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A murine model of volumetric muscle loss and a regenerative medicine approach for tissue replacement

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#	Paper	IF	Citations
123	A standardized rat model of volumetric muscle loss injury for the development of tissue engineering therapies. 2012 , 1, 280-90		78
122	Lessons from developmental biology for regenerative medicine. 2013 , 99, 149-59		6
121	Implantation of in vitro tissue engineered muscle repair constructs and bladder acellular matrices partially restore in vivo skeletal muscle function in a rat model of volumetric muscle loss injury. <i>Tissue Engineering - Part A</i> , 2014 , 20, 705-15	3.9	82
120	Muscle-derived decellularised extracellular matrix improves functional recovery in a rat latissimus dorsi muscle defect model. 2013 , 66, 1750-8		50
119	Engineered skeletal muscle tissue for soft robotics: fabrication strategies, current applications, and future challenges. 2014 , 6, 178-95		51
118	Tissue engineered scaffolds for an effective healing and regeneration: reviewing orthotopic studies. 2014 , 2014, 398069		22
117	Native extracellular matrix: a new scaffolding platform for repair of damaged muscle. 2014 , 5, 218		59
116	An acellular biologic scaffold promotes skeletal muscle formation in mice and humans with volumetric muscle loss. 2014 , 6, 234ra58		313
115	Natural Biomaterials for Regenerative Medicine Applications. 2014 , 101-112		8
114	Extracellular matrix as an inductive scaffold for functional tissue reconstruction. 2014 , 163, 268-85		287
113	Functional analysis of limb recovery following autograft treatment of volumetric muscle loss in the quadriceps femoris. 2014 , 47, 2013-21		52
112	Rapid release of growth factors regenerates force output in volumetric muscle loss injuries. <i>Biomaterials</i> , 2015 , 72, 49-60	15.6	44
111	Implanted scaffold-free prevascularized constructs promote tissue repair. 2015 , 74, 371-5		7
110	Short-Term Results of Treating Primary and Recurrent Anal Fistulas with a Novel Extracellular Matrix Derived from Porcine Urinary Bladder. 2015 , 81, 498-502		8
109	Biological Soft Robotics. 2015 , 17, 243-65		70
108	In vivo generation of a mature and functional artificial skeletal muscle. 2015 , 7, 411-22		63
107	An acellular biologic scaffold does not regenerate appreciable de novo muscle tissue in rat models of volumetric muscle loss injury. <i>Biomaterials</i> , 2015 , 67, 393-407	15.6	95

106	Biomimetic scaffolds for regeneration of volumetric muscle loss in skeletal muscle injuries. 2015 , 25, 2-15	125
105	Muscle-tendon interface. 2015 , 409-429	9
104	Host Response to Naturally Derived Biomaterials. 2015 , 53-79	7
103	Investigating muscle regeneration with a dermis/small intestinal submucosa scaffold in a rat full-thickness abdominal wall defect model. 2015 , 103, 355-64	33
102	An Autologous Muscle Tissue Expansion Approach for the Treatment of Volumetric Muscle Loss. 2015 , 4, 198-208	48
101	Strategies for skeletal muscle tissue engineering: seed vs. soil. 2015 , 3, 7881-7895	11
100	Skeletal Muscle Tissue Engineering. 2015 , 567-592	3
99	Naturally derived and synthetic scaffolds for skeletal muscle reconstruction. 2015 , 84, 208-21	151
98	In Situ Volumetric Muscle Repair. 2016 , 295-312	1
97	Guidelines for Models of Skeletal Muscle Injury and Therapeutic Assessment. 2016 , 202, 214-226	7
96	Developing a pro-regenerative biomaterial scaffold microenvironment requires T helper 2 cells. 2016 , 352, 366-70	327
95	Matrix scaffolding for stem cell guidance toward skeletal muscle tissue engineering. 2016 , 11, 86	44
94	Extracellular matrix bioscaffolds in tissue remodeling and morphogenesis. 2016 , 245, 351-60	125
93	Challenges to acellular biological scaffold mediated skeletal muscle tissue regeneration. <i>Biomaterials</i> , 2016 , 104, 238-46	15.6 55
92	Immunomodulation and Mobilization of Progenitor Cells by Extracellular Matrix Bioscaffolds for Volumetric Muscle Loss Treatment. <i>Tissue Engineering - Part A</i> , 2016 , 22, 1129-1139	3.9 54
91	Electrodiagnostic Evaluation of Individuals Implanted With Extracellular Matrix for the Treatment of Volumetric Muscle Injury: Case Series. 2016 , 96, 540-9	27
90	An acellular biologic scaffold treatment for volumetric muscle loss: results of a 13-patient cohort study. <i>Npj Regenerative Medicine</i> , 2016 , 1, 16008	15.8 109
89	A Porcine Urinary Bladder Matrix Does Not Recapitulate the Spatiotemporal Macrophage Response of Muscle Regeneration after Volumetric Muscle Loss Injury. 2016 , 202, 189-201	13

88	Novel Therapeutic Effects of Non-thermal atmospheric pressure plasma for Muscle Regeneration and Differentiation. 2016 , 6, 28829		20
87	Applications of In Vivo Functional Testing of the Rat Tibialis Anterior for Evaluating Tissue Engineered Skeletal Muscle Repair. 2016 ,		9
86	Extracellular Matrix as an Inductive Scaffold for Functional Tissue Reconstruction. 2016 , 11-29		5
85	Mechanisms by which acellular biologic scaffolds promote functional skeletal muscle restoration. <i>Biomaterials</i> , 2016 , 103, 128-136	15.6	49
84	Impaired primary mouse myotube formation on crosslinked type I collagen films is enhanced by laminin and entactin. 2016 , 30, 265-276		12
83	Clinical applications of decellularized extracellular matrices for tissue engineering and regenerative medicine. 2016 , 11, 022003		131
82	Perfusion-decellularized skeletal muscle as a three-dimensional scaffold with a vascular network template. <i>Biomaterials</i> , 2016 , 89, 114-26	15.6	86
81	Skeletal myogenic differentiation of human urine-derived cells as a potential source for skeletal muscle regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 334-341	4.4	17
80	Keratin Hydrogel Enhances In Vivo Skeletal Muscle Function in a Rat Model of Volumetric Muscle Loss. <i>Tissue Engineering - Part A</i> , 2017 , 23, 556-571	3.9	46
79	Gene expression profiling of skeletal muscle after volumetric muscle loss. 2017 , 25, 408-413		16
78	Towards rebuilding vaginal support utilizing an extracellular matrix bioscaffold. 2017 , 57, 324-333		12
77	Mouse Skeletal Muscle Decellularization. 2018 , 1577, 87-93		9
76	Bioengineered constructs combined with exercise enhance stem cell-mediated treatment of volumetric muscle loss. 2017 , 8, 15613		129
75	Biologic Scaffolds. 2017 , 7,		43
74	Extracellular matrix in epitheliochorial, endotheliochorial and haemochorial placentation and its potential application for regenerative medicine. 2017 , 52, 3-15		11
73	Bioinductive Scaffolds Powerhouses of Skeletal Muscle Tissue Engineering. 2017 , 5, 279-288		
72	The extracellular matrix of the gastrointestinal tract: a regenerative medicine platform. 2017 , 14, 540-552		44
71	Selective recruitment of non-classical monocytes promotes skeletal muscle repair. <i>Biomaterials</i> , 2017 , 117, 32-43	15.6	43

70	Application of bioresorbable polymers in muscular system. 2017 , 469-495		
69	Solubilized extracellular matrix bioscaffolds derived from diverse source tissues differentially influence macrophage phenotype. 2017 , 105, 138-147		115
68	Achieving Acetylcholine Receptor Clustering in Tissue-Engineered Skeletal Muscle Constructs through a Materials-Directed Agrin Delivery Approach. 2016 , 7, 508		8
67	Exploratory study on the effect of osteoactivin on muscle regeneration in a rat volumetric muscle loss model. 2017 , 12, e0175853		8
66	Engineering functional and histological regeneration of vascularized skeletal muscle. <i>Biomaterials</i> , 2018 , 164, 70-79	15.6	51
65	Extracellular matrix scaffolds for treatment of large volume muscle injuries: A review. 2018 , 47, 524-535		15
64	Stem Cells for Skeletal Muscle Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2018 , 24, 373-391	7.9	38
63	The Effect of Mechanical Loading Upon Extracellular Matrix Bioscaffold-Mediated Skeletal Muscle Remodeling. <i>Tissue Engineering - Part A</i> , 2018 , 24, 34-46	3.9	31
62	Extracellular Matrix Bioscaffolds for Building Gastrointestinal Tissue. 2018 , 5, 1-13		40
61	Rehabilitative exercise and spatially patterned nanofibrillar scaffolds enhance vascularization and innervation following volumetric muscle loss. <i>Npj Regenerative Medicine</i> , 2018 , 3, 16	15.8	32
60	Extracellular matrix-based materials for regenerative medicine. 2018 , 3, 159-173		335
59	Mesenchymal stem cells and extracellular matrix scaffold promote muscle regeneration by synergistically regulating macrophage polarization toward the M2 phenotype. 2018 , 9, 88		57
58	Cytokine networks in immune-mediated muscle regeneration. 2018 , 1, 32-44		3
57	Decellularized Tissue for Muscle Regeneration. 2018 , 19,		37
56	3D Bioprinted Human Skeletal Muscle Constructs for Muscle Function Restoration. 2018 , 8, 12307		106
55	Gene Therapy in Skeletal Muscle Repair and Regeneration. 2018 , 49-69		
54	The impact of sterilization upon extracellular matrix hydrogel structure and function. 2018 , 2, 11-20		9
53	Muscle fibrosis in the soft palate: Delivery of cells, growth factors and anti-fibrotics. 2019 , 146, 60-76		12

52	Fabrication Techniques for Vascular and Vascularized Tissue Engineering. 2019 , 8, e1900742		35
51	Analysis and Modeling of Rat Gait Biomechanical Deficits in Response to Volumetric Muscle Loss Injury. 2019 , 7, 146		8
50	Modified cell-electrospinning for 3D myogenesis of C2C12s in aligned fibrin microfiber bundles. 2019 , 516, 558-564		30
49	Tissue Beads: Tissue-Specific Extracellular Matrix Microbeads to Potentiate Reprogrammed Cell-Based Therapy. 2019 , 29, 1807803		26
48	Muscle-Derived Stem Cell-Enriched Scaffolds Are Capable of Enhanced Healing of a Murine Volumetric Muscle Loss Defect. 2019 , 143, 329e-339e		8
47	Generation of a Functioning and Self-Renewing Diaphragmatic Muscle Construct. 2019 , 8, 858-869		16
46	Pluripotent Stem Cells for Gene Therapy of Hereditary Muscle Disorders. 2019 , 81-97		
45	Biomaterial and stem cell-based strategies for skeletal muscle regeneration. 2019 , 37, 1246-1262		36
44	Biomimetic sponges for regeneration of skeletal muscle following trauma. 2019 , 107, 92-103		9
43	The Effect of Laminin-111 Hydrogels on Muscle Regeneration in a Murine Model of Injury. <i>Tissue Engineering - Part A</i> , 2019 , 25, 1001-1012	3.9	11
42	Determination of a Critical Size Threshold for Volumetric Muscle Loss in the Mouse Quadriceps. 2019 , 25, 59-70		22
41	Regenerative Repair of Volumetric Muscle Loss Injury is Sensitive to Age. <i>Tissue Engineering - Part A</i> , 2020 , 26, 3-14	3.9	10
40	Vascularized and Innervated Skeletal Muscle Tissue Engineering. 2020 , 9, e1900626		44
39	A porous collagen-GAG scaffold promotes muscle regeneration following volumetric muscle loss injury. 2020 , 28, 61-74		9
38	Bioprinting on sheet-based scaffolds applied to the creation of implantable tissue-engineered constructs with potentially diverse clinical applications: Tissue-Engineered Muscle Repair (TEMR) as a representative testbed. 2020 , 61, 216-228		5
37	Extracellular Matrix-Based Biomaterials and Their Influence Upon Cell Behavior. 2020 , 48, 2132-2153		44
36	Printing of Adhesive Hydrogel Scaffolds for the Treatment of Skeletal Muscle Injuries.. 2020 , 3, 1568-1579		50
35	Skeletal Muscle Tissue Engineering: Biomaterials-Based Strategies for the Treatment of Volumetric Muscle Loss. 2020 , 7,		19

34	Towards stem cell therapies for skeletal muscle repair. <i>Npj Regenerative Medicine</i> , 2020 , 5, 10	15.8	27
33	Interleukin 17 and senescent cells regulate the foreign body response to synthetic material implants in mice and humans. 2020 , 12,		42
32	Biomaterials direct functional B cell response in a material specific manner.		
31	Semisynthetic Hyaluronic Acid-Based Hydrogel Promotes Recovery of the Injured Tibialis Anterior Skeletal Muscle Form and Function. 2021 , 7, 1587-1599		6
30	Evaluation of licofelone as an adjunct anti-inflammatory therapy to biologic scaffolds in the treatment of volumetric muscle loss. 2021 , 385, 149-159		2
29	Promoting endogenous repair of skeletal muscle using regenerative biomaterials. 2021 , 109, 2720-2739		1
28	Engineering skeletal muscle: Building complexity to achieve functionality. 2021 , 119, 61-69		2
27	Ultrasonographic and Histological Correlation after Experimental Reconstruction of a Volumetric Muscle Loss Injury with Adipose Tissue. 2021 , 22,		1
26	Real-Time Functional Assay of Volumetric Muscle Loss Injured Mouse Masseter Muscles via Nanomembrane Electronics. 2021 , 8, e2101037		3
25	Computational reconstruction of the signalling networks surrounding implanted biomaterials from single-cell transcriptomics. 2021 , 5, 1228-1238		6
24	Promoting musculoskeletal system soft tissue regeneration by biomaterial-mediated modulation of macrophage polarization. 2021 , 6, 4096-4109		6
23	Intercellular signaling dynamics from a single cell atlas of the biomaterials response.		1
22	Effects of pulsed and continuous-wave laser radiation on the fabrication of tissue-engineered composite structures. <i>Optical Engineering</i> , 2020 , 59, 1	1.1	3
21	Asynchronous inflammation and myogenic cell migration limit muscle tissue regeneration mediated by a cellular scaffolds. <i>Inflammation and Cell Signaling</i> , 2014 , 1,		11
20	Developing Extracellular Matrix Technology to Treat Retinal or Optic Nerve Injury(1,2,3). <i>ENeuro</i> , 2015 , 2,	3.9	14
19	Neuromuscular Tissue Engineering. 2014 , 1-24		
18	Regenerative Rehabilitation: Synergizing Regenerative Medicine Therapies with Rehabilitation for Improved Muscle Regeneration in Muscle Pathologies. <i>Pancreatic Islet Biology</i> , 2016 , 205-224	0.4	
17	Muscle Stem Cell Niche Dysregulation in Volumetric Muscle Loss Injury.		1

16	Clinical translation of tissue-engineered constructs for severe leg injuries. <i>Annals of Translational Medicine</i> , 2015 , 3, 134	3.2	2
15	Biomaterials direct functional B cell response in a material-specific manner. <i>Science Advances</i> , 2021 , 7, eabj5830	14.3	3
14	Immunomodulatory matrix-bound nanovesicles mitigate acute and chronic pristane-induced rheumatoid arthritis.. <i>Npj Regenerative Medicine</i> , 2022 , 7, 13	15.8	1
13	Nandrolone supplementation does not improve functional recovery in an aged animal model of volumetric muscle loss injury.. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022 ,	4.4	0
12	Histology of skeletal muscle reconstructed by means of the implantation of autologous adipose tissue: an experimental study. <i>Histology and Histopathology</i> , 2020 , 35, 457-474	1.4	2
11	Injectable remote magnetic nanofiber/hydrogel multiscale scaffold for functional anisotropic skeletal muscle regeneration.. <i>Biomaterials</i> , 2022 , 285, 121537	15.6	3
10	Pathophysiology of Volumetric Muscle Loss and Targets for Regenerative Rehabilitation. <i>Physiology in Health and Disease</i> , 2022 , 177-225	0.2	
9	Tissue Engineering Neovagina for Vaginoplasty in MRKHS and GD patients  systematic review. <i>Tissue Engineering - Part B: Reviews</i> ,	7.9	0
8	Fibrous protein composite scaffolds (3D) for tissue regeneration: An in vitro study on skeletal muscle regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 217, 112656	6	
7	Transcriptomic, Proteomic, and Morphologic Characterization of Healing in Volumetric Muscle Loss..		0
6	3D Bioprinted Patient-Specific Extracellular Matrix Scaffolds for Soft Tissue Defects. 2200866		1
5	Label-free cleared tissue microscopy and machine learning for 3D histopathology of biomaterial implants.		0
4	Engineering thixotropic supramolecular gelatin-based hydrogel as an injectable scaffold for cell transplantation. 2023 , 18, 015012		0
3	Label-free cleared tissue microscopy and machine learning for 3D histopathology of biomaterial implants. 2023 , 111, 840-850		0
2	Regenerative medicine: current research and perspective in pediatric surgery. 2023 , 39,		0
1	Bioactive wound dressing based on decellularized tendon and GelMA with incorporation of PDA-loaded asiaticoside nanoparticles for scarless wound healing. 2023 , 466, 143016		0