 73-5645-111110 | Ding | Peng | RIPK4 regulates bone and bone marrow homeostasis via MFN2 |
| I | June 1st | 5th floor | 173 | 73-5646-294910 | Ding | Peng | Osteocytes regulate senescence of bone and bone marrow |
| II | June 2nd | 5th floor | 173 | 73-5651-303512 | Xie | Zhongyu | TNF-A-INDUCED KAT2A IMPEDES BMMSC QUIESCENCE BY MEDIATING SUCCINYLATION OF THE MITOPHAGY-RELATED PROTEIN VCP |
| I | June 1st | 5th floor | 174 | 73-5756-41503 | Yang | Xinyu | Impaired central pattern generators due to abnormal EPHA4 signaling leads to idiopathic scoliosis |
| II | June 2nd | 5th floor | 174 | 73-5766-43237 | Huai | Ying | HuR-positive stress granules: potential targets for age-related osteoporosis |
| I | June 1st | 5th floor | 175 | 73-5792-161214 | Xue | Youdi | PREDICTION OF SUBSEQUENT VERTEBRAL FRACTURE USING MRI-BASED VBQAND CT-BASED HU |
| II | June 2nd | 5th floor | 175 | 73-5856-47452 | Jing | Junjun | TNN+ CELLS IN THE SUTURE SUPPORT HOMEOSTASIS AND INJURY REPAIR OF CRANIOFACIAL BONES |
| I | June 1st | 5th floor | 176 | 73-5857-6357 | Wang | Yao | Hypermethylation of Bmp2 and Fgfr2 promoter regions in bone marrow mesenchymal stem cells leads to bone loss in prematurely aged mice |
| II | June 2nd | 5th floor | 176 | 73-5866-572421 | Guo | Fengjin | UNVEILING THE CHONDROCYTE ANABOLISM ENHANCER: EXTRACELLULAR VESICLE TRANSPORTED CIRCTSPANS |
| I | June 1st | 5th floor | 177 | 73-5905-8253 | Chen | Hongbo | Trends and Patterns of Knee Osteoarthritis in China: A Longitudinal Study of 17.7 Million Adults from 2008 to 2017 |
| II | June 2nd | 5th floor | 177 | 73-5950-26143 | Wang | Lianlei | Variants in the SOX9 transactivation middle domain induce axial skeleton dysplasia and scoliosis |
| I | June 1st | 5th floor | 178 | 73-5951-53343 | Lyu | Maojiang | Curcumin delivery through a dual bio-engine microrobot for treating osteoarthritis. |
| II | June 2nd | 5th floor | 178 | 73-5957-1248 | Wang | Ling | Aging and obesity impact subcutaneous, visceral, liver, bone marrow, and muscle adiposity differently as measured with CT and MR imaging |
| I | June 1st | 5th floor | 179 | 73-5962-591311 | Pan | Sheng | Preoperative prevalence of and risk factors for calf muscular vein thrombosis in elderly patients with hip fracture |
| II | June 2nd | 5th floor | 179 | 73-5980-55475 | Du | Lin | A single-cell survey of aging-dependent cross-tissue function decline in the 5xFAD mouse model of Alzheimer's disease |
| I | June 1st | 5th floor | 180 | 73-5992-371313 | RUAN | Yechun | THE INVOLVEMENT OF MULTI-DRUG RESISTANCE PROTEIN 4 IN OSTEOBLASTIC DIFFERENTIATION |
| II | June 2nd | 5th floor | 180 | 73-6034-341416 | haolin | Yan | A bibliometric analysis of Neurofibromatosis Type 1 Musculoskeletal from 2003 to 2023 |
| I | June 1st | 5th floor | 181 | 73-6038-52501 | quanzhong | ren | Exercise inhibits fat infiltration and promotes muscle repair by regulating muscle immune microenvironment |
| II | June 2nd | 5th floor | 181 | 73-6054-4024 | Fu | Jia Yue | The Interaction of Piezo1 with Cx43 Hemichannels Regulates the Response of Senescent Osteocytes to Mechanical Stimulation |
| I | June 1st | 5th floor | 182 | 73-6081-1408 | Xu | Lining | Design of nanocarriers for macrophage targeting to promote skeletal muscle regeneration |
| II | June 2nd | 5th floor | 182 | 73-6090-55179 | Qin | Xin | Roles of Sp7 in osteoblasts for proliferation, differentiation, Col1a1 expression, and osteocyte process formation |
| I | June 1st | 5th floor | 183 | 73-6115-232014 | Shi | Bo | INHIBITION OF THE IL6R/JAK2 PATHWAY AS A POTENTIAL THERAPEUTIC STRATEGY TO ALLEVIATE INTERVERTEBRAL DISC DEGENERATION |
| II | June 2nd | 5th floor | 183 | 73-6138-16501 | Lu | Hongbin | Single-cell RNA sequencing reveals cellular and molecular heterogeneity in fibrocartilaginous enthesis formation |
| I | June 1st | 5th floor | 184 | 73-6161-1257 | Deng | Zhibo | CILP2 exacerbates sarcopenia by interfering with glucose metabolism in muscles |
| II | June 2nd | 5th floor | 184 | 73-6172-31398 | Deng | Zhibo | Hierarchically Injectable Hydrogel Sequentially Delivers AntagomiR-467a-3p and AntagomiR-874-5p-Loaded Bioengineered Extracellular Vesicles Attenuating Sarcopenia |
| I | June 1st | 5th floor | 185 | 73-6174-55548 | Deng | Zhibo | Inhibiting uptake of extracellular vesicles derived from senescent bone marrow mesenchymal stem cells by muscle satellite cells attenuates sarcopenia |
| II | June 2nd | 5th floor | 185 | 73-6185-352510 | Zhang | Shubao | CERIUM NANOPARTICLES ALLEVIATES GLUCOCOTICOIDS- INDUCEDED MUSCLE LOSS AND ATROPHY IN VITRO AND IN VIVO |
| I | June 1st | 5th floor | 186 | 73-6192-382312 | Sun | Hao | Silencing of NOTCH3 Signaling in Meniscus Smooth Muscle Cells Inhibits Fibrosis and Exacerbates Degeneration in a HEYL-Dependent Manner |
| II | June 2nd | 5th floor | 186 | 73-6205-28114 | Zhang | Yuanqiang | The Mechanism Studies of pathogenic MYH3 missense mutations in congenital scoliosis |
| I | June 1st | 5th floor | 187 | 73-6212-404314 | Zhang | Yuanqiang | Causative and disease-associated MYH3 splicing variants underlying the Mendelian or complex form of congenital vertebral malformation. |
| II | June 2nd | 5th floor | 187 | 73-6311-29519 | Li | Qiwen | Metabolic Rewiring Underlies the Pathogenesis of tRNA m7G-associated Primordial Dwarfism |
| I | June 1st | 5th floor | 188 | 73-6328-36363 | Hu | Jingyan | Timed administration of BGJ398 ameliorates dysplastic spondylolysis caused by SLC26A2 mutations |
| II | June 2nd | 5th floor | 188 | 73-6406-482516 | Wong | Chipiu | STUDY ON THE MECHANISM OF DECREASING BONE MASS OF LONE BONE INDUCED BY RORα KNOCKOUT IN MICE |
| I | June 1st | 5th floor | 189 | 73-5580-2414 | HANG | MING HUI | Electroacupuncture reduced subpatellar capsule effusion in patients with knee osteoarthritis evaluated by using ultrasound: a randomized controlled trial |
| II | June 2nd | 5th floor | 189 | 73-5606-43716 | Ren Zheng | Ren Zheng | Modified Porous Core Decompression For The Repair Of Early Avascular Necrosis Of The Femoral Head: 5-Year Follow-Up Of Hip Replacement Rate |
| I | June 1st | 5th floor | 190 | 73-5658-243915 | BAO | RONG | Stimulation of Sympathetic Nerve via Ultraflexible Cuff Electrodes Inhibits Inflammation Caused by Tendon Rupture |
| II | June 2nd | 5th floor | 190 | 73-5781-43112 | xiao | zhiman | Comparative analysis of the therapeutic effects of arthroscopic closed reduction and open reduction and internal fixation for internal ankle fractures |
| I | June 1st | 5th floor | 191 | 73-5811-14525 | Chen | Bohao | Combination of curcumin and catalase protects against chondrocyte injury and knee osteoarthritis progression by suppressing oxidative stress |
| II | June 2nd | 5th floor | 191 | 73-5812-40586 | Sun | Yulong | Neuropeptide FF regulates macrophage-mediated neuroendocrine cellular events |

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| I | June 1st | 5th floor | 192 | 73-5868-15403 | LU | Xuan | Cranial Bone Maneuver Ameliorates Alzheimer's Disease Pathology via Enhancing Meningeal Lymphatic Drainage Function |
| II | June 2nd | 5th floor | 192 | 73-6079-4857 | HANG | MING HUI | Electroacupunture treatment for regulating musculoskeletal balance of knee osteoarthritis:a randomized multicenter double-blind clinical trial |
| I | June 1st | 5th floor | 193 | 73-6126-131415 | Guo | Guangxin | Structural Changes in Thalamic Subregions and Neural Pathway Plasticity as Potential Biomarkers for Knee Osteoarthritis Pain |
| II | June 2nd | 5th floor | 193 | 73-6260-591512 | fang | haiping | Coumaric acid stimulates chondrogenesis and attenuates osteoarthritis in mouse |
| I | June 1st | 5th floor | 194 | 73-6353-17421 | wang | peng | Engineering Vascularized and Innervated Bone PiezoelectricTargeting Nanobiomaterials for Osteoporosis Therapy |
| II | June 2nd | 5th floor | 194 | 73-6259-571412 | Zhen | Chenxiao | THE STATIC MAGNETIC FIELD ALLEVIATED BONE LOSS IN HAMP-DEFICIENTMICE BY ALTERING METABOLISM OF FREE IR |
| I | June 1st | 5th floor | 195 | 73-6265-26391 | Shao | Zengwu | |
| II | June 2nd | 5th floor | 195 | 73-6266-3441 | Shao | Zengwu | |
| I | June 1st | 5th floor | 196 | 73-6267-36301 | Shao | Zengwu | |
| II | June 2nd | 5th floor | 196 | 73-6268-38541 | Shao | Zengwu | |
| I | June 1st | 5th floor | 197 | 73-6275-13214 | Meng | Xiangbo | Biphasic Bioactive Bioresorbable Scaffolds for Osteochondral Defect Repair in Osteoarthritis |
| II | June 2nd | 5th floor | 197 | 73-6281-21277 | Jia | Qiyu | ZWITTERIONIC POLYMER FUNCTIONALIZED POLYETHERETHERKETONE BIOINTERFACES ENHANCE OSSEOINTEGRATION AND ANTIBACTERIAL THROUGH IN SITU INDUCING BIOMINERALIZATION |
| I | June 1st | 5th floor | 198 | 73-6282-21597 | Wang | Xi | FILAMIN B, A NOVEL RNA-BINDING PROTEIN, EXTENSIVELY REGULATES OSTEOBLAST GROWTH AND DEVELOPMENT |
| II | June 2nd | 5th floor | 198 | 73-6288-225914 | Dai | Sheng | Open Broström-Gould Repair vs Arthroscopic Broström-Gould Repair of the Anterior Talofibular Ligament for Chronic Lateral Ankle Instability |
| I | June 1st | 5th floor | 199 | 73-6291-021 | Yang | Wenyao | ICARIIN PROMOTES MUSCLE REPAIR AFTER INJURY IN BARIUM CHLORIDE MICE MODEL |
| II | June 2nd | 5th floor | 199 | 73-6305-4927 | Pan | Haobo | Borosilicateglass(BSG) cement sequentially modulates immunity, angiogenesis, and osteogenesis to facilitate critical bone defect repair |
| I | June 1st | 5th floor | 200 | 73-6318-325611 | Zhang | Wenchao | Construction of in vivo bone reactor for the repair of critical bone defect in aging |
| II | June 2nd | 5th floor | 200 | 73-6320-363514 | Zong | Bo | EFFECT OF MAGNETO-ACOUSTIC PHYSICAL FIELD ON BIOLOGICAL OF BONE TISSUE IN OVARIECTOMIZED MICE |
| I | June 1st | 5th floor | 201 | 73-6322-563214 | Gan | donghao | Sirt1 activation activates Piezo1 to promote bone healing |
| II | June 2nd | 5th floor | 201 | 73-6331-34497 | Yao | zhenyu | Novel 3D-Printed Black Phosphorus Scaffolds for Bone Immunomodulation and Enhanced Bone Regeneration |
| I | June 1st | 5th floor | 202 | 73-6339-261212 | Shen | Shuying | The UFM1 System Alleviated Chondrocyte Senescence via the UFMylation ofCavin1 |
| II | June 2nd | 5th floor | 202 | 73-6342-491213 | Cheung | Wing-Hoi | The Role of Wnt10b in Sarcopenic Muscle And Myogenic Function of Myoblasts |
| I | June 1st | 5th floor | 203 | 73-6447-59275 | Xu | Yiyang | CircZKSCAN1 in Chondrocytes Decreases the Acquisition of Intercelluar Transferred Mitochondria from MSCs via Tunneling Nanotubes Formation |
| II | June 2nd | 5th floor | 203 | 73-6449-73311 | Huang | Mei | Mechanical Protein Polycystin-1 Regulates Osteoclastogenesis and Disused Osteoporosis |
| I | June 1st | 5th floor | 204 | 73-6450-194911 | Jiao | Yurui | Mechanosensitive protein Polycystin-1 Promotes Periosteal Stem/Progenitor Cells Osteochondral Differentiation in Fracture Healing |
| II | June 2nd | 5th floor | 204 | 73-6452-53115 | Xu | Yili | Polycystin-1 regulates mesenchymal stem/progenitor cells fate and matrix organization in heterotopic ossification |
| I | June 1st | 5th floor | 205 | 73-5585-21102 | Wang | Zheng | EARLY DIAGNOSIS AND PHOTODYNAMIC THERAPY OF HETEROTOPIC OSSIFICATION WITH A NIR FLUORESCENT PROBE |
| II | June 2nd | 5th floor | 205 | 73-5586-26132 | Wang | Zheng | ESTROGEN DEFICIENCY EXACERBATES TRAUMATIC HETEROTOPIC OSSIFICATION IN MICE |
| I | June 1st | 5th floor | 206 | 73-5587-29582 | Wang | Zheng | SUSTAINED NOTCH SIGNALING INHIBITION PREVENTS TRAUMATIC HETEROTOPIC OSSIFICATION |
| II | June 2nd | 5th floor | 206 | 73-5750-352711 | li | zhongyao | Assessing the Efficacy of Combined Acupuncture and Treadmill Running in Inducing Tendon Disease in Rats |
| I | June 1st | 5th floor | 207 | 73-5782-93612 | xiao | zhiman | Early efficacy analysis of the Lasso-loop Gould procedure under total arthroplasty for repairing the anterior talofibular ligament in the treatment of lateral ankle instability |
| II | June 2nd | 5th floor | 207 | 73-5916-57551 | Yan | Jianfei | Calcified apoptotic vesicles from PROCR+ fibroblasts initiate heterotopic ossification |
| I | June 1st | 5th floor | 208 | 73-5974-24442 | Chen | Jialin | REGENERATION OF MYOTENDINOUS JUNCTION BY ANTI-INFLAMMATORY AND ANTI-OXIDATIVE SCAFFOLD LOADED WITH RECOMBINANT KLOTHO PROTEIN |
| II | June 2nd | 5th floor | 208 | 73-6000-18715 | Feng | H | Tendon sheath stem/progenitor cells and tendon midsubstance progenitor cells make distinct contribution to tendon maintenance and healing |
| I | June 1st | 5th floor | 209 | 73-6014-50354 | Lu | Wei-cheng | Interorgan communication in neurogenic heterotopic ossification: the role of brain-derived extracellular vesicles |
| II | June 2nd | 5th floor | 209 | 73-6023-381713 | Luo | Jiahao | STUDY ON TENDINE-BONE HEALING OF ROTATOR CUFF WITH (ZIF-8)/Se COMPOSITE MICRO-NANO SCAFFOLD |
| I | June 1st | 5th floor | 210 | 73-6058-7185 | Zhang | Xueying | Primary Repair for Femoral-Side Anterior Cruciate Ligament Tears: A Preclinical Murine Model |
| II | June 2nd | 5th floor | 210 | 73-6106-441813 | Zhang | Tao | Characteristic of mineral distribution at bone-tendon junction of rabbit patella patellar tendon by confocal Raman microspectroscopy and SR-μCT |
| I | June 1st | 5th floor | 211 | 73-6121-324714 | Zhang | Tao | The effects of primary cilia-mediated mechanical stimulation on nestin+-BMSCs during bone-tendon healing |
| II | June 2nd | 5th floor | 211 | 73-6132-26140 | Han | Xiaoxiao | Macrophage-Derived Extracellular DNA Initiates Heterotopic Ossification |
| I | June 1st | 5th floor | 212 | 73-6135-5481 | Lu | Hongbin | A combined treatment of BMP2 and soluble VEGFR1 promotes tendon-bone healing by regulating injury-activated skeletal stem cell lineage |
| II | June 2nd | 5th floor | 212 | 73-6160-5946 | Sun | Yulong | The effect of suture knot location on the mechanical properties of flexor tendon repaired with modified Kessler technique |
| I | June 1st | 5th floor | 213 | 73-6198-595112 | Zhang | Yibo | Achilles tendinopathy treatment via circadian rhythm regulation |
| II | June 2nd | 5th floor | 213 | 73-6213-473714 | Wang | Shuo | Targeted Macrophage CRISPR-Cas13 mRNA Editing in Immunotherapy for Tendon Injury |
| I | June 1st | 5th floor | 214 | 73-6215-581114 | Ma | Mingjie | Rotator cuff fatty infiltration leads to subacromial bone deterioration of the greater tuberosity of the humerus |
| II | June 2nd | 5th floor | 214 | 73-6400-523314 | Lei | Lei | ESTABLISHMENT OF RAT MODEL OF HETEROTOPIC OSSIFICATION |
| I | June 1st | 5th floor | 215 | 73-6412-13406 | zhou | jing | Inhibition of PI3K/AKT signaling pathway prevents blood-induced heterotopic ossiffcation of the injured tendon |
| II | June 2nd | 5th floor | 215 | 73-6430-152914 | Chen | Xiao | CXCL1+ Macrophages Drive Pathological Specific TSPC-mediated Aberrant TGM2-Crosslinking of Collagen in Human Tendinopathy |

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| I | June 1st | 5th floor | 216 | 73-5558-105514 | wei | shuai | Acellular nerve xenografts based on supercritical extraction technology for repairing long-distance sciatic nerve defects in rats |
| II | June 2nd | 5th floor | 216 | 73-5564-35510 | wei | shuai | Biodegradable silk fibroin scaffold doped with mineralized collagen induces bone regeneration in rat cranial defects |
| I | June 1st | 5th floor | 217 | 73-5641-42159 | Liu | Jia-Ming | The effectiveness of artificial intelligence-based pedicle screw trajectory planning in patients with different levels of bone mineral density |
| II | June 2nd | 5th floor | 217 | 73-5592-50243 | Chen | Wenkai | Bone-targeting exosome nanoparticles activate Keap1 / Nrf2 / GPX4 signaling pathway to induce ferroptosis in osteosarcoma cells |
| I | June 1st | 5th floor | 218 | 73-5746-37228 | Hu | Wei | The “Inner-Outer” molecules-loaded fiber-hydrogel scaffolds coordinate specific immunity and neural differentiation for repairing spinal cord injury |
| II | June 2nd | 5th floor | 218 | 73-5751-175623 | Xiao | Yin | ENGINEERING FIBRIN CLOT STRUCTURE FOR IMPROVED BONE REGENERATION |
| I | June 1st | 5th floor | 219 | 73-5755-22453 | Chen | Quanchi | Hierarchical gelatin-derived hydrogel film with reactive oxygen species scavenging properties for spinal cord injury repair |
| II | June 2nd | 5th floor | 219 | 73-5760-8495 | Ma | Jinjin | GDNF-loaded Polydopamine Nanoparticles-based Anisotropic Scaffolds Promote Spinal Cord Repair by Modulating Inhibitory Microenvironment |
| I | June 1st | 5th floor | 220 | 73-5764-11386 | Wei | Yuxuan | Autologous Costal Chondral/Osteochondral Transplantation for Articular Cartilage Repair: Feasible and Effective |
| II | June 2nd | 5th floor | 220 | 73-5779-6239 | Xiao | Dongqin | Preparation of magnetic calcium phosphate as microcarriers for bottom-up bone tissue engineering |
| I | June 1st | 5th floor | 221 | 73-5809-52615 | Lin | Sien | ACTIVATING PERIOSTEAL STEM CELLS TO ACCELERATE BONE CONSOLIDATION AND MITIGATE NONUNION IN BONE TRANSPORT SURGERY |
| II | June 2nd | 5th floor | 221 | | Xinyan | Li | The role of Piezo1 in subchondral bone osteoblast mechanotransduction in OA |
| I | June 1st | 5th floor | 222 | 73-5817-583 | Cao | Huijuan | PDGF-BB protects cortical bone from steroid-associated osteonecrosis in rabbits |
| II | June 2nd | 5th floor | 222 | 73-5851-38336 | Wang | Zhaojie | The function and mechanism of layered double hydroxide nanomaterials in the cell fate regulation of mesenchymal stem cells and tissue regeneration research |
| I | June 1st | 5th floor | 223 | 73-5859-12217 | Bai | Shanshan | A novel cranial bone transport technique alleviates brain injury and enhances skull repair in TBI rats |
| II | June 2nd | 5th floor | 223 | 73-5874-35533 | Wang | Zhonghan | Bioactive prosthesis interface compositing variable-stiffness hydrogels regulates stem cells fates to facilitate osseointegration through mechanotransduction |
| I | June 1st | 5th floor | 224 | 73-5885-49590 | GE | Zigang | Elevated reactive oxygen species incurred by increased cell numbers hinder cartilage regeneration in adult mice. |
| II | June 2nd | 5th floor | 224 | 73-5889-47552 | Gong | Xiaoyuan | Construction of Osteochondral Tissue with Calcified Cartilage Layer through of CaV3.3 Regulated Endochondral Ossification |
| I | June 1st | 5th floor | 225 | 73-5901-21391 | Xu | Jiajia | Nr4a1 enhances Wnt4 transcription to promote osteogenic differentiation of mesenchymal stem cells and improves inflammation-inhibited bone regeneration |
| II | June 2nd | 5th floor | 225 | 73-5910-33239 | Yuan | Kai | Targeting bacteria-induced ferroptosis of bone marrow mesenchymal stem cells to promote the repair of infected bone defect |
| I | June 1st | 5th floor | 226 | 73-5923-47147 | Yu | Tianyu | Degradable calcium phosphate bone cement for repairing osteoporotic bone defects |
| II | June 2nd | 5th floor | 226 | 73-5978-41125 | Chen | qiang long | A multifunctional hydrogel with efficient antibacterial and osteoinductive activity for infectious bone defects |
| I | June 1st | 5th floor | 227 | 73-6006-7262 | Zhou | Hang | HYPERBARIC OXYGEN AND MECHANICAL LOADING SYNERGISTICALLY PROMOTE LONG BONE DEFECT REPAIR |
| II | June 2nd | 5th floor | 227 | 73-6007-11242 | Ren | Youliang | Modifying titanium screws with HHC36-loading and PMAA-gated nanotubes to achieve infection-responsive bacteria eradication and implant osseointegration in Staphylococcus aureus implant-related osteomyelitis |
| I | June 1st | 5th floor | 228 | 73-6024-384713 | Dai | Kai | In vivo osteo-organoid derived vascularized and resilient osteogenic membrane for load-bearing bone repair |
| II | June 2nd | 5th floor | 228 | 73-6033-273416 | Wu | Siying | Microgroove-Patterned Hydrogel Promotes Chondrogenesis of Human Synovial Stromal Cells by Induction of Mechanical Memory |
| I | June 1st | 5th floor | 229 | 73-6039-57171 | Dong | Li | Sustained endogenous ALP production promote mineralization of Cartilaginous Micro-pellets following the pattern of endochondral ossification |
| II | June 2nd | 5th floor | 229 | 73-6068-47556 | Ni | Yichao | Development of M2 Macrophage-Derived Extracellular Vesicles Overexpressing RANK for Osteoporosis Therapy |
| I | June 1st | 5th floor | 230 | 73-6080-5797 | Tian | Bo | Application Study of Butyrate-Producing Clostridium butyricum Overexpressing Tryptophan in Engineering Bacteria for Osteoporosis Treatment |
| II | June 2nd | 5th floor | 230 | 73-6100-491912 | Wu | Haoyu | IGF-1 modRNA/CAP co-modified stem cell-derived exosomes for cartilage repair |
| I | June 1st | 5th floor | 231 | 73-6102-533312 | Liu | Chengyuan | Spatiotemporal Physiological Regulation Using KGN/CM10/Ca2+ Biomimetic Scaffolds Promotes Endochondral Ossification-Mediated Bone Healing |
| II | June 2nd | 5th floor | 231 | 73-6105-435313 | He | Yi | Elimination of Senescent Osteocytes by Bone-Targeting Delivery of -Galactose-Modified Maytansinoid Prevents Age-Related Bone Loss |
| I | June 1st | 5th floor | 232 | 73-6152-52523 | Gao | Xiang | Salvianic Acid B Activated 3D-printed Polyelectrolyte-based Scaffolds for Efficient Repair of Osteoporotic Bone Defect |
| II | June 2nd | 5th floor | 232 | 73-6237-11493 | Deng | Zhibo | Research trends of mesenchymal stem cells application in orthopedics: A bibliometric analysis of the past 2 decades |
| I | June 1st | 5th floor | 233 | 73-6261-274316 | Fang | Qian | Highly Stretchable Piezoelectric Elastomer for Accelerated Repairing of Skeletal Muscles Loss |
| II | June 2nd | 5th floor | 233 | 73-6280-5267 | LI | Ye | Biodegradable intramedullary magnesium implant facilitates consolidation of distraction osteogenesis: a single-cell RNA-seq study |
| I | June 1st | 5th floor | 234 | 73-6296-5042 | cheng | pengzhen | PERIODIC STATIC COMPRESSION OF MICRO-STRAIN PATTERN REGULATES ENDOCHONDRAL BONE FORMATION |
| II | June 2nd | 5th floor | 234 | 73-6321-41914 | An | Yuanming | Products Degraded from Magnesium Implant Promote Bone Regeneration via Coordinating Sensory and Sympathetic Signals |
| I | June 1st | 5th floor | 235 | 73-6333-58407 | Chen | Ruijing | Exosome derived from 3D-cultured hADSCs exhibited enhanced osteogenesis capacity via intravenous injection |
| II | June 2nd | 5th floor | 235 | 73-6334-1498 | Liu | Yang | Cellular scale curvature in bioceramic scaffolds enhanced bone regeneration by regulating skeletal stem cells and vascularization |
| I | June 1st | 5th floor | 236 | 73-6356-12302 | Tan | Jie | A NOVEL ECM FUNCTIONALIZED 3D PRINTED ALG/HA COMPOSITE HYDROGEL FOR ACCELERATION OF DIABETIC BONE HEALING |
| II | June 2nd | 5th floor | 236 | 73-6398-441514 | Wang | Renxian | Black phosphorus nanoparticles promote bone regeneration through epigenetic effects |
| I | June 1st | 5th floor | 237 | 73-6407-555716 | Zhao | Xiaoying | A novel adhesive dual-sensitive hydrogel for sustained release of exosomes derived from M2 macrophages promotes repair of bone defects |
| II | June 2nd | 5th floor | 237 | 73-6417-18378 | Chen | Peng | Impact of Initial Cell Seeding Density on Osteogenic Potential of Deproteinized Bovine Bone Scaffolds in Bone Defect Repair |
| I | June 1st | 5th floor | 238 | 73-6436-422614 | Zhang | Wenjing | A MgO2-mediated multifunctional hydrogel and its application in the prevention of osteosarcoma recurrence and the repair of bone defect in post surgery |
| II | June 2nd | 5th floor | 238 | 73-6437-581014 | Chang | Fei | The Regulation of Chondrogenic Differentiation of Bone Marrow Mesenchymal Stem Cells by Different Hardness Hydrogels Combined with Pressure Stimulation |
| I | June 1st | 5th floor | 239 | | Liu | Yuejun | REGULATORY ROLE OF THE PARASUBTHALAMIC NUCLEUS IN BONEREGENERATION IN A MURINE DISTRACTION OSTEOGENESIS MODEL |
| II | June 2nd | 5th floor | 239 | | Cao | Fuyang | Decellularized Human Umbilical Cord Wharton Jelly Scaffold Improves Tendon Regeneration in a Rabbit Rotator Cuff Tendon Defect Model |

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| I | June 1st | 5th floor | 240 | | Yuan | Jie | CARM1 regulates cartilage degeneration and chondrocyte apoptosis in osteoarthritis by modulating ERK12 signaling pathway. |
| II | June 2nd | 5th floor | 240 | | Huang | Jingrui | Bibliometric and visualization analysis of the osteoarthritis biomarker knowledge graph from 2003 to 2023 |
| I | June 1st | 5th floor | 241 | | Yan | Lei | MiR-134-5p inhibits the malignant phenotypes of osteosarcoma via ITGB1MMP2PI3KAkt pathway |
| II | June 2nd | 5th floor | 241 | | Zhou | Raorao | Bibliometric Analysis of Apoptosis Research in Osteoarthritis from 2013 to 2022 |
| I | June 1st | 5th floor | 242 | | Ma | Yongsheng | High-speed Centrifugation Efficiently Removes Immunogenic Elements in Osteochondral Allografts |
| II | June 2nd | 5th floor | 242 | | Zeng | Lingyuan | Development of Air Pressure-Based Portable Plantar Load Monitoring System for Postoperative Weight Bearing Management in Femoral Neck Fracture.pdf |
| I | June 1st | 5th floor | 243 | | Che | Xianda | THE RELATIONSHIP BETWEEN TSP-1 CONCENTRATION AND EARLY INJURY OF KNEE JOINT CARTILAGE |
| II | June 2nd | 5th floor | 243 | | Ding | Xueting | The clinical effect of imageless navigation and conventional manual for patients within total hip arthroplasty：a Meta-analysis |
| I | June 1st | 5th floor | 244 | | He | Guanghui | RALA REGULATES OF OSTEOCLAST-INDUCED ANGIOGENESIS IN SUBCHONDRAL BONE OF OSTEOARTHRITIS |
| II | June 2nd | 5th floor | 244 | | Lu | Chengyang | Exploring the Molecular Mechanisms of Ihh in Growth Plate Development through RNA-seq and Bioinformatics Analysis |
| I | June 1st | 5th floor | 245 | | Wang | Shaowei | mPPTMP195 nanoparticles enhance fracture recovery through HDAC4 nuclear translocation inhibition |
| II | June 2nd | 5th floor | 245 | | Lu | Yibin | Identification of age-related genes in rotator cuff tendon |