

B3OA's scientific production

During the reference period is from 01/01/2017 to 31/12/2022, B3OA produced:

- [335 articles](#), including 39 reviews (*)
- [152 communications in national and international congress](#)
- [71 posters in in national and international congress](#)
- [52 proceedings and published abstracts](#)
- [9 book chapters](#)
- [1 encyclopedia or dictionary entries](#)
- [3 patents](#)
- [34 educational publications](#)
- [1 unpublished pre-publication](#)
- [11 PhD thesis](#)
- [25 MD, DDS thesis](#)
- [4 HDR](#)

Documents are sorted as pertaining to B3OA research or clinic fields. The name(s) of the member(s) of the B3OA are **bold**. The name(s) of B3OA PhD students are **bold and underlined**.

1- Publications

Articles

Research

Year	#	Publication
2017	1	A. Decambron , A. Fournet, M. Bensidhoum , M. Manassero , F. Saïlhan, H. Petite , D. Logeart-Avramoglou , V. Viateau , <i>Low-dose BMP-2 and MSC dual delivery onto coral scaffold for critical-size bone defect regeneration in sheep</i> , J Orthop Res. 35 (2017) 2637–2645. https://doi.org/10.1002/jor.23577 .
2017	2	A. Decambron , M. Manassero , M. Bensidhoum , B. Lecuelle, D. Logeart-Avramoglou , H. Petite , V. Viateau , <i>A comparative study of tissue-engineered constructs from Acropora and Porites coral in a large animal bone defect model</i> , Bone Joint Res. 6 (2017) 208–215. https://doi.org/10.1302/2046-3758.64.BJR-2016-0236.R1 .
2017	3	A. Levillain, H. Magoariéc, C. Boulocher, A. Decambron , V. Viateau , T. Hoc , <i>Effects of a viscosupplementation therapy on rabbit menisci in an anterior cruciate ligament transection model of osteoarthritis</i> , J Biomech. 58 (2017) 147–154. https://doi.org/10.1016/j.jbiomech.2017.04.034 .
2017	4	A. Levillain, H. Magoariéc, C. Boulocher, A. Decambron , V. Viateau , T. Hoc , <i>Viscoelastic properties of rabbit osteoarthritic menisci: A correlation with matrix alterations</i> , J Mech Behav Biomed Mater. 65 (2017) 1–10. https://doi.org/10.1016/j.jmbbm.2016.08.015 .
2017	5	A. Moya , N. Larochette , J. Paquet , M. Deschepper , M. Bensidhoum , V. Izzo, G. Kroemer, H. Petite , D. Logeart-Avramoglou , <i>Quiescence Preconditioned Human Multipotent Stromal Cells Adopt a Metabolic Profile Favorable for Enhanced Survival under Ischemia</i> , Stem Cells. 35 (2017) 181–196. https://doi.org/10.1002/stem.2493 .
2017	6	A. Mühlberg, O. Museyko, J.-D. Laredo , K. Engelke, <i>A reproducible semi-automatic method to quantify the muscle-lipid distribution in clinical 3D CT images of the thigh</i> , PLoS One. 12 (2017) e0175174. https://doi.org/10.1371/journal.pone.0175174 .
2017	7	A. Nabeshima, J. Pajarinen, T.-H. Lin, X. Jiang, E. Gibon , L.A. Córdova, F. Loi, L. Lu, E. Jämsen, K. Egashira, F. Yang, Z. Yao, S.B. Goodman, <i>Mutant CCL2 protein coating mitigates wear particle-induced bone loss in a murine continuous polyethylene infusion model</i> , Biomaterials. 117 (2017) 1–9. https://doi.org/10.1016/j.biomaterials.2016.11.039 .
2017	8	B.G.M. van Dijk, E. Potier , M. van Dijk, L.B. Creemers, K. Ito, <i>Osteogenic protein 1 does not stimulate a regenerative effect in cultured human degenerated nucleus pulposus tissue</i> , J Tissue Eng Regen Med. 11 (2017) 2127–2135. https://doi.org/10.1002/term.2111 .
2017	9	C. Sallon, I. Callebaut, I. Boulay, J. Fontaine, D. Logeart-Avramoglou , C. Henriquet, M. Pugnière, X. Cayla, P. Monget, G. Harichaux, V. Labas, S. Canepa, C. Taragnat, <i>Thrombospondin-1 (TSP-1), a new bone morphogenetic protein-2 and -4 (BMP-2/4) antagonist identified in pituitary cells</i> , J Biol Chem. 292 (2017) 15352–15368. https://doi.org/10.1074/jbc.M116.736207 .
2017	10	C. Scemama, P. Anract, V. Dumaine, A. Babinet, J.P. Courpied, M. Hamadouche , <i>Does vitamin E-blended polyethylene reduce wear in primary total hip arthroplasty: a blinded randomised clinical trial</i> , Int Orthop. 41 (2017) 1113–1118. https://doi.org/10.1007/s00264-016-3320-2 .
2017	11	D. Moreau, A. Villain, M. Bachy , H. Proudhon, D.N. Ku, D. Hannouche, H. Petite , L. Corté, <i>In vivo evaluation of the bone integration of coated poly(vinyl-alcohol) hydrogel fiber implants</i> , J Mater Sci Mater Med. 28 (2017) 114. https://doi.org/10.1007/s10856-017-5923-6 .
2017	12	D. Petrover, J. Bellity, M. Vigan, R. Nizard , A. Hakime, <i>Ultrasound imaging of the thenar motor branch of the median nerve: a cadaveric study</i> , Eur Radiol. 27 (2017) 4883–4888. https://doi.org/10.1007/s00330-017-4882-0 .

2017	13	E. Gibon , D.F. Amanatullah, F. Loi, J. Pajarinen, A. Nabeshima, Z. Yao, M. Hamadouche , S.B. Goodman, <i>The biological response to orthopaedic implants for joint replacement: Part I: Metals</i> , J Biomed Mater Res B Appl Biomater. 105 (2017) 2162–2173. https://doi.org/10.1002/jbm.b.33734 . Review*.
2017	14	E. Gibon , L.A. Córdova, L. Lu, T.-H. Lin, Z. Yao, M. Hamadouche , S.B. Goodman, <i>The biological response to orthopedic implants for joint replacement. II: Polyethylene, ceramics, PMMA, and the foreign body reaction</i> , J Biomed Mater Res B Appl Biomater. 105 (2017) 1685–1691. https://doi.org/10.1002/jbm.b.33676 . Review*.
2017	15	E. Gibon , L.Y. Lu, K. Nathan, S.B. Goodman, <i>Inflammation, ageing, and bone regeneration</i> , J Orthop Translat. 10 (2017) 28–35. https://doi.org/10.1016/j.jot.2017.04.002 . Review.
2017	16	E. Martinod, J. Paquet , H. Dutau, D.M. Radu, M. Bensedhoum , S. Abad, Y. Uzunhan, E. Vicauf, H. Petite , <i>In Vivo Tissue Engineering of Human Airways</i> , Ann Thorac Surg. 103 (2017) 1631–1640. https://doi.org/10.1016/j.athoracsur.2016.11.027 .
2017	17	F. Sailhan, L. Jacob, M. Hamadouche , <i>Differences in limb alignment and femoral mechanical-anatomical angles using two dimension versus three dimension radiographic imaging</i> , Int Orthop. 41 (2017) 2009–2016. https://doi.org/10.1007/s00264-017-3428-z .
2017	18	G. Hailotte, M. Bachy , M. Delpont, R. Kabbaj, H. Ducou le Pointe, R. Vialle, <i>The Use of Magnetic Resonance Imaging in Management of Minimally Displaced or Nondisplaced Lateral Humeral Condyle Fractures in Children</i> , Pediatr Emerg Care. 33 (2017) 21–25. https://doi.org/10.1097/PEC.0000000000000996 .
2017	19	H.P. Felgueiras, A. Decambron , M. Manassero , L. Tulasne, M.D.M. Evans, V. Viateau , V. Migonney, <i>Bone tissue response induced by bioactive polymer functionalized Ti6Al4V surfaces: In vitro and in vivo study</i> , J Colloid Interface Sci. 491 (2017) 44–54. https://doi.org/10.1016/j.jcis.2016.12.023 .
2017	20	I.T.M. Arkesteijn, E. Potier , K. Ito, <i>The Regenerative Potential of Notochordal Cells in a Nucleus Pulposus Explant</i> , Global Spine J. 7 (2017) 14–20. https://doi.org/10.1055/s-0036-1583174 .
2017	21	J. Pajarinen, A. Nabeshima, T.-H. Lin, T. Sato, E. Gibon , E. Jämsen, L. Lu, K. Nathan, Z. Yao, S.B. Goodman, <i>Murine Model of Progressive Orthopedic Wear Particle-Induced Chronic Inflammation and Osteolysis</i> , Tissue Eng Part C Methods. 23 (2017) 1003–1011. https://doi.org/10.1089/ten.TEC.2017.0166 .
2017	22	J. Ribot , G. Caliaperoumal , J. Paquet , C. Boisson-Vidal, H. Petite , F. Anagnostou , <i>Type 2 diabetes alters mesenchymal stem cell secretome composition and angiogenic properties</i> , J Cell Mol Med. 21 (2017) 349–363. https://doi.org/10.1111/jcmm.12969 .
2017	23	J. Rouissi, R. Arvieu, A. Dubory, C. Vergari, M. Bachy , R. Vialle, <i>Intra and inter-observer reliability of determining degree of pelvic obliquity in neuromuscular scoliosis using the EOS-CHAIR® protocol</i> , Childs Nerv Syst. 33 (2017) 337–341. https://doi.org/10.1007/s00381-016-3326-5 .
2017	24	J.-C. Aurégan , A. Frison, T. Bégué, D. Hannouche, C. Bosser, M. Bensedhoum , T. Hoc , <i>Contra-lateral hip fracture in the elderly: are decreased body mass index and skin thickness predictive factors?</i> , Int Orthop. 41 (2017) 247–252. https://doi.org/10.1007/s00264-016-3264-6 .
2017	25	K. Pernelle, L. Imbert, C. Bosser, J.-C. Aurégan , M. Cruel, A. Ogier, P. Jurdic, T. Hoc , <i>Microscale mechanical and mineral heterogeneity of human cortical bone governs osteoclast activity</i> , Bone. 94 (2017) 42–49. https://doi.org/10.1016/j.bone.2016.10.002 .
2017	26	L.A. Córdova, F. Loi, T.-H. Lin, E. Gibon , J. Pajarinen, A. Nabeshima, L. Lu, Z. Yao, S.B. Goodman, <i>CCL2, CCL5, and IGF-1 participate in the immunomodulation of osteogenesis during M1/M2 transition in vitro</i> , J Biomed Mater Res A. 105 (2017) 3069–3076. https://doi.org/10.1002/jbm.a.36166 .
2017	27	L.Y. Lu, F. Loi, K. Nathan, T.-H. Lin, J. Pajarinen, E. Gibon , A. Nabeshima, L. Cordova, E. Jämsen, Z. Yao, S.B. Goodman, <i>Pro-inflammatory M1 macrophages promote osteogenesis by mesenchymal stem cells via the COX-2-prostaglandin E2 pathway</i> , J Orthop Res. 35 (2017) 2378–2385. https://doi.org/10.1002/jor.23553 .
2017	28	M. Cruel, M. Granke, C. Bosser, M. Audran, T. Hoc , <i>Chronic alcohol abuse in men alters bone mechanical properties by affecting both tissue mechanical properties and microarchitectural parameters</i> , Morphologie. 101 (2017) 88–96. https://doi.org/10.1016/j.morpho.2017.03.001 .
2017	29	P. Pottecher, E. Sibilleau, S. Aho, B. Hamze, C. Parlier, J.D. Laredo , V. Bousson , <i>Dynamic contrast-enhanced MR imaging in osteoid osteoma: relationships with clinical and CT characteristics</i> , Skeletal Radiol. 46 (2017) 935–948. https://doi.org/10.1007/s00256-017-2645-2 .
2017	30	R. Rieger, C. Boulocher, S. Kaderli, T. Hoc , <i>Chitosan in viscosupplementation: in vivo effect on rabbit subchondral bone</i> , BMC Musculoskelet Disord. 18 (2017) 350. https://doi.org/10.1186/s12891-017-1700-4 .
2017	31	S. Touraine , H. Bouhadoun, K. Engelke, J.D. Laredo , C. Chappard , <i>Influence of meniscus on cartilage and subchondral bone features of knees from older individuals: A cadaver study</i> , PLoS One. 12 (2017) e0181956. https://doi.org/10.1371/journal.pone.0181956 .
2017	32	T. Lin, J. Pajarinen, A. Nabeshima, L.A. Córdova, F. Loi, E. Gibon , L. Lu, K. Nathan, E. Jämsen, Z. Yao, S.B. Goodman, <i>Orthopaedic wear particle-induced bone loss and exogenous macrophage infiltration is mitigated by local infusion of NF-κB decoy oligodeoxynucleotide</i> , J Biomed Mater Res A. 105 (2017) 3169–3175. https://doi.org/10.1002/jbm.a.36169 .
2017	33	T. Lowitz, O. Museyko, V. Bousson , C. Chappard , L. Laouisset, J.-D. Laredo , K. Engelke, <i>Advanced Knee Structure Analysis (AKSA): a comparison of bone mineral density and trabecular texture measurements using computed tomography and high-resolution peripheral quantitative computed tomography of human knee cadavers</i> , Arthritis Res Ther. 19 (2017) 1. https://doi.org/10.1186/s13075-016-1210-z .

2017	34	T.-H. Lin, E. Gibon , F. Loi, J. Pajarinen, L.A. Córdova, A. Nabeshima, L. Lu, Z. Yao, S.B. Goodman, <i>Decreased osteogenesis in mesenchymal stem cells derived from the aged mouse is associated with enhanced NF-κB activity</i> , J Orthop Res. 35 (2017) 281–288. https://doi.org/10.1002/jor.23270 .
2017	35	V.-H. Nguyen, G. Rosi, S. Naili, A. Michel, M.-L. Raffa, R. Bosc, J.-P. Meningaud, C. Chappard , N. Takano, G. Haiat, <i>Influence of anisotropic bone properties on the biomechanical behavior of the acetabular cup implant: a multiscale finite element study</i> , Comput Methods Biomech Biomed Engin. 20 (2017) 1312–1325. https://doi.org/10.1080/10255842.2017.1357703 .
2017	36	W. Lin, L. Xu, S. Zwingerberger, E. Gibon , S.B. Goodman, G. Li, <i>Mesenchymal stem cells homing to improve bone healing</i> , J Orthop Translat. 9 (2017) 19–27. https://doi.org/10.1016/j.jot.2017.03.002 . Review*.
2017	37	Y. Nagatani, S. Guipieri, V.-H. Nguyen, C. Chappard , D. Geiger, S. Naili, G. Haiat, <i>Three-dimensional Simulation of Quantitative Ultrasound in Cancellous Bone Using the Echographic Response of a Metallic Pin</i> , Ultrason Imaging. 39 (2017) 295–312. https://doi.org/10.1177/0161734617698648 .
2018	38	L. Astruc, M. De Meulaere, J.-F. Witz, V. Nováček, F. Turquier, T. Hoc , M. Brieu, <i>Characterization of the anisotropic mechanical behavior of human abdominal wall connective tissues</i> , J Mech Behav Biomed Mater. 82 (2018) 45–50. https://doi.org/10.1016/j.jmbbm.2018.03.012 .
2018	39	A. Ciani, H. Toumi, S. Pallu , E.H.R. Tsai, A. Diaz, M. Guizar-Sicairos, M. Holler, E. Lespessailles, C.M. Kewish, <i>Ptychographic X-ray CT characterization of the osteocyte lacuno-canalicular network in a male rat's glucocorticoid induced osteoporosis model</i> , Bone Rep. 9 (2018) 122–131. https://doi.org/10.1016/j.bonr.2018.07.005 .
2018	40	A. Moya , J. Paquet , M. Deschepper , N. Larochette , K. Oudina , C. Denoeud , M. Bensidhoum , D. Logeart-Avramoglou , H. Petite , <i>Human Mesenchymal Stem Cell Failure to Adapt to Glucose Shortage and Rapidly Use Intracellular Energy Reserves Through Glycolysis Explains Poor Cell Survival After Implantation</i> , Stem Cells. 36 (2018) 363–376. https://doi.org/10.1002/stem.2763 .
2018	41	A. Moya , N. Larochette , M. Bourguignon , H. El-Hafci , E. Potier , H. Petite , D. Logeart-Avramoglou , <i>Osteogenic potential of adipogenic pre-differentiated human bone marrow-derived multipotent stromal cells for bone tissue-engineering</i> , J Tissue Eng Regen Med. 12 (2018) e1511–e1524. https://doi.org/10.1002/term.2571 .
2018	42	B. Morel, S. Moueddeb, E. Blondiaux, S. Richard, M. Bachy , R. Vialle, H. Ducou Le Pointe, <i>Dose, image quality and spine modeling assessment of biplanar EOS micro-dose radiographs for the follow-up of in-brace adolescent idiopathic scoliosis patients</i> , Eur Spine J. 27 (2018) 1082–1088. https://doi.org/10.1007/s00586-018-5464-9 .
2018	43	B. Roche, A.-L. Simon, S. Guilmin-Crépon, P. Boizeau, B. Andriss, C. Alberti, A. Presedo, B. Ilharreborde , I. Husson, <i>Test-retest reliability of an instrumented electronic walkway system (GAITRite) for the measurement of spatio-temporal gait parameters in young patients with Friedreich's ataxia</i> , Gait & Posture. 66 (2018) 45–50. https://doi.org/10.1016/j.gaitpost.2018.08.017 .
2018	44	C. Convelbo , H. El Hafci , H. Petite , R. Zegdi, <i>Traumatic leaflet injury: comparison of porcine leaflet self-expandable and bovine leaflet balloon-expandable prostheses</i> , Eur J Cardiothorac Surg. 53 (2018) 1062–1067. https://doi.org/10.1093/ejcts/ezx451 .
2018	45	D. Petrover, A. Hakime, J. Silvera, P. Richette, R. Nizard , <i>Ultrasound-Guided Surgery for Carpal Tunnel Syndrome: A New Interventional Procedure</i> , Semin Intervent Radiol. 35 (2018) 248–254. https://doi.org/10.1055/s-0038-1673360 .
2018	46	E. Budyn, N. Gaci, S. Sanders, M. Bensidhoum , E. Schmidt, B. Cinquin, P. Tauc, H. Petite , <i>Human Stem Cell Derived Osteocytes in Bone-on-Chip</i> , MRS Advances. 3 (2018) 1443–1455. https://doi.org/10.1557/adv.2018.278 .
2018	47	E. Ferrero, K. Mazda , A.-L. Simon, B. Ilharreborde , <i>Preliminary experience with SpineEOS, a new software for 3D planning in AIS surgery</i> , Eur Spine J. 27 (2018) 2165–2174. https://doi.org/10.1007/s00586-018-5591-3 .
2018	48	E. Martinod, K. Chouahnia, D.M. Radu, P. Joudiou, Y. Uzunhan, M. Bensidhoum , A.M. Santos Portela, P. Guiraudet, M. Peretti, M.-D. Destable, A. Solis, S. Benachi, A. Fialaire-Legendre, H. Rouard, T. Collon, J. Piquet, S. Leroy, N. Vénissac, J. Santini, C. Tresallet, H. Dutau, G. Sebbane, Y. Cohen, S. Beloucif, A.C. d'Audiffret, H. Petite , D. Valeyre, A. Carpentier, E. Vicaut, <i>Feasibility of Bioengineered Tracheal and Bronchial Reconstruction Using Stented Aortic Matrices</i> , JAMA. 319 (2018) 2212–2222. https://doi.org/10.1001/jama.2018.4653 .
2018	49	G. Callaperoumal , M. Souyet, M. Bensidhoum , H. Petite , F. Anagnostou , <i>Type 2 diabetes impairs angiogenesis and osteogenesis in calvarial defects: MicroCT study in ZDF rats</i> , Bone. 112 (2018) 161–172. https://doi.org/10.1016/j.bone.2018.04.009 .
2018	50	H. Mezlini-Gharsallah , R. Youssef, S. Uk , J.D. Laredo , C. Chappard , <i>Three-dimensional mapping of the joint space for the diagnosis of knee osteoarthritis based on high resolution computed tomography: Comparison with radiographic, outerbridge, and meniscal classifications</i> , J Orthop Res. 36 (2018) 2380–2391. https://doi.org/10.1002/jor.24015 .
2018	51	J. Parvizi, L. Sedel , M.J. Dunbar, <i>Clinical Faceoff: Instability After THA: The Potential Role of the Bearing Surface</i> , Clin Orthop Relat Res. 476 (2018) 678–683. https://doi.org/10.1007/s11999-000000000000162 . Editorial.
2018	52	J.-C. Aurégan , C. Bosser, M. Bensidhoum , T. Bégué, T. Hoc , <i>Correlation between skin and bone parameters in women with postmenopausal osteoporosis: A systematic review</i> , EFORT (European Federation of National Associations of Orthopaedics and Traumatology) Open Rev. 3 (2018) 449–460. https://doi.org/10.1302/2058-5241.3.160088 . Review*.
2018	53	J.-D. Laredo , A. Wyler, C. Alvarez, M. Aout, M. Lequesne, E. Vicaut, <i>Diagnostic performance of bilateral false profile radiographs in early hip osteoarthritis</i> , Joint Bone Spine. 85 (2018) 93–99. https://doi.org/10.1016/j.jbspin.2016.12.010 .
2018	54	J.-D. Laredo , <i>Données nouvelles dans l'imagerie du cartilage</i> , Bulletin de l'Académie Nationale de Médecine. 202 (2018) 153–171. https://doi.org/10.1016/S0001-4079(19)30348-6 .

2018	55	K. Engelke, O. Museyko, L. Wang, J.-D. Laredo , <i>Quantitative analysis of skeletal muscle by computed tomography imaging-State of the art</i> , J Orthop Translat. 15 (2018) 91–103. https://doi.org/10.1016/j.jot.2018.10.004 . Review*.
2018	56	K. Oudina, J. Paquet, A. Moya , E. Massourides, M. Bensidhoum, N. Larochette, M. Deschepper, C. Pinset, H. Petite , <i>The paracrine effects of human induced pluripotent stem cells promote bone-like structures via the upregulation of BMP expression in a mouse ectopic model</i> , Sci Rep. 8 (2018) 17106. https://doi.org/10.1038/s41598-018-35546-6 .
2018	57	M. Bou Antoun, S. Kemel, M. Polivka, D. Bresson, J.-D. Laredo , <i>The lucent (CT) and enhancing (MR) rim, a sign of Paget's disease of the skull: case report</i> , Skeletal Radiol. 47 (2018) 1567–1570. https://doi.org/10.1007/s00256-018-2957-x .
2018	58	P. Hernigou, G. Rigoulot, J.C. Aurégan , V. Housset, C. Bastard, A. Dubory, C.H.F. Lachaniette, <i>Unusual indication of cell therapy for hip osteonecrosis after pregnancy</i> , SICOT J. 4 (2018) 46. https://doi.org/10.1051/sicotj/2018044 .
2018	59	P. Hernigou, J.C. Aurégan , A. Dubory, C.H. Flouzat-Lachaniette, N. Chevallier, H. Rouard, <i>Subchondral stem cell therapy versus contralateral total knee arthroplasty for osteoarthritis following secondary osteonecrosis of the knee</i> , Int Orthop. 42 (2018) 2563–2571. https://doi.org/10.1007/s00264-018-3916-9 .
2018	60	R. Rieger, J.C. Aurégan, T. Hoc , <i>Micro-finite-element method to assess elastic properties of trabecular bone at micro- and macroscopic level</i> , Morphologie. 102 (2018) 12–20. https://doi.org/10.1016/j.morpho.2017.07.175 .
2018	61	S. Azogui-Lévy, R. Dray-Spira, S. Attal, A. Hartemann, F. Anagnostou , J. Azerad, <i>Factors associated with oral health-related quality of life in patients with diabetes</i> , Aust Dent J. 63 (2018) 163–169. https://doi.org/10.1111/adj.12577 .
2018	62	S. Pragnère, C. Boulocher, O. Pollet, C. Bossier, A. Levillain, M. Cruel, T. Hoc , <i>Mechanical alterations of the bone-cartilage unit in a rabbit model of early osteoarthritis</i> , J Mech Behav Biomed Mater. 83 (2018) 1–8. https://doi.org/10.1016/j.jmbbm.2018.03.033 .
2018	63	T. Rousseau, C. Nouguié-Lehon, P. Gilles, T. Hoc , <i>Finite element multi-impact simulations using a crystal plasticity law based on dislocation dynamics</i> , International Journal of Plasticity. 101 (2018) 42–57. https://doi.org/10.1016/j.ijplas.2017.10.008 .
2019	64	L. Astruc, A. Morch, J.-F. Witz, V. Nováček, F. Turquier, T. Hoc , M. Brieu, <i>An anisotropic micro-ellipsoid constitutive model based on a microstructural description of fibrous soft tissues</i> , Journal of the Mechanics and Physics of Solids. 131 (2019) 56–73. https://doi.org/10.1016/j.jmps.2019.06.019 .
2019	65	A. Decambron , N. Devriendt, N. Larochette, M. Manassero, M. Bourguignon, H. El-Hafci, H. Petite, V. Viateau, D. Logeart-Avramoglou , <i>Effect of the Bone Morphogenetic Protein-2 Doses on the Osteogenic Potential of Human Multipotent Stromal Cells- Containing Tissue Engineered Constructs</i> , Tissue Eng Part A. 25 (2019) 642–651. https://doi.org/10.1089/ten.TEA.2018.0146 .
2019	66	A. Mühlberg, O. Museyko, V. Bousson , P. Pottecher, J.-D. Laredo , K. Engelke, <i>Three-dimensional Distribution of Muscle and Adipose Tissue of the Thigh at CT: Association with Acute Hip Fracture</i> , Radiology. 290 (2019) 426–434. https://doi.org/10.1148/radiol.2018181112 .
2019	67	C. Bourzac, M. Bensidhoum, S. Pallu, H. Portier , <i>Use of adult mesenchymal stromal cells in tissue repair: impact of physical exercise</i> , Am J Physiol Cell Physiol. 317 (2019) C642–C654. https://doi.org/10.1152/ajpcell.00530.2018 . Review*.
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2022	191	V. Bousson , J.-P. Guichard, S. Froelich, P. Orcel, <i>The tumours and the three bumps</i> , Lancet Oncol. 23 (2022) e44. https://doi.org/10.1016/S1470-2045(21)00647-1 .
2022	192	V. Teissier , D. Biau, M. Hamadouche , D. Talon, P. Anract, <i>Time is Money! Influence on Operating Theater and Sterilization Times of Patient-specific Cutting Guides and Single-use Instrumentation for Total Knee Arthroplasty: A Full Factorial Design of 136 Patients</i> , Arthroplast Today. 18 (2022) 95–102. https://doi.org/10.1016/j.artd.2022.09.004 .
2022	193	W.B. Fadhel, L. Taieb, B. Villain, N. Mebtouche, S. Levante, T. Bégué, J.-C. Aurégan , <i>Outcomes after primary ankle arthrodesis in recent fractures of the distal end of the tibia in the elderly: a systematic review</i> , Int Orthop. 46 (2022) 1405–1412. https://doi.org/10.1007/s00264-022-05317-0 . Review*.
2022	194	Y.P. Charles, E. Bauduin, S. Pesenti, B. Ilharreborde , S. Prost, F. Laouissat, G. Riouallon, S. Wolff, V. Challier, I. Obeid, L. Boissière, E. Ferrero, F. Solla, J.-C. Le Huec, S. Bourret, J. Faddoul, G.N. Abi Lahoud, V. Fièrè, M. Vande Kerckhove, M. Campana, J. Lebhar, H. Giorgi, A. Faure, E.A. Sauleau, B. Blondel, <i>The French Spine Surgery Society (SFCR), Variation of Global Sagittal Alignment Parameters According to Gender, Pelvic Incidence, and Age. Clinical Spine Surgery: A Spine Publication</i> . 35 (2022) E610–E620. https://doi.org/10.1097/BSD.0000000000001321 .
2022	195	Y.P. Charles, S. Prost, S. Pesenti, B. Ilharreborde , E. Bauduin, F. Laouissat, G. Riouallon, S. Wolff, V. Challier, I. Obeid, L. Boissière, E. Ferrero, F. Solla, J.-C. Le Huec, S. Bourret, J. Faddoul, G.N. Abi Lahoud, V. Fièrè, M. Vande Kerckhove, M. Campana, J. Lebhar, H. Giorgi, A. Faure, E.A. Sauleau, B. Blondel, <i>French Spine Surgery Society (SFCR), Variation of cervical sagittal alignment parameters according to gender, pelvic incidence and age</i> , Eur Spine J. 31 (2022) 1228–1240. https://doi.org/10.1007/s00586-021-07102-w .
2022	196	Y.P. Charles, V. Lamas, B. Ilharreborde , B. Blondel, S. Prost, E. Bauduin, F. Laouissat, G. Riouallon, S. Wolff, V. Challier, I. Obeid, L. Boissière, E. Ferrero, F. Solla, J.-C. Le Huec, S. Bourret, J. Faddoul, G.N. Abi Lahoud, V. Fièrè, M. Vande Kerckhove, J. Lebhar, H. Giorgi, A. Faure, E.A. Sauleau, S. Pesenti, <i>The French Spine Surgery Society (SFCR), Comparison of Spinopelvic Configuration and Roussouly Alignment Types Between Pediatric and Adult Populations</i> , Spine. 47 (2022) 1303–1313. https://doi.org/10.1097/BRS.0000000000004411 .

Communications in national and international congress

Research

Year	#	Publication
2017	1	A. Decambron , A. Fournet, M. Bensidhoum , M. Manassero , F. Sailhan, H. Petite , D. Logeart-Avramoglou , V. Viateau . <i>Low-dose BMP-2 and MSC dual delivery onto coral scaffold for critical-size bone defect regeneration in sheep</i> . Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Edinburg, Scotland - July 13-15, 2017.
2017	2	A. Moya , N. Larochette , M. Bourguignon , H. El-Hafci , E. Potier , H. Petite , D. Logeart-Avramoglou . <i>Superior osteogenic potential of adipogenic predifferentiated human bone marrow derived multipotent stromal cells for bone tissue engineering</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés), Lyon, France - May 18-20, 2017.
2017	3	A. Moya , N. Larochette , M. Bourguignon , H. El-Hafci , E. Potier , H. Petite , D. Logeart-Avramoglou . <i>Superior osteogenic potential of adipogenic predifferentiated human bone marrow derived multipotent stromal cells for bone tissue engineering</i> . TERMIS (Tissue Engineering and Regenerative Medicine International Society) EU chapter, Davos, Switzerland - June 26-30, 2017.
2017	4	A. Ogier, JC. Aurégan , M. Doyard, C. Michot, P. Brunnelle, Z. Pejin-Arroyo, T. Hoc . <i>Influence of the Mutation on Chemo-Mechanical properties of Osteogenesis Imperfecta Children Bones</i> . MRS (Materials Research Society) Fall Meeting, Boston, USA - November 26 - December 1, 2017.
2017	5	C. Bossier, C. Boulocher, A. Levillain, C. Douillet, A. Decambron , C. Nouguier, T. Hoc . <i>Synovial Fluid as a Biomarker of Meniscus Alteration in an ACLT Rabbit Model</i> . MRS (Materials Research Society) Fall Meeting, Boston, USA - November 26 - December 1, 2017.
2017	6	C. Damia, C. Lemoine, V. Chaleix, V. Sol, D. Marchat, N. Douard, D. Logeart-Avramoglou , N. Larochette , J. Brie, E. Champion. <i>Functionalisation of silicon substituted hydroxyapatite bioceramics by BMP-2 for bone tissue engineering</i> . Bioceramics 29, Toulouse, France - October 25-27, 2017.
2017	7	F. Sannmann, C. Chappard , J-D. Laredo , K. Engelke. <i>BMD and structural analysis of CT images of OA knees comparing subchondral bone under meniscus and not under meniscus</i> . International Bone Densitometry Workshop, Banz, Germany - June 26-30, 2017.
2017	8	G. Milton , H. Bouhadoun, E. Budyn, K. Engelke, J-D. Laredo , C. Chappard . <i>A Multiscale Analysis of tibial subchondral bone micro-architecture based on cone beam computed tomography</i> . International Bone Densitometry Workshop, Banz, Germany - June 26-30, 2017.
2017	9	H. Mezlini-Gharsallah , R. Youssef, J-D. Laredo , C. Chappard . <i>Three-Dimensional Mapping of the Joint Space for Knee Osteoarthritis Based on High-Resolution Computed Tomography: A Multiscale Analysis</i> . International Bone Densitometry Workshop, Banz, Germany - June 26-30, 2017.
2017	10	O. Pollet, C. Boulocher, C. Henrionnet, A. Pinzano, M. Bensidhoum , T. Hoc . <i>Influence of Donor Age on Stem Cell-Based Tissue-Engineered Cartilage</i> . MRS (Materials Research Society) Fall Meeting, Boston, USA - November 26 - December 1, 2017.
2017	11	PY. Rohan, H. Pillet, W. Skalli, J. Trnka , M. Manassero , V. Viateau , J. Caroux, L. Corte. <i>Functional evaluation of anterior cruciate ligament autografts in pre-clinical animal models</i> . Congress of the ESB (European Society of Biomechanics), Sevilla, Spain - July 2-5, 2017.
2017	12	S. Pallu . <i>Intérêt du rayonnement Synchrotron comme outil de caractérisation de l'ostéocyte et de son environnement</i> . 2ème JOURNEE IMOSAR, Paris, France - July 3, 2017.
2017	13	T. Rousseau, T. Nouguier-Lehon, P. Gilles, T. Hoc . <i>Microstructure changes under ultrasonic shot peening: numerical study from a crystal plasticity law based on dislocation dynamics simulations</i> . International Symposium on Plasticity, Damage, and Fracture, Puerto Vallarta, Mexico - January 3-9, 2017.
2018	14	F. Roseren, O. Pollet, E. Lamy, T. Hoc , S. Roffino, M. Pithioux. <i>New method for distraction callus material properties measurement with the use of nanoindentation</i> . World Congress of Biomechanics, Dublin, Ireland - July 8-12, 2018.
2018	15	C. Denoed , J. Paquet , J. Boisselier, P. Becquart , A. Moya , A.M. Diallo , M. Barbosa , S. Marinesco, A. Meiller, E. Lefebvre, V. Larreta-Garde, A. Pauthe, E. Potier , H. Petite . <i>Glucose delivery system based-hydrogel composite scaffold for enhancing MSC survival and functionality</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés) 2018, Monaco, Monaco - March 21-23, 2018.
2018	16	C. Denoed , J. Paquet , J. Boisselier, P. Becquart , A. Moya , A.M. Diallo , S. Marinesco, A. Meiller, V. Larreta-Garde, E. Pauthe, E. Potier , H. Petite . <i>Glucose Delivery System Based-Hydrogel Composite Scaffold for enhancing MSC survival</i> . ORS-ISFR (Orthopaedic Research Society, International Section of Fracture Repair) 2018, Kyoto, Japan - November 27-30, 2018.
2018	17	H. Petite , A. Decambron , M. Manassero , M. Bensidhoum , B. Lecuelle, D. Logeart-Avramoglou , V. Viateau . <i>A comparative study of tissue-engineered constructs from Acropora and Porites coral in a large animal bone defect model</i> . ORS-ISFR (Orthopaedic Research Society, International Section of Fracture Repair) 2018, Kyoto, Japan - November 27-30, 2018.
2018	18	L. Astruc, J-F. Witz, V. Novacek, F. Turquier, T. Hoc , M. Brieu. <i>Histologically-based anisotropic constitutive model of the mechanical behaviour of human abdominal wall connective tissue</i> . ECCM-ECFD (European Conference on Computational Mechanics - European Conference on Computational Fluid Dynamics), Glasgow, United Kingdom - June 11-15, 2018.

2018	19	S. Corsia , B. Charbonnier, M. Manassero , M. Bourguignon , G. Mitton , D. Leon, H. Petite , D. Marchat, E. Potier . <i>Influence de l'architecture sur la résistance mécanique et les propriétés ostéoconductrices d'implant en hydroxyapatite produits par fabrication additive</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 12-15, 2018.
2018	20	S. Corsia , H. El-Hafci , M. Bourguignon , M. Herbin, T. Decamps, H. Petite , E. Potier , M. Manassero . <i>Caractérisation d'un modèle de défaut fémoral diaphysaire chez le rat pour l'évaluation de la réparation osseuse</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 12-15, 2018.
2018	21	S. Pragnère, C. Boulocher, M. Cruel, A. Levillain, O. Pollet, C. Bosser, T. Hoc . <i>Mechanical alterations of the bone-cartilage unit in a rabbit model of early osteoarthritis</i> . World Congress of Biomechanics, Dublin, Ireland - July 8-12, 2018.
2018	22	T. Hoc . <i>Fonctionnalité du tissu osseux OI à l'échelle microscopique - Etude MOTIF</i> . Journée de formation sur l'Ostéogénèse Imparfait « Mise au point sur l'OI en 2018 », Imagine, Paris, France - March 2, 2018.
2019	23	A. Germain, P. Germain, S. Pallu , C. Bourzac , H. Portier , C. Pichon. <i>Incidence de la course sur l'apparition de FHL2 au sein des cellules de la moelle osseuse</i> . ACAPS (Association des Chercheurs en Activités Physiques et Sportives) 2019, Paris, France - October 29-31, 2019.
2019	24	A.M. Diallo , C. Denoëud , H. El-Hafci , E. Pauthe, H. Petite , M. Bensidhoum , F. Anagnostou . <i>Analyse du potentiel ostéofacteur de nouvelles formulations d'un substitut allogénique dans deux modèles de reconstruction osseuse</i> . Journée Recherche de Garancière, Paris, France - January 18, 2019.
2019	25	B. Charbonnier, M. Manassero , K. Oudina , H. El-Hafci , A. Decambon , S. Corsia , M. Bourguignon , G. Mitton , D. Leon, M. Bensidhoum , H. Petite , D. Marchat, E. Potier . <i>Modulating the architecture of custom-made macroporous bioceramics to improve their load-bearing properties in bone</i> . TERMIS (Tissue Engineering and Regenerative Medicine International Society) European Chapter, Rhodes, Greece - May 27-31, 2019.
2019	26	C. Bourzac , M. Bensidhoum , C. Jaffré , P. Germain, S. Pallu , H. Portier . <i>Effets de différents protocoles de course sur la microarchitecture et le métabolisme osseux chez les rats Wistar mâles</i> . ACAPS (Association des Chercheurs en Activités Physiques et Sportives) 2019, Paris, France - October 29-31, 2019.
2019	27	C. Bourzac , M. Bensidhoum , M. Manassero , S. Pallu , H. Portier . <i>Les exercices préventifs de course à pied améliorent la guérison des défauts osseux de taille non critique chez les rats Wistar mâles</i> . ACAPS (Association des Chercheurs en Activités Physiques et Sportives) 2019, Paris, France - October 29-31, 2019.
2019	28	C. Chappard , J-F. Abascal, S. Bussod, S. Uk , S-A. Si-Mohamed, P. Douek, F. Peyrin. <i>Feasibility of photon counting spectral CT to assess knee cartilage</i> . International Workshop on QMSKI (Quantitative Musculoskeletal Imaging), Lake Louise, Canada - February 24- March 1, 2019.
2019	29	C. Denoëud , J. Paquet , J. Boisselier, A. Moya , A.M. Diallo , G. Luo , S. Marinesco, A. Meiller, V. Larreta-Garde, E. Pauthe, E. Potier , H. Petite . <i>Enzyme-controlled, starch-based hydrogels for mesenchymal stromal cell survival and paracrine functions</i> . TERMIS (Tissue Engineering and Regenerative Medicine International Society) European Chapter, Rhodes, Greece - May 27-31, 2019.
2019	30	D. Ramiandrisoa, S. Fernandez, C. Chappard , M. Cohen-Solal, J-G. Minonzo. <i>Comparison of in vivo cortical parameters obtained at the radius by HR-pQCT and bi-directional axial transmission</i> . International Workshop on QMSKI (Quantitative Musculoskeletal Imaging), Lake Louise, Canada - February 24- March 1, 2019.
2019	31	E. Budyn, B. Cinquin, M. Bensidhoum , H. Portier . <i>Reforming the Haversian network in a bone-on-chip</i> . Tissue and Cell Engineering Society & United Kingdom Society for Biomaterials, Nottingham, United Kingdom - June 11-13, 2019.
2019	32	F. Roseren, O. Pollet, T. Hoc , S. Roffino, M. Pithioux. <i>New method for distraction callus material properties measurement with the use of nanoindentation</i> . Congrès de la Société de Biomécanique, Poitiers, France - October 28-30, 2019.
2019	33	G. Luo , C. Denoëud , J. Paquet , N. Larochette , E. Potier , H. Petite . <i>Mesenchymal stem cell survival in near-anoxia and functions pertinent to angiogenesis rely on the presence of glucose</i> . International Symposium Europe-China on Stem Cells and Regenerative Medicine, Strasbourg, France - October 2-4, 2019.
2019	34	J. Schneider, G. Iori, D. Ramiandrisoa, M. Hammami, M. Gräsel, C. Chappard , R. Barkmann, P. Laugier, Q. Grimal, J-G. Minonzo, K. Raum. <i>Estimation of cortical porosity and thickness using ultrasonic bi-directional axial transmission at 500 KHz - an ex vivo study on human tibia</i> . International Workshop on QMSKI (Quantitative Musculoskeletal Imaging), Lake Louise, Canada - February 24- March 1, 2019.
2019	35	M. Morch, L. Astruc, J-F. Witz, P. Lecomte-Grosbras, T. Hoc , D. Soulat, M. Brieu, M. Cosson. <i>Modélisation anisotrope des tissus biologiques mous et implants</i> . Fédération de Mécanique (Fed n°4282) Journée scientifique de la thématique : "Mécanique des Matériaux Vivants et Composites (M2VC)", Lille, France - March 29, 2019.
2019	36	M. Souyet, F. Jacquart, C. Rey, H. Petite , C. Combes, F. Anagnostou . <i>Silver-containing calcium phosphate-calcium carbonate bone cements: evaluation in a rabbit model</i> . International Osteology Symposium 2019, Barcelona, Spain - April 25-27, 2019.
2019	37	N. Gaci, S. Sanders, B. Cinquin, H. Portier , E. Budyn. <i>3D bone self-assembly in a bone-on-chip</i> . Advances in Cell and Tissue Culture, Cardiff, United Kingdom - June 4-5, 2019.
2019	38	N. Larochette , M. Bourguignon , H. El-Hafci , H. Petite , D. Logeart-Avramoglou . <i>Evaluation of an osteogenic hmsc secreted extracellular matrix as a platform for BMP-2 delivery</i> . Congrès BIOMAT (association pour le développement des biomatériaux, de l'ingénierie tissulaire et de la médecine régénératrice), La grande Motte, France - June 3-6, 2019.

Document d'autoévaluation des unités de recherche

2019	39	S. Bussod, J-F. Abascal, N. Ducros, C. Olivier, S-A. Si-Mohamed, P. Douek, C. Chappard , F. Peyrin. <i>Generation d'un fantôme de genou humain pour la validation de méthodes de décomposition en CT spectral</i> . Journées RITS (Recherche en Imagerie et Technologies pour la Santé) 2019, Tours, France - May 20-22, 2019.
2019	40	V. Tessier, M. Bensidhoum, H. Petite, M. Hamadouche . <i>Oxidized UHMWPE Particles Induce More Inflammation Compared to Virgin UHMWPE Particles in a Murine Model</i> . ICORS (International Combined Meeting of Orthopaedic Research Societies), Montreal, Canada - June 19-22, 2019.
2020	41	C. Denoëud, G. Luo, J. Paquet , J. Boisselier, A. Gand, A. Moya, A. Diallo , S. Marinesco, A. Meiller, P. Becquart, H. Moussi , J-T. Vilquin, V. Larreta-Garde, E. Pauthe, E. Potier, H. Petite . <i>Enzyme-controlled, nutritive hydrogel for mesenchymal stromal cell survival and paracrine functions</i> . ORS (Orthopaedic Research Society) 2020 Annual Meeting, Phoenix, USA - February 8-11, 2020.
2020	42	D. George, C. Bourzac, S. Pallu , R. Allena, Y. Rémond, H. Portier . <i>First results on bone density variation under high loads through the competition between osteoblasts and osteoclasts</i> . E-Workshop of the IRP Coss&Vita, ELADYN-BIO, November 12-13, 2020.
2020	43	D. George, R. Allena, C. Bourzac, S. Pallu, M. Bensidhoum, H. Portier , Y. Rémond. <i>How mechanobiological modeling of cellular activities can predict bone density evolution?</i> Congrès de la Société de Biomécanique, Metz, France - October 26-28, 2020.
2020	44	J-F. Abascal, C. Olivier, S. Uk , S-A. Si-Mohamed, H-K. Ea, L. Bousset, P. Douek, F. Peyrin, C. Chappard . <i>Analyse quantitative morphologique des géodes sous chondrales à partir de scanner à comptage de photons</i> . Congrès Français de Rhumatologie, Edition digitale - December 13-16, 2020.
2021	45	A. Avgeri , S. Sanders, B. Cinquin, L. Sedel, P. Bizot , E. Budyn. <i>Mechanical properties of hip capsule tissue after a hip arthroplasty</i> . World Congress in Computational Mechanics (WCCM) and ECCOMAS Congress, Virtual - January 11-15, 2021.
2021	46	A. Germain, C. Bourzac , C. Pichon, H. Portier, S. Pallu , P. Germain. <i>Different effects of Endurance running versus Intermittent High Intensity running on activation of bone marrow cells</i> . ECSS (European College of Sport Science) Congress, Virtual - September 8-10, 2021.
2021	47	C. Garrot, J. Vial , P. Machillot, A. Decambron, D. Logeart-Avramoglou , J. Vollaire, V. Jossierand, E. Maurice, V. Viateau, M. Manassero , G. Bettega, C. Picart. <i>Influence of scaffold geometry on BMP-2 incorporation and in vivo bone regeneration</i> . BIOMAT congress, Bourg Saint Maurice, France - October 18-19, 2021.
2021	48	D. Maeztu-Redin, J. Caroux, P.Y. Rohan, H. Pillel, A. Cermolacce, J. Trnka, M. Manassero, V. Viateau , L. Corte. <i>A wear model to predict in-vivo damage of ACL grafts</i> . Virtual ESB (European Society for Biomaterials) congress, Porto, Portugal - September 5-9, 2021.
2021	49	D. Maeztu-Redin, J. Caroux, P.Y. Rohan, H. Pillel, A. Cermolacce, J. Trnka, M. Manassero, V. Viateau , L. Corte. <i>A wear model to predict the damage of ACL implants</i> . Congrès de la société de Biomécanique, St Etienne, France - October 25-27, 2021.
2021	50	D. Maeztu-Redin, V. Viateau, M. Manassero , L. Corte, P.Y. Rohan. <i>In vivo study and wear model to predict the damage and resistance of reconstructed ACL</i> . BIOMAT congress, Bourg Saint Maurice, France - October 18-19, 2021.
2021	51	M. Desbord, J. Soulié, R. Siadous, R. Landon , A. Leroux, C. Rey, J. Amédée, F. Anagnostou , C. Combes. <i>From in vitro evolution of new bioactive amorphous calcium ortho/pyrophosphate materials in various acellular/cellular media to in vivo animal study</i> . Virtual ESB (European Society for Biomaterials) congress, Porto, Portugal - September 5-9, 2021.
2021	52	M. Padrona, E. Potier . <i>Rôle du glucose dans l'homéostasie du nucleus pulposus dans le cadre de la dégénérescence discale</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - 9-11 November, 2021.
2021	53	M. Roquart, E. Paliere, N. Golse, E. Vibert, M. Manassero , S. Norvez, L. Corte. <i>Particle-coated hydrogels for adhesion to internal tissues</i> . Virtual ESB (European Society for Biomaterials) congress, Porto, Portugal - September 5-9, 2021.
2021	54	S. Nicoules, M. Bensidhoum, M. Hamadouche . <i>Evaluation de l'effet protecteur d'un anti-TNF alpha dans un modèle murin d'ostéolyse péri-prothétique</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 9-11, 2021.
2022	55	C. Nougier-Lehon, T. Rousseau, P. Gilles, T. Hoc . <i>Multiscale modelling of repeated impacts : case of ultrasonic shot peening</i> . ECCOMAS (European Congress on Computational Methods in Applied Sciences and Engineering), Oslo, Norway - June 5-9, 2022.
2022	56	A. Bedoux, T. Hoc, M. Bensidhoum , P. Lallemand-Dudek, R. Vielle, M. Bachy . <i>Effet de la stimulation mécanique sur des Cellules Souches Mésoenchymateuses de patients atteints d'Ostéogénèse Imparfait</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 9-11, 2022.
2022	57	A. Dia, G. Renaud, C. Chappard , Q. Grimal. <i>Assessing the performance of ultrasound imaging of the cortex in osteoporotic bones</i> . International Workshop on QMSKI (Quantitative Musculoskeletal Imaging), Noordwick, Netherlands - June 13-17, 2022.
2022	58	B. Charbonnier, M. Manassero, H. El-Hafci, A. Decambron, S. Corsia, M. Bourguignon, G. Milton , D. Leon, M. Bensidhoum, H. Petite , D. Marchat, E. Potier . <i>Modulating the architecture of custom-made macroporous bioceramics to improve their load-bearing properties in bone</i> . Journées scientifiques IMOA (Institut des maladies ostéo-articulaires), Paris, France - June 16, 2022.
2022	59	B. Cinquin, E. Foulatier, C. Drame-Maigne, R. Sagar, P. Guillot, T. Arnett, C. Sandt, C. Chappard , E. Budyn. <i>Stomal Bone Cells age, morphology and bone quality in a bone-on-chip</i> . USNCTAM (U.S. National Congress on Theoretical and Applied Mechanics) 2022 Austin, USA - June 19-24, 2022.

2022	60	C. Denoëud, G. Luo, P. Wosinski, J. Boisselier, A. Moya, A. M. Diallo, S. Marinesco, A. Meiller, H. Moussi, P. Becquart, J-T Vilquin, A. Gand, D. Logeart-Avramoglou, V. Larreta-Garde, E. Pauthe, E. Potier, H. Petite. <i>Enzyme controlled, nutritive hydrogel for mesenchymal stromal cells survival and paracrine functions.</i> TERMIS (Tissue Engineering and Regenerative Medicine International Society) Asia Pacific Conference 2022, ICC Jeju, South Korea - October 5-7, 2022.
2022	61	C. Denoëud, G. Luo, P. Wosinski, J. Boisselier, A. Moya, A. M. Diallo, S. Marinesco, A. Meiller, H. Moussi, P. Becquart, J-T Vilquin, A. Gand, D. Logeart-Avramoglou, V. Larreta-Garde, E. Pauthe, E. Potier, H. Petite. <i>Enzyme controlled, nutritive hydrogel for mesenchymal stromal cells survival and paracrine functions.</i> ESB (European Society for Biomaterials), Bordeaux, France - September 4-8, 2022.
2022	62	C. Denoëud, G. Luo, P. Wosinski, J. Boisselier, A. Moya, S. Marinesco, A. Meiller, H. Moussi, J-T Vilquin, D. Logeart-Avramoglou, A. Gand, V. Larreta-Garde, E. Pauthe, E. Potier, H. Petite. <i>Enzyme controlled, nutritive hydrogel for mesenchymal stromal cells survival and paracrine functions.</i> TERMIS (Tissue Engineering and Regenerative Medicine International Society) European Chapter 2022 meeting, Krakow, Poland - June 28 - July 1, 2022.
2022	63	C. Garcelon, C. Olivier, J-F. Abascal, P. Douek, F. Peyrin, C. Chappard. <i>Interest of Cartilage Thickness Measurements from Photo-counting Spectral computed Tomography Images.</i> International Workshop on QMSKI (Quantitative Musculoskeletal Imaging), Noordwick, Netherlands - June 13-17, 2022.
2022	64	C. Garot, S. Schoffit, P. Machillot, C. Monfoulet, J. Vial, A. Decambron, C. Deroy, J. Vollaire, M. Renard, V. Josseland, S. Roques, M. Durand, L. Bordenave, V. Viateau, M. Manassero, G. Bettiga, D. Logeart-Avramoglou, C. Picart. <i>3D-printed Biocompatible and Biodegradable PLA Scaffolds with Optimized Architecture to Repair a Sheep Metatarsal Critical-size Bone Defect.</i> ESB (European Society for Biomaterials), Bordeaux, France - September 4-8, 2022.
2022	65	D. Maeztu-Redin, J. Caroux, P.Y. Rohan, H. Pilet, A. Cermolacce, J. Trnka, M. Manassero, V. Viateau, L. Corte. <i>A wear model including joint kinematics captures damage of reconstructed anterior cruciate ligaments.</i> Friction and wear across scales conference, Monte Verita, Ascona, Ticino, Switzerland - August 15-18, 2022.
2022	66	E. Palierse, M. Roquart, M. Sebah, M. Manassero, S. Norvez, L. Corte. <i>Role of vascularization in the adhesion to biological tissues.</i> ESB (European Society for Biomaterials), Bordeaux, France - September 4-8, 2022.
2022	67	G. Luo, C. Denoëud, N. Laroche, P. Wosinski, E. Potier, H. Petite. <i>Glucose Enhances Transplanted Mesenchymal Stromal Cells Survival And Functions Pertinent To Angiogenesis.</i> ORS (Orthopaedic Research Society) 2022 Annual Meeting, Tampa, USA - 4-8 February, 2022.
2022	68	G. Luo, C. Denoëud, P. Wosinski, N. Laroche, M. Bensidhoum, E. Potier, H. Petite. <i>Glucose enhances transplanted mesenchymal stromal cells functions pertinent to angiogenesis.</i> ESB (European Society for Biomaterials), Bordeaux, France - September 4-8, 2022.
2022	69	G. Luo, N. Laroche, C. Denoëud, P. Wosinski, E. Potier, H. Petite. <i>Glucose enhances transplanted mesenchymal stromal cells functions pertinent to angiogenesis.</i> TERMIS (Tissue Engineering and Regenerative Medicine International Society) European Chapter 2022 meeting, Krakow, Poland - June 28 - July 1, 2022.
2022	70	L. Rouquier, Z. Xiong, M. Bensidhoum, X. Huang, T. Hoc, M. Bachy, E. Potier. <i>Human mesenchymal stem cell responses to bone physiological loading.</i> ESMC (European Solid Mechanics Conference), Galway, Ireland - July 4-8, 2022.
2022	71	M. Maroquenne, M. Bourguignon, N. Laroche, H. El-Hafci, E. Potier, D. Logeart-Avramoglou. <i>The inferior in vivo osteogenicity of human MSC from adipose tissue compared to bone marrow is correlated with higher immune response within tissue engineered constructs.</i> TERMIS (Tissue Engineering and Regenerative Medicine International Society) European Chapter 2022 meeting, Krakow, Poland - June 28 - July 1, 2022.
2022	72	P. Wosinski, C. Denoëud, G. Luo, J. Boisselier, A. Moya, A.M. Diallo, S. Marinesco, A. Meiller, H. Moussi, P. Becquart, J-T Vilquin, A. Gand, D. Logeart-Avramoglou, V. Larreta-Garde, E. Pauthe, E. Potier, H. Petite. <i>Enzyme controlled, nutritive hydrogel for mesenchymal stromal cells survival and paracrine functions.</i> ETRS (European Tissue Repair Society) Annual Meeting 2022, Lyon, France - September 15-17, 2022.
2022	73	R. Landon, G. Pavon-Djavid, F. Anagnostou. <i>Impact of diabetic microenvironment on mesenchymal stromal cells and therapeutic potential of antioxidant.</i> Journées scientifiques IMOA (Institut des maladies ostéo-articulaires), Paris, France - June 16, 2022.
2022	74	S. Schoffit, C. Garot, P. Machillot, J. Vial, H. Ghanem, H. El Hafci, G. Bettiga, C. Picart, D. Logeart-Avramoglou, M. Manassero, V. Viateau. <i>Bone regeneration of a critical-sized defect in sheep with a 3D printed scaffold combined with low-dose BMP-2.</i> TERMIS (Tissue Engineering and Regenerative Medicine International Society) EU chapter, Krakow, Poland - June 28 - July 1, 2022.
2022	75	Z. Shen, J-D. Laredo, N. Loménié, C. Chappard. <i>Deep learning on knee CT scans from osteoarthritis patients for joint assessment.</i> SITIS (International Conference on signal image technology and internet-based system) 2022, Dijon, France - October 19-21, 2022.

Clinics

Year	#	Publication
2017	1	A. Fournet, JF. Boursier, S. Corbeau, A. Decambron, V. Viateau, P. Fayolle, AS. Bedu, D. Leperlier, M. Manassero. <i>Complications and outcome after proximal ulnar fracture repair. A retrospective study in dogs and cats.</i> <i>Veterinary and Comparative Orthopaedic Traumatology.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Edinburg, Scotland - July 13-15, 2017.

Document d'autoévaluation des unités de recherche

2017	2	J. Beguin, M. Manassero , M. Faucher, V. Freiche. <i>Acquired oesophageal strictures : balloon dilatation or stenting? Outcome and complications in 24 dogs and cats (2002-2017)</i> . ECVIM-CA Congress (European College of Veterinary Medicine), St Julian's, Malta - September 14-16, 2017.
2017	3	J. Bellity, D. Petrover, R. Nizard . <i>Intérêt de l'échographie dans le diagnostic préopératoire des variantes anatomiques du canal carpien</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 6-9, 2017.
2017	4	J-F. Boursier, A. Fournet, J. Bassanino, M. Manassero , A-S. Bedu, D. Leperlier. <i>Comparison of the accuracy of percutaneous manual palpation and ultrasound for the identification of a thoracolumbar intervertebral disc space in a canine cadaver model</i> . EAVDI (European Association of Veterinary Diagnostic imaging) congress, Oxford, England - 2017.
2017	5	M. Bachy , F. Fitoussi. <i>Induced membrane techniques in children</i> . European Symposium on Pediatric Hand Surgery and Rehabilitation, Paris, France - June 16, 2017.
2017	6	M. Liotard Garcia, M. Manassero , M. Canonne-Guibert, V. Fabres, M. Menard, G. Benchekroun, C. Maurey. <i>Evolution of ionised calcium concentration over time in cats with ureteral obstruction : 39 cases</i> . ECVIM-CA Congress (European College of Veterinary Medicine), St Julian's, Malta - September 14-16, 2017.
2017	7	P. Bizot , X. Buisson. <i>Features of ceramic-on-ceramic THR revisions</i> . International Hip Society closed meeting, London, UK - September 6-9, 2017.
2017	8	P. Bizot . <i>Traitements chirurgicaux de la gonarthrose (hors prothèse)</i> . Journées Annuelles du centre Viggo Petersen, Paris, France - April 5-6, 2017.
2018	9	E. Gibon , JP. Courpied, M. Hamadouche . <i>Acetabular Revision using the Kerboul Device for Paprosky Type III Acetabular Defect: A Liminum 5-year follow-up study</i> . WAC (World Arthroplasty Congress), Rome, Italy - April 19-21, 2018.
2018	10	A. Decambron , E. Maurice , A. Fournet, P. Moissonnier, M. Manassero , V. Viateau . <i>Traitement chirurgical des fentes palatines congénitales par lambeau d'inversion chez le chien : étude rétrospective sur 11 cas (2007-2017)</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2018 congress, Marseille, France - November 29-December 1, 2018.
2018	11	A. Fournet, M. Manassero , A. Decambron , V. Viateau . <i>Needle Arthroscopy for Shoulder Joint Exploration. A Cadaveric Study in Dogs</i> . Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Athena, Greece - July 5-7, 2018.
2018	12	A. Weinberg, P. Journeau, M. Ramachandran, M. Bachy . <i>Lunch Symposium OrthoPaediatrics Open fractures in children</i> . EPOS (European Paediatric Orthopaedic Society) Annual Meeting, Oslo, Norway - April 11-14, 2018.
2018	13	B. Dekerte, C. Maurey, A. Decambron , A. Fournet, M. Menard, V. Fabres, G. Benchekroun, M. Manassero . <i>Traitement chirurgical de l'ectopie urétérale chez le chien : étude rétrospective sur 24 cas entre 2010 et 2017</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2018 congress, Marseille, France - November 29-December 1, 2018.
2018	14	E. Maurice , A. Fournet, A. Decambron , M. Moissonnier, M. Manassero , V. Viateau . <i>Surgical repair of congenital clefts palates in dogs with an overlapping technique : a retrospective study of 11 cases (2007-2017)</i> . Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Athena, Greece - July 5-7, 2018.
2018	15	J. Beguin, M. Manassero , M. Faucher, V. Freiche. <i>Sténose oesophagienne acquise : gestion par dilatation ou pose de stent ? Résultats et complications pour 23 chiens et chats (2002-2017)</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2018 congress, Marseille, France - November 29-December 1, 2018.
2018	16	L. Abane, A. Zaoui, A. Anrac, N. Lefevre, S. Herman, M. Hamadouche . <i>Can a Single-Use and Patient-Specific Instrumentation Be Reliably Used in Primary Total Knee Arthroplasty? A Multicenter Controlled Study</i> . Congress of the EFORT (European Federation of National Associations of Orthopaedics and Traumatology), Barcelona, Spain - May 30 - June 1, 2018.
2018	17	L. Sedel , P. Bizot , G. Odri, J.D. Laredo , J.M. Sverzut. <i>Determination of total hip prosthesis stability related success: The role of load bearing surfaces on hip capsule thickness</i> . ISTA (International Society for Technology in Arthroplasty) London, UK - October 10-13, 2018.
2018	18	M. Laugier, M. Manou, M. Manassero , L. Desquibet, P. Moissonnier. <i>La résection tête-col fémorale chez les chats et chiens : Évaluation radiographique de la qualité de l'excision en association potentielle avec la récupération fonctionnelle. Étude rétrospective</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2018 congress, Marseille, France - November 29-December 1, 2018.
2018	19	M. Manassero , B. Dekerte, A. Fournet, A. Decambron , M. Menard, V. Fabres, G. Benchekroun, V. Viateau , C. Maurey. <i>Traitement endoluminal endoscopique au laser de l'ectopie urétérale chez la chienne : étude rétrospective sur 6 chiens</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2018 congress, Marseille, France - November 29-December 1, 2018.
2018	20	M. Manou, M. Laugier, M. Manassero , L. Desquibet, P. Moissonnier. <i>Femoral head and neck excision in the dog and cat : Radiographic evaluation of the quality of the excision and correlation to clinical outcomes. A retrospective study</i> . Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Athena, Greece - July 5-7, 2018.
2018	21	P. Bizot . <i>Ceramic-on-ceramic Dual Mobility cup : Caution</i> . Journées Serf-Dedienne, Lausanne, Switzerland - September 15, 2018.
2018	22	P. Bizot . <i>Comment gérer les échecs mécaniques ou infectieux après prise en charge d'une IOA sur prothèse ? Traitement chirurgical de seconde ligne</i> . Journées Régionales des Infections Ostéoarticulaires de l'Île de France, Paris, France - 2018.

2018	23	P. Bizot. <i>Maladies Osseuse Constitutionnelles : La place de la chirurgie.</i> Réunion InterMOC, Institut Imagine, Paris, France - December 3, 2018.
2018	24	T. Gregory, S. Marmor, P. Anract, M. H. Fessy, E. de Thomasson, P. Hardy, E. Vandebussche, C. Court, P. Guigui, I. Colombet, R. Nizard , G. Chatellier. <i>Qualité des pratiques en chirurgie de prothèse totale de hanche: évaluation multicentrique d'indicateurs cliniques et leur association aux volumes d'activité.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 12-15, 2018.
2018	25	V. Teissier , S. SchianoLomoriello, R. Leclercq, R. Nizard , H. Portier. <i>Effets de l'apport d'un travail musculaire excentrique intégré dans la rééducation précoce après arthroplastie totale de genou : étude préliminaire.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 12-15, 2018.
2018	26	V. Teissier , D. Biau, M. Hamadouche , A. Barberousse, D. Talon, P. Anract. <i>Influence des guides de coupes sur mesure et des ancillaires jetables sur les temps au bloc opératoire et en stérilisation lors de la réalisation des prothèses totales de genou.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 12-15, 2018.
2019	27	A. Dos Santos, A. Zaoui, L. Abane, P. Anract, M. Hamadouche. <i>Prothèse totale de genou bilatérale en deux temps avec instrumentation conventionnelle versus guides de coupe personnalisés : quel genou les patients préfèrent ?</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	28	A. Dos Santos, A. Zaoui, L. Abane, P. Anract, M. Hamadouche. <i>Two-stage bilateral primary TKA using conventional versus patient-specific instrumentation: which knee do patients prefer?</i> EKS (European Knee Society) Arthroplasty Conference, Valencia, Spain - May 2-3, 2019.
2019	29	A. Founet, A. Ceccaldi-Delorme, M. Manou, A. Decambron , E. Maurice , V. Viateau , M. Manassero. <i>Comparison of different suture needle, type and pattern on initial intestinal leakage pressure after enterotomy closure: an experimental study in pigs.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Budapest, Hungary - July 4-6, 2019.
2019	30	B. Dekerle, E. Maurice , A. Founet, A. Decambron , C. Maurey, G. Benckekroun, M. Canonne-Guibert, V. Viateau , M. Manassero. <i>Surgical treatment of ectopic ureters and ureteroceles in dogs: retrospective study of 35 cases between 2010 and 2018.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Budapest, Hungary - July 4-6, 2019.
2019	31	C. Pioger, R. Nizard , R. Simon, J. Bellity. <i>Retour au golf après prothèse totale de genou: évaluation des pratiques et du niveau de jeu à 2 ans de recul minimum.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	32	E. Garcia-Rey, P. Bizot , E. Garcia-Cimbrello. <i>Arthroplastie totale de hanche céramique-céramique sans ciment chez le sujet jeune : Les conditions locales préopératoires affectent-elles les résultats à long terme ?</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	33	G. Odri, P. Bizot , J-D. Laredo , L. Sedel. <i>Les tissus périprothétiques après prothèses totales de hanche sont différents selon les matériaux impliqués. Etude en IRM chez des patient opérés.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	34	J-C. Aurégan , T. Bégué, C. Bossier, M. Bensidhoum , T. Hoc. <i>Estimation des propriétés mécaniques du col fémoral ostéoporotique à partir de la surface cutanée : étude expérimentale.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	35	L. Abane, A. Zaoui, A. Anrac, N. Lefevre, S. Herman, M. Hamadouche. <i>Can a Single-Use and Patient-Specific Instrumentation Be Reliably Used in Primary Total Knee Arthroplasty? A Multicenter Controlled Study.</i> EKS (European Knee Society) Arthroplasty Conference, Valencia, Spain - May 2-3, 2019.
2019	36	M Belas, P. Bizot. <i>Prothèse totale de hanche après échec d'ostéosynthèse de fracture du fémur proximal : comparaison des fractures intra et extra-capsulaires.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	37	M. Belas, P. Bizot. <i>Prothèse totale de hanche après fracture intra-capsulaire du fémur proximal : comparaison des PTH de première intention et après échec d'ostéosynthèse.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	38	M. Tyczynski, T. Begue, C. Dana, J-C. Aurégan. <i>Lambeau neuro-fascial sural à pédicule proximal comme interface après résection itérative d'une synostose tibio- fibulaire distale : case report.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 9-11, 2020.
2019	39	N. de l'Escalopier, V. Dumaine, G. Auberger, A. Babinet, J.P. Courpied, P. Anract, M. Hamadouche. <i>Analyse de la survie à moyen terme des cupules à double mobilité dans les reprises de prothèse totale de hanche pour instabilité comparativement aux autres indications.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	40	P. Bizot , A.L. Munier, G. Odri. <i>Infections des prothèses articulaires.</i> Journées Annuelles du centre Viggo Petersen, Paris, France - April 4-5, 2019.
2019	41	P. Bizot. <i>Résultats à long terme : céramique d'alumine. Table ronde : Couple CoC dans les arthroplasties totales de hanche.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.

Document d'autoévaluation des unités de recherche

2019	42	R. Dukan, E. Krief, Q. Daffos, R. Nizard . <i>Evaluation radioclinique des fractures du radius distal ostéosynthésées par plaque verrouillée antérieure sous WALANT</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2020	43	P. Laboudie, L. Kerboull, P. Anract, M. Hamadouche . <i>Migration d'une pièce fémorale Chamley-Kerboull cimentée raccourcie versus longueur standard : étude à 2 ans minimum de recul selon la méthode EBRA-FCA</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2020	44	B. Dekerle, A. Fournet, A. Decambron, E. Maurice, V. Viateau , C. Maurey, M. Manassero . <i>Suivi à long terme de ruptures urétérales proximales traumatiques associées à un pseudokyste paraurétéral chez le chat : étude sur 5 cas</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2020 congress, e-congrès - December 10-12, 2020.
2020	45	B. Dekerle, E. Maurice , C. Drujon, A. Fournet, A. Decambron , P. Moissonnier, V. Viateau , V. Freiche, M. Manassero . <i>Traitement de lésions antrales, pyloriques ou duodénales bénignes chez 4 chiens et 2 chats par pyloroplastie de Finney ou de Jaboulay</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2020 congress, e-congrès - December 10-12, 2020.
2020	46	P. Bizoň . <i>Alumina-on-alumina THA in young patients at very long term</i> . EHS (European Hip Society) & SECCA (Sociedad Espanola de Cirugia de Cadera), Madrid, Spain - January 29, 2020.
2020	47	P. Bizoň . <i>Kerboull plate in revision acetabular surgery</i> . EHS (European Hip Society) & SECCA (Sociedad Espanola de Cirugia de Cadera), Madrid, Spain - January 29, 2020.
2020	48	P. Garnier, B. Dekerle, A. Decambron, E. Maurice, T. Godineau, V. Viateau, M. Manassero . <i>Hernie périnéale traumatique avec rétroflexion vésicale chez une chatte européenne stérilisée</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2020 congress, e-congrès - December 10-12, 2020.
2020	49	S. Schoffit, M. Manassero , I. Valin, F. Delisle, F. Allard, P. Devauchelle, C. Maurey, P. de Fornel. <i>Traitement chez le chien du carcinome urothélial par radiothérapie peropératoire : étude rétrospective sur 16 cas des années 2014 à 2019</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2020 congress, e-congrès - December 10-12, 2020.
2020	50	T. Meric, A. Sultier, A. Bogey-Lambert, A. Blavier, C. Nelaton, M. Manassero , G. Benchekrone, C. Maurey. <i>Étude rétrospective de la lithiase cystinique chez le chien en France</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2020 congress, e-congrès - December 10-12, 2020.
2021	51	S. Nicoules , A. Zaoui, S. El Hage, J. Scemama, J. Langlois, J.P. Courpied, M. Hamadouche . <i>Etude prospective randomisée comparant Oxinium versus métal sur polyéthylène conventionnel et hautement réticulé à 10 ans de recul minimum dans l'arthroplastie totale de hache</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 9-11, 2021.
2021	52	B. Dekerle, A. Fournet, A. Decambron, E. Maurice, V. Viateau , C. Maurey, M. Manassero . <i>Long-term Outcome of Traumatic Ureteral Rupture Associated with Paraureteral Pseudocyst in Cats: a Report of 5 Cases</i> . Annual Scientific meeting of the SVTS (Society of Veterinray Soft Tissue Surgery), E-congrès - June 3-5, 2021.
2021	53	B. Dekerle, P. Garnier, M. Manassero . <i>Traitement d'un chylothorax idiopathique par ligature du canal thoracique et ablation de la citerne du chyle via un abord unique rétrocostal chez 2 chats</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2021, Bordeaux, France - November 25-27, 2021.
2021	54	B. Dekerle, V. Fabres, G. Benchekrone, E. Maurice, M. Manassero . <i>Suivi à long-terme du traitement d'un kyste rénal simple juvénile chez un chien par résection, fulguration et omentalisation sous coelioscopie</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2021, Bordeaux, France - November 25-27, 2021.
2021	55	C. Pignon, L. Severac, M. Manassero . <i>Description of a new technique of laparoscopic ovariohysterectomy with a morcellator in the female rabbit (Oryctolagus cuniculus)</i> . ExoticsCon 2021, Nashville, USA - July 28- August 2, 2021.
2021	56	D. Pichard, C. Maurey, E. Reyes-Gomez, M. Manassero . <i>Un cas de malacoplasie vésicale : enjeux diagnostiques et thérapeutiques</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2021, Bordeaux, France - November 25-27, 2021.
2021	57	F. Dariz, E. Boudet, M. Manassero, A. Decambron , L. Desquilbet ; V. Freiche, G. Benchekrone. <i>Short-term survival and associated factors after surgical intestinal biopsies in cats with chronic enteropathy</i> . 31th ECVIM-CA Congress (European College of Veterinary Medicine), Online congress - September 1-4, 2021.
2021	58	F. Dariz, M. Guede, M. Manassero , C. Maurey. <i>Incontinence urinaire non neurogène chez le chat : étude rétrospective de 61 cas</i> . AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2021, Bordeaux, France - November 25-27, 2021.
2021	59	M. Bachy , L. Bellity, F. Fitoussi. <i>Histopathological nerve assessment in Neonatal Brachial Plexus Palsy</i> . Pediatric Brachial Plexus Revisited, Leon, Spain - November 19-20, 2021.
2021	60	M. Bachy , M. Tadley, S. Kozin, S. Trehan, A. Daluiski, D. Zlotolow. <i>Planification 3D et Guides de Coupe sur mesure : un « outil » nécessaire dans le traitement chirurgical des déformations de Madelung sévères</i> . Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 9-11, 2021.
2021	61	M. Bachy . <i>Technologies CAOS : What benefits are expected/demonstrated for the patient?</i> Pediatrics. Journées CAOS 2021, 100% virtuel-VirBELA - June 25-26, 2021.
2021	62	P Bizoň . <i>Ceramic on ceramic in young patients</i> . XXV international course on osteoarticular reconstructive surgery, Madrid, Spain - November 25-26, 2021.

2021	63	P Bizot. <i>Disposable instruments. True progress or passing fad? Benefits versus pitfalls. The balance sheet.</i> International Meeting of the United European Academy, Basel, Switzerland - October 8-9, 2021.
2021	64	P Bizot. <i>Had CoC bearing gone out fashion? I still always use CoC bearing.</i> International Meeting of the United European Academy, Basel, Switzerland - October 8-9, 2021.
2021	65	P Bizot. <i>Kerboull ring in revision acetabular surgery.</i> XXV international course on osteoarticular reconstructive surgery, Madrid, Spain - November 25-26, 2021.
2021	66	P Bizot. <i>The place for surgery in the treatment of hypophosphatemic Rickets in adult.</i> ECTS (European Calcified Tissue Society) Congress, Digital - May 6-8, 2021.
2021	67	P. Bizot, T. Kavakelis, G. Odri. <i>Features of ceramic-on-ceramic socket loosening.</i> International Hip Society closed meeting, Berlin, Germany - November 3-5, 2021.
2021	68	P. Bizot, T. Kavakelis, G. Odri. <i>Particularités du descellement cotyloïdien des prothèses totales de hanche céramique-céramique.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 9-11, 2021.
2021	69	P. Colombe, M. Manassero, S. Blot, M. Kurtz, N. Vancaenegem, G. Benchekroun. <i>Un cas d'érythrocytose paranéoplasique.</i> AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2021, Bordeaux, France - November 25-27, 2021.
2021	70	P. Garnier, B. Dekerle, A. Decambron, T. Godineau, J. Vial, E. Maurice, V. Viateau, M. Manassero. <i>Proximal perineal urethrostomy in 11 cats : technique and short-term outcome.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), online e-congress - July 8-10, 2021.
2021	71	P. Garnier, B. Dekerle, E. Maurice, J. Vial, T. Godineau, A. Decambron, V. Viateau, C. Maurey, M. Manassero. <i>Urétrostomie périnéale proximale chez 11 chats : technique et suivi à court et long terme.</i> AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2021, Bordeaux, France - November 25-27, 2021.
2021	72	P. Garnier, F. Gollain, B. Dekerle, E. Maurice, J. Vial, T. Godineau, A. Decambron, V. Viateau, C. Maurey, M. Manassero. <i>Urétrostomie périnéale modifiée chez le chat : résultats et complications chez 229 cas.</i> AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2021, Bordeaux, France - November 25-27, 2021.
2022	73	M. Bachy. <i>Physiopathology and Serial Casting of Elbow Contracture.</i> International Mediterranean symposium, Marseille, France - October 21-22, 2022.
2022	74	E. Maurice, B. Dekerle, A. Fournet, P. de Fomel, M. Manassero. <i>Prise en charge et suivi au long terme d'un lipome infiltrant entrainant le nerf ulnaire chez un chien jeune adulte.</i> AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2022, Marseille, France - December 1-3, 2022.
2022	75	M. Bachy. <i>SAN VS C5 Root Grafting for SSN reconstruction in NBPP a minimum 10 yr follow up.</i> Palliative Surgery after obstetrical paralysis, Barcelona, Spain - November 4-5, 2022.
2022	76	P. Garnier, B. Dekerle, E. Maurice, J. Vial, M. Manassero, V. Viateau. <i>Nanoscopy for elbow joint exploration in dogs: a cadaveric study and small clinical case series.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Porto, Portugal - July 7-9, 2022.
2022	77	S. Manzoni, M. Santos, A. Leveugle, B. Dekerle, P. Garnier, E. Maurice, A. Decambron, J. Mortier, M. Manassero, V. Viateau. <i>Intérêt de la planification guidée par le scanner dans la prise en charge chirurgicale des abcès et fistules de la tête et du cou: résultats à long terme chez 39 chiens.</i> AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2022, Marseille, France - December 1-3, 2022.

Posters in national and international congress

Research

Year	#	Publication
2017	1	A. Moya, N. Larochette, J. Paquet, M. Deschepper, M. Bensidhoum, H. Petite, D. Logeart-Avramoglou. <i>Quiescent Preconditioned Human Multipotent Stromal Cells Adopt a Metabolic Profile Favorable for Enhanced Survival Under Ischemia.</i> TERMIS (Tissue Engineering and Regenerative Medicine International Society) EU chapter, Davos, Switzerland - June 26-30, 2017.
2017	2	C. Denoeud, J. Paquet, J. Boisselier, P. Becquart, M. Barbosa, E. Lefebvre, V. Larreta-Garde, E. Pauthe, H. Petite. <i>Glucose delivery system based-hydrogel composite scaffold for enhancing MSC survival and functionality.</i> Réunion annuelle AVIESAN (Alliance pour les Sciences de la Vie et de la Santé), Lyon, France - November 2017.
2017	3	H. Mezlini-Gharsallah, R. Youssef, J-D. Laredo, C. Chappard. <i>Three dimensional mapping of the joint space for the diagnosis of osteoarthritis based on high resolution computed tomography: a multiscale analysis.</i> JFBTM (Journées Françaises de Biologie des Tissus minéralisées) 2017, Lyon, France - May 18-20, 2017.
2018	4	A. Leroux, E. Maurice, V. Viateau, V. Migonney. <i>Study of different poly(ϵ-caprolactone) prototypes for anterior cruciate ligament reconstruction in rat model.</i> TERMIS (Tissue Engineering and Regenerative Medicine International Society) World Congress, Kyoto, Japan - September 4-7, 2018.

2018	5	A. Sheidaei, F. Nosouhi, M. Baniassadi, D. George, C. Chappard . <i>Statistical reconstruction of bone microstructures to study osteoporosis</i> . World Congress on Computational Mechanics - Pan American Congress on Computational Mechanics, New-York, USA - July 22-27, 2018.
2018	6	A.M. Diallo, C. Denoeud, H. El-Hafci, E. Pauthe, H. Petite, M. Bensidhoum, F. Anagnostou . <i>Injectable allograft enhances vertical bone augmentation in rat calvarium</i> . IADR (Internal Association for Dental Research) General Session, London, United-Kingdom - July 23-25, 2018.
2018	7	A.M. Diallo, C. Denoeud, H. El-Hafci, M.H. Benoit, E. Pauthe, H. Petite, M. Bensidhoum, F. Anagnostou . <i>Osteoconductivity of an injectable allograft in critical-size rat calvarial defects</i> . IADR (Internal Association for Dental Research) General Session, London, United-Kingdom - July 23-25, 2018.
2018	8	C. Denoeud, J. Paquet, J. Boisselier, P. Becquart, A. Moya, A. Diallo, M. Barbosa, S. Marinesco, A. Meiller, E. Lefebvre, V. Larreta-Garde, E. Pauthe, E. Potier, H. Petite . <i>Enzyme controlled starch-based hydrogel for mesenchymal stem cell survival and paracrine functions</i> . Congrès Européen du pôle de médecine régénératrice (BIOREGATE), Nantes, France - December 12-14, 2018.
2018	9	G. Milton, K. Engelke, J-D. Laredo, C. Chappard . <i>Cartilage and subchondral bone analyses across the tibia in human osteoarthritic knee versus normal knee: a micro-CT study</i> . IOWA (International Workshop on Osteoarthritis Imaging) 2018, Menton, France - July 5-8, 2018.
2018	10	N. Larochette, M. Bourguignon, H. El-Hafci, H. Petite, D. Logeart-Avramoglou . <i>Evaluation of an osteogenic hmsc secreted extracellular matrix as a platform for BMP-2 delivery</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés) 2018, Monaco, Monaco - March 21-23, 2018.
2019	11	A.M. Diallo, C. Denoeud, H. El-Hafci, E. Pauthe, H. Petite, M. Bensidhoum, F. Anagnostou . <i>Evaluation du potentiel ostéoconducteur d'une matrice osseuse allogénique partiellement déminéralisée dans des défauts de différentes tailles au niveau de la calvaria de rat</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés), Boulogne-sur-mer, France - June 5-7, 2019.
2019	12	C. Bourzac, M. Bensidhoum, C. Jaffré, S. Pallu, H. Portier . <i>Effects of running exercises on bone microarchitecture and metabolism in male Wistar rats</i> . European College of Sport Science (ECSS) Congress, Prague, Czech Republic - July 3-6, 2019.
2019	13	C. Bourzac, M. Bensidhoum, M. Manassero, S. Pallu, H. Portier . <i>Running-exercise conditioning improves the healing of non-critical size bone defects in male Wistar rats</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés), Boulogne-sur-mer, France - June 5-7, 2019.
2019	14	C. Denoeud, J. Paquet, J. Boisselier, P. Becquart, M. Barbosa, A. Moya, S. Marinesco, A. Meiller, V. Larreta-Garde, E. Pauthe, E. Potier, H. Petite . <i>Enzyme-controlled, starch-based hydrogels for mesenchymal stromal cell survival and paracrine functions</i> . ORS (Orthopaedic Research Society) 2019 Annual Meeting, Austin, United States - February 2-5, 2019.
2019	15	H. Felgueiras, V. Viateau, M. Manassero, A. El Mghir, A-C. Crémieux, D. Blanquaert, V. Migonney . <i>Bioactive TiAl6V alloy improves bone bonding and prevents bacterial infection : THP application</i> . ORS (Orthopaedic Research Society) 2017 Annual Meeting, San Diego, United States - March 19-22, 2017.
2019	16	M. Roquart, N. Golse, E. Vibert, M. Manassero, S. Norvez, L. Corté . <i>Design of bioadhesive membranes</i> . BioMAT-MATSAN Congress, La Grande Motte, France - June 3-7, 2019.
2019	17	M. Roquart, R. Michel, N. Golse, E. Vibert, V. Viateau, M. Manassero, S. Norvez, L. Corté . <i>Revêtement de membranes hydrogels pour la conception d'adhésifs chirurgicaux</i> . JADH (Journées d'Étude sur l'Adhésion), Annecy, France - December 2-6, 2019.
2019	18	N. Larochette, M. Bourguignon, H. El-Hafci, H. Petite, D. Logeart-Avramoglou . <i>Evaluation of an osteogenic hmsc secreted extracellular matrix as a platform for BMP-2 delivery</i> . Herbert Fleish Workshop, Brugge, Belgium - March 17-19, 2019.
2019	19	V. Tessier, M. Bensidhoum, H. Petite, M. Hamadouche . <i>Oxidized UHMWPE Particles Induce More Inflammation Compared to Virgin UHMWPE Particles in a Murine Model</i> . ORS (Orthopaedic Research Society) 2019 Annual Meeting, Austin, United States - February 2-5, 2019.
2020	20	G. Luo, C. Denoeud, N. Larochette, E. Potier, H. Petite . <i>Glucose promotes mesenchymal stem cell paracrine functions pertinent to angiogenesis by regulating unfolded protein response</i> . ECTS (European Calcified Tissue Society) Congress, Digital - October 22-24, 2020.
2020	21	G. Luo, C. Denoeud, N. Larochette, E. Potier, H. Petite . <i>Glucose promotes mesenchymal stem cell paracrine functions pertinent to angiogenesis by regulating unfolded protein response</i> . ISSCR (International Society for Stem Cell Research) The Global Stem Cell Event, Virtual - June 23-27, 2020.
2020	22	G. Luo, C. Denoeud, N. Larochette, E. Potier, H. Petite . <i>Mesenchymal stem cell survival in near-anoxia and functions pertinent to angiogenesis rely on the presence of glucose</i> . ORS (Orthopaedic Research Society) 2020 Annual Meeting, Phoenix, United States - February 8-11, 2020.
2020	23	N. Raddi, L. Coquelin, L. Vidal, S. Zazou, G. Windels, M. Mebarki, M. Manassero, H. Rouard, N. Chevallier . <i>Bone potential heterogeneity in hBMSCs is associated with their immunomodulatory capacity</i> . ECTS (European Calcified Tissue Society) Congress, Digital - October 22-24, 2020.
2021	24	C. Denoeud, G. Luo, J. Paquet, J. Boisselier, A. Gand, A. Moya, A. Diallo, S. Marinesco, A. Meiller, P. Becquart, H. Moussi, J. Vilquin, V. Larreta-Garde, E. Pauthe, E. Potier, H. Petite . <i>Enzyme-controlled, nutritive hydrogel for mesenchymal stromal cell survival and paracrine functions</i> . International Congress on Biomaterials & Biosensors BIOMATSSEN, Mugla, Turkey - October 17-23, 2021.
2021	25	C. Garrot, J. Vial, P. Machillot, A. Decambon, D. Logeart-Avramoglou, J. Vollaire, V. Josserand, E. Maurice, V. Viateau, M. Manassero, G. Bettega, C. Picart . <i>Influence of scaffold geometry on BMP-2 incorporation and in vivo bone regeneration</i> . Virtual ESB congress (European Society for Biomaterials), Porto, Portugal - September 5-9, 2021.

2021	26	E. Maurice , A. Rangel, T. Godineau , J. Vial , A. Leroux, H. El Hafci , M. Manassero , M. Vandesteene, V. Migonney, V. Viateau . <i>The effect of pNaSS grafting of knitted poly(ϵ-caprolactone) synthetic ligaments on in vitro mineralization and in vivo bone tissue integration</i> . Virtual ESB congress (European Society for Biomaterials), Porto, Portugal - September 5-9, 2021.
2021	27	G. Luo , C. Denoeud , N. Larochette , P. Wosinski , E. Potier , H. Petite . <i>Glucose enhances transplanted mesenchymal stromal cells survival and functions pertinent to angiogenesis</i> . International Congress on Biomaterials & Biosensors BIOMATSEN, Mugla, Turkey - October 17-23, 2021.
2021	28	P. Germain, A. Germain, C. Bourzac , C. Pichon, H. Portier , S. Pallu . <i>Localisation of bone marrow cells implied in transcriptional FHL2 factor synthesis after running</i> . European College of Sport Science (ECSS) Congress, Virtual - September 8-10, 2021.
2022	29	A. Dia, G. Renaud, C. Chappard , Q. Grimal. <i>Ex-vivo estimation of thickness and wave speed in cortical bone using ultrasound imaging</i> . IEEE International Ultrasonics Symposium (IUS), Venice, Italy - October 10-13, 2022.
2022	30	A. Frayssinet, E. Potier , G. Mosser, C. Héлары. <i>Tuning the Physical Properties of Collagen/Hyaluronan Hydrogels to favor Mesenchymal Stem Cells Differentiation into NP Cells: A Step forwards Intervertebral Disc Regeneration</i> . ESB (European Society for Biomaterials), Bordeaux, France - September 4-8, 2022.
2022	31	A. Villard , B. Charbonnier, M. Maroquenne , G. Xian , D. Marchat, H. Petite , M. Bensedhoum , D. Logeart-Avramoglou , E. Potier . <i>Influence of Bioceramic Scaffold Macro-Architecture on Loaded Mesenchymal Stromal Cell Viability and Local Inflammation in a Rat Subcutaneous Model</i> . ESB (European Society for Biomaterials), Bordeaux, France - September 4-8, 2022.
2022	32	A. Villard , M. Maroquenne , B. Charbonnier, D. Marchat, H. Petite , D. Logeart-Avramoglou , E. Potier . <i>Influence of bioceramic scaffold macro-architecture of loaded mesenchymal stromal cell viability and local inflammation upon implantation</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés) 2022, La Baule-Escoblac, France - April 27-29, 2022.
2022	33	C. Denoeud , G. Luo , P. Wosinski , J. Boisselier, A. Moya , S. Marinesco, A. Meiller, H. Moussi , J-T. Vilquin, D. Logeart-Avramoglou , A. Gand, V. Lareta-Garde, E. Pauthe, E. Potier , H. Petite . <i>Hydrogel délivrant du glucose pour améliorer la survie et la fonctionnalité paracrine des cellules stromales mésenchymateuses humaines in vivo</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés) 2022, La Baule-Escoblac, France - April 27-29, 2022.
2022	34	C. Garcelon, C. Olivier, J-F. Abascal, P. Douek, F. Peyrin, C. Chappard . <i>Cartilage Thickness Measurements from Photo-Counting Spectral Computed Tomography Images Compared With Synchrotron Radiation Computed Tomography</i> . Journées RITS (Recherche en Imagerie et Technologies pour la Santé) 2022, Brest, France - May 22-25, 2022.
2022	35	E. Maurice , J. Vial , T. Godineau , H. El Hafci , S. Persohn, L. Reis Rangel, V. Migonney, M. Manassero , V. Viateau . <i>A new biodegradable synthetic ligament for cranial cruciate ligament augmentation in an ovine model: Histological and biomechanical study</i> . Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Porto, Portugal - July 7-9, 2022.
2022	36	G. Xian , B. Charbonnier, M. Bensedhoum , E. Potier , D. Marchat, D. Logeart-Avramoglou . <i>Influence of porosity of gyroid-structured implants on bone and vascular ingrowth in rat calvarial defect</i> . ESB (European Society for Biomaterials), Bordeaux, France - September 4-8, 2022.
2022	37	M. Maroquenne , M. Bourguignon , N. Larochette , H. El-Hafci , E. Potier , D. Logeart-Avramoglou . <i>The inferior in vivo osteogenicity of human MSC from adipose tissue compared to bone marrow is correlated with higher immune response within tissue engineered constructs</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés) 2022, La Baule-Escoblac, France - April 27-29, 2022.
2022	38	M. Padrona , H. El-Hafci , M. Maroquenne , H. Petite , E. Potier . <i>Impact Of Glucose Depletion On The Nucleus Pulposus Homeostasis</i> . 2022 ISSLS (International Society for the Study of the Lumbar Spine) Annual Meeting, Boston, United States - May 9-13, 2022.
2022	39	M. Padrona , M. Maroquenne , H. El-Hafci , H. Petite , E. Potier . <i>Impact Of Glucose Depletion On The Nucleus Pulposus Homeostasis</i> . ORS (Orthopaedic Research Society) 2022 Annual Meeting, Tampa, USA - 4-8 February, 2022.
2022	40	M. Padrona , M. Maroquenne , H. El-Hafci , H. Petite , E. Potier . <i>Rôle du glucose dans l'homéostasie du nucleus pulposus dans le cadre de la dégénérescence discale</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés) 2022, La Baule-Escoblac, France - April 27-29, 2022.
2022	41	R. Landon , M. Desbord, L. Babinet , A.M. Diallo , N. Larochette , H. El-Hafci , J. Soulié, C. Combes, F. Anagnostou . <i>Etude du potentiel ostéogène d'un nouveau verre à base de pyrophosphate dans les défauts de taille critique de la calvaria de rat</i> . JFBTM (Journées Françaises de Biologie des Tissus Minéralisés) 2022, La Baule-Escoblac, France - April 27-29, 2022.
2022	42	R. Landon , M. Desbord, L. Babinet , A.M. Diallo , N. Larochette , H. El-Hafci , J. Soulié, C. Combes, F. Anagnostou . <i>Osteoformation potential of a new pyrophosphate-based glass in critical-size defects in the rat calvarium</i> . TERMIS (Tissue Engineering and Regenerative Medicine International Society) European Chapter 2022 meeting, Krakow, Poland - June 28 - July 1, 2022.
2022	43	R. Landon , M. Desbord, R. Siadous, A.M. Diallo , N. Larochette , H. El-Hafci , J. Soulié, J. Amédée, C. Combes, F. Anagnostou . <i>New amorphous calcium ortho-/pyrophosphate biomaterial promotes bone repair of critical-sized calvarial defects in rat</i> . ESB (European Society for Biomaterials), Bordeaux, France - September 4-8, 2022.
2022	44	R. Wazzani , C. Bourzac , H. El-Hafci , S. Ahmaidi, S. Pallu , C. Jaffré , H. Portier . <i>Effects of intermittent, continuous, and mixed running exercise on femoral bone quality parameters in rats</i> . Annual Congress of the European College of Sport Science, Sevilla, Spain - August 30- September 2, 2022.
2022	45	R. Wazzani , C. Bourzac , S. Pallu , H. El-Hafci , S. Krim , S. Ahmaidi, H. Portier , C. Jaffré . <i>"Mixed exercise", an activity combining intermittent and continuous running: a new approach for bone health</i> . ECTS (European Calcified Tissue Society) Congress, Helsinki, Finland - May 7-10, 2022.

2022	46	R. Landon, J. Ribot, G. Frescaline, G. Pavon-Djavid, F. Anagnostou. <i>Advanced Glycation End Products impact on select functions of rat mesenchymal stromal cells harvested from non-diabetic and diabetic rats.</i> JFBTM (Journées Françaises de Biologie des Tissus Minéralisés) 2022, La Baule-Escoublac, France - April 27-29, 2022.
2022	47	Z. Xiong, L. Rouquier, E. Potier, M. Bachy-Razzouk, X. Huang, M. Bensidhoum, T. Hoc. <i>Local mechanical properties in bone allografts correlate with ellipsoid factor.</i> Journées du GDR MÉCABIO Santé, Paris, France - November 30 - December 2, 2022.

Clinics

Year	#	Publication
2017	1	A. Decambron, V. Viateau, L. La Rosa, P. Pey, E. Reyes-Gomez, M. Manassero. <i>Erosive Arthritis of the temporomandibular joint secondary to foreign body migration in a dog.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Edinburgh, Scotland - July 13-15, 2017.
2017	2	A. Fournet, A. Decambron, V. Viateau, C. Maurey, M. Manassero. <i>Treatment of urethral sphincter mechanism incompetence associated with a genitourinary dysplasia in a cat with a percutaneously controlled urethral hydraulic occluder and urethral pressure profilometry control.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Edinburgh, Scotland - July 13-15, 2017.
2017	3	M. Manassero, D. Leperlier, A. Fournet, M. Manou, A. Decambron, V. Viateau. <i>Reconstruction of massive long segmental bone defects using the induced membrane technique in three dogs.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Edinburgh, Scotland - July 13-15, 2017.
2017	4	V. Viateau, A. Decambron, P. Garnier, M. Manassero. <i>Needle arthroscopy (NA) for stifle joint exploration in dogs. A cadaveric study.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Edinburgh, Scotland - July 13-15, 2017.
2018	5	A. Loze, M. Manassero, P. Pey, V. Freiche. <i>Differential diagnosis of ileocolic masses associated with intestinal obstruction in cats : A retrospective study of 8 cases (2015-2017.)</i> ECVIM-CA Congress (European College of Veterinary Medicine), Rotterdam, Netherlands - September 8-10, 2018.
2018	6	E. Maurice, A. Fournet, A. Decambron, M. Manassero. <i>Surgical correction of type II atresia ani associated to an urethro-rectal fistula in a 2 months-old male kitten.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Athens, Greece - July 5-7, 2018.
2018	7	L. Sedel, P. Bizot. <i>Ceramic-on-ceramic total hip and significant trauma: what risk?</i> ISTA (International Society for Technology in Arthroplasty) London, UK - October 10-13, 2018.
2018	8	M. Santos, M. Weissenberger, M. Manassero, A. Fournet, V. Viateau, A. Decambron. <i>Long-term assessment of abscesses and draining tracts occurring in the head and neck region of dogs.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Athens, Greece - July 5-7, 2018.
2019	9	F. Sigonney, G. Odri, P. Bizot, L. Sedel. <i>Résultats à long terme d'implants cotyloïdiens en alumine massifs « press-fit » non cimentés.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	10	I. Birnbaum, V. Viateau, A. Fournet, H. Vandenberghe, A. Decambron, S. Blot, M. Manassero. <i>Modified axis laminotomy for cervical meningioma treatment in an 8-year-old Irish terrier.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Budapest, Hungary - July 4-6, 2019.
2019	11	M. Belas, P. Bizot. <i>Total Hip replacement after failure of internal fixation of a proximal femur fracture: Comparison of intra and extra capsular fractures.</i> EFORT (European Federation of National Associations of Orthopaedics and Traumatology), Lisbon, Portugal - June 5-7, 2019.
2019	12	M. Belas, P. Bizot. <i>Total Hip replacement after intra-capsular femoral neck fracture: Comparison of primary THA and secondary THA after failed fixation.</i> EFORT (European Federation of National Associations of Orthopaedics and Traumatology), Lisbon, Portugal - June 5-7, 2019.
2019	13	M. Debreuque, I. Valin, P. De Fornel, M. Manassero, J-L. Thibaud. <i>Symptomatic lateral ventricular cystic lesion in a young cat.</i> ESVN-ECVN Symposium (European College of Veterinary Neurology), Warclaw, Poland - September 13-14, 2019.
2019	14	S. Klouché, P. Hardy, T. Bauer, T. Gregory, C. Cacheux, E. Pansard, P. Le Marechal, D. Beal, A. Castanedo, B. Joly, F. Pourre, G. Odri, P. Bizot, R. Nizard. <i>Nombre de luxations et de reprises des cotyles double mobilité Ceraver cimentés et non cimentés. A propos d'une série rétrospective multicentrique de 406 patients.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	15	T. Kavakelis, G. Odri, R. Nizard, P. Bizot. <i>Descellement cotyloïdien des prothèses totales de hanche céramique-céramique.</i> Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November 11-13, 2019.
2019	16	V. Viateau, A. Decambron, A. Fournet, M. Manassero. <i>Induced-membrane technique for the treatment of chronic post-traumatic osteomyelitis requiring massive segmental bone resection in two dogs.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), Budapest, Hungary - July 4-6, 2019.
2020	17	B. Dekerle, F. Gollain, A. Decambron, E. Maurice, C. Maurey, A. Fournet, V. Viateau, M. Manassero. <i>Feline perineal urethrostomy: retrospective study of 216 cases treated for urethral obstruction between 2006 and 2018 with a modified perineal technique.</i> Annual Scientific Meeting ECVS (European College of Veterinary Surgery), online e-congress - July 8-10, 2021.

2021	18	B. Dekerle, G. Benchekroun, V. Viateau, A. Decambon, E. Maurice , C. Maurey, M. Manassero . Long-term follow-up of laparoscopic deroofing and fulguration of a dysembryoplastic simple renal cyst in a dog. Annual Scientific Meeting ECVS (European College of Veterinary Surgery), online e-congress - July 8-10, 2021.
2021	19	P. Garnier, V. Viateau, M. Manassero, E. Maurice . Correction chirurgicale d'une fente palatine congénitale chez un chaton de 4 mois à l'aide d'un lambeau de retournement et suivi tomodynamométrique à long terme. AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2021, Bordeaux, France - November 25-27, 2021.
2021	20	S. Schoffit, M. Manassero , I. Valin, F. Delisle, F. Allard, P. Devauchelle, C. Maurey, P. de Fornel. Canine bladder urothelial carcinoma treated by intraoperative radiotherapy and COX-2 selective NSAID: a retrospective study of 16 cases (2014-2019). ESVONC congress (European Society of Veterinary Oncology), e-congress - May 28-29, 2021.
2021	21	T. Meric, A. Sulter, A. Bogey-Lambert, A. Blavier, C. Nelaton, M. Canonne-Guibert, M. Manassero , G. Benchekroun, C. Maurey. Retrospective study of cystinic lithiasis in dogs in France. ECVIM-CA Congress (European College of Veterinary Medicine), e-congress - September 2-5, 2020.
2022	22	D. PulidoVega, J. Ficherouille, M. Manassero , J. Mortier, C. Maurey. Evaluation of preoperative ultrasonographic parameters associated with long-term renal recovery after treatment of feline unilateral ureteral obstruction. ECVIM-CA Congress (European College of Veterinary Medicine), Göteborg, Sweden - September 1-3, 2022.
2022	23	H. Kaufmann, G. Benchekroun, M. Manassero , C. Maurey. Presentation, diagnosis, mineral findings and management of ureteral calculi in dogs: 14 cases (2010 - 2021). ECVIM-CA Congress (European College of Veterinary Medicine), Göteborg, Sweden - September 1-3, 2022.
2022	24	P. Garnier, B. Dekerle, J. Vial, E. Maurice, M. Manassero, V. Viateau . L'utilisation du Nanoscope dans l'exploration du coude chez le chien : Étude cadavérique préliminaire et essai clinique. AFVAC (Association Française des Vétérinaires pour Animaux de Compagnie) 2022, Marseille, France - December 1-3, 2022.

Proceedings and published abstracts

Research

Year	#	Publication
2017	1	A. Juban, S. Briançon, F. Pue, T. Hoc , C. Nouguié-Lehon C. Experimental study of tensile strength of pharmaceutical tablets: effect of diluent nature and compression pressure. Powders and Grains - International Conference on Micromechanics of Granular Media, Montpellier, France - July 3-7, 2017. In: EPJ Web of Conferences. 140 (2017) 13002.
2017	2	H. Mezlini-Gharsallah , R. Youssef, J.-D. Laredo, C. Chappard . Three dimensional mapping of the joint space for the diagnosis of osteoarthritis based on high resolution computed tomography: multiscale analysis. OARSI (Osteoarthritis Research Society International) World Congress, Las Vegas, USA - April 27-30, 2017. In: Osteoarthritis and Cartilage. 25 (2017) S108.
2017	3	JC. Aurégan , C. Bossier, O. Pollet, M. Bensidhoum , T. Bégue, T. Hoc . La densité minérale osseuse ne permet pas prédire le risque intrinsèque de fracture controlatérale du col fémoral chez les personnes âgées. Congrès de la SOFCOT (Société Française d'Orthopédie et de Traumatologie), Paris, France - November, 2017. In: Revue de Chirurgie Orthopédique et Traumatologique. 103:7 Supplement (2017) S132.
2017	4	M. Cornille, R.H. Khonsari, M. Bensidhoum , F. Di Rocco, L. Legeai-Mallet. Phenotypic study of a novel mouse model for Crouzon syndrome with acanthosis nigricans. ASBMR (American Society for Bone and Mineral Research) Annual Meeting, Denver, USA - September 8-11, 2017. In: J Bone Miner Res. 32 (2017) S3-S3.
2018	5	A.J. Mathew, S. Krabbe, F. Gandjbakhch, R.G. Lambert, K.G. Hermann, I. Eshed, P. Bird, W.P. Maksymowych, JD. Laredo , S.J. Pedersen, M.S. Stoenoiu, D. Glinatsi, I. Haugen, V. Foltz, J. Jaremko, R.P. Poggenberg, P.G. Conaghan, M. Ostergaard. AB1175 Development and preliminary validation of an omeract mri enthesitis scoring system for the ankle in spondyloarthritis. EULAR (Annual European Congress of Rheumatology), Amsterdam, The Netherlands - June 13-16, 2018. In: Ann. Rheum. Dis. 77 (2018) 1690.
2018	6	A.J. Mathew, S. Krabbe, I. Eshed, F. Gandjbakhch, R.G. Lambert, P. Bird, K.G. Hermann, S.J. Pedersen, M. Stoenoiu, V. Foltz, W.P. Maksymowych, D. Glinatsi, I.K. Haugen, J.L. Jaremko, R.P. Poggenborg, J. Paschke, JD. Laredo , P.G. Conaghan, M. Østergaard. Development and Preliminary Validation of an Omeract Magnetic Resonance Imaging (MRI) Scoring System for Ankle Enthesitis in Spondyloarthritis. ACR/ARHP (American College of Rheumatology) Annual Meeting, Chicago, USA - October 19-24, 2018. In: Arthritis Rheumatol. 70 (suppl 9) (2018).
2018	7	D. Ramiandrisoa, S. Fernandez, C. Chappard , M. Cohen-Solal, J. -G. Minonzo. In Vivo Estimation of Cortical Thickness and Porosity by Axial Transmission: Comparison with High Resolution Computed Tomography. 2018 IEEE IUS (International Ultrasonics Symposium), Kobe, Japan - October 22-25, 2018. In: 2018 IEEE International Ultrasonics Symposium (IUS), Kobe, Japan, (2018) 1-4.
2018	8	K. Engelke, O. Museyko, D. Gunzel, A. Meier, JD. Laredo . 1140 A new CT based approach to quantify adipose tissue in paraspinal muscle. Annual Meeting of the American Society for Bone and Mineral Research, Montréal, Canada - September 28 - October 1, 2018. In: J Bone Miner Res. 33 (2018) 428.

2019	9	C. Bourzac, M. Bensidhoum, M. Manassero, S.Pallu, H.Portier. <i>Running-exercise conditioning improves the healing of non-critical size bone defects in male Wistar rats.</i> ECTS (European Calcified Tissue Society) Congress, Budapest, Hungary - May 14-19, 2019. In: <i>Calcif Tissue Int.</i> 104 (2019) S1-S151.
2019	10	G. Mitton, S. Uk, K. Engelke, J-D. Laredo, C. Chappard. <i>Degenerative medial meniscus retains some protective effect against osteoarthritis-induced subchondral bone changes.</i> ECTS (European Calcified Tissue Society) Congress, Budapest, Hungary - May 11-14, 2019. In: Abstracts of the ECTS Congress 2019. <i>Calcif Tissue Int.</i> 104 (Suppl 1) (2019) 1-151(P289).
2019	11	J-F. Abascal, S-A. Si-Mohamed, P. Douek, C. Chappard, F. Peyrin. <i>A sparse and prior based method for 3D denoising.</i> EUROSPO (European Signal Processing Conference), A Coruna, Spain - September 2-6, 2019. In: 2019 27th European Signal Processing Conference (EUSIPCO) 1-5.
2019	12	M. Zarka, E. Hay, A. Ostertag, C. Marty, C. Chappard, F. Oudet, K. Engelke, J-D. Laredo, M. Cohen-Solal. <i>Microcracks in subchondral bone plate is associated with cartilage conservation.</i> ECTS (European Calcified Tissue Society) Congress, Budapest, Hungary - May 11-14, 2019. In: Abstracts of the ECTS Congress 2019. <i>Calcif Tissue Int.</i> 104 (Suppl 1) (2019) 1-151(P044).
2019	13	P. Wang, D. Logeart, L. Pigeon, C. Goncalves, H. Petite, F. Perche, C. Pichon. <i>819 Improved Osteogenic Commitment of BMP2 mRNA-Transfected MSCs Using NS1 mRNA.</i> Annual Meeting of the ASGCT (American Society of Gene and Cell Therapy), Washington, USA - April 29-May 2, 2019. In: <i>Molecular Therapy.</i> 27: 4S1 (2019) 1-466.
2019	14	S. Bussod, J-F. Abascal, N. Ducros, C. Olivier, S. Si-Mohamed, P. Douek, C. Chappard, F. Peyrin. <i>Human Knee Phantom for Spectral CT: Validation of a Material Decomposition Algorithm.</i> IEEE ISBI (International Symposium on Biomedical Imaging), Venice, Italy - April 8-11, 2019. In: 2019 IEEE 16th International Symposium on Biomedical Imaging (ISBI 2019), Venice, Italy (2019): 1170-1173.
2019	15	S. Bussod, J-F. Absacal, N. Ducros, S. Arridge, A. Hauptmann, C. Chappard, F. Peyrin. <i>Material decomposition in spectral CT using conventional neural network: application to human knee.</i> In: Proceeding of machine learning research 2019.
2020	16	C. Bourzac, S. Pallu, R. Wazzani, M. Bensidhoum, H. Portier. <i>Effects of exercise on bone histological parameters: Continuous vs. intermittent running in Wistar rats.</i> ECTS (European Calcified Tissue Society) Congress, Marseille, France - Octobre 20-23, 2020. In: <i>Bone Reports.</i> 13 (2020) 100313.
2020	17	C. Chappard, J. Abascal, S. Bussod, S. Uk, S. Si-Mohamed, P. Douek, F. Peyrin. <i>Feasibility of spectral computed tomography to assess knee cartilage.</i> OARSI (Osteoarthritis Research Society International) World Congress, Vienna, Austria - April 30 - May 3, 2020. In: <i>Osteoarthritis and Cartilage.</i> 28 (Suppl 1) (2020) S277-S278.
2020	18	C. Garcelon, J. Abascal, C. Olivier, S. Si-Mohamed, S. Uk, H.K. Ea, L. Bousset, P. Douek, F. Peyrin, C. Chappard. <i>Analyse quantitative morphologique du cartilage à partir de scanner spectral à comptage de photons.</i> Congrès Français de Rhumatologie, Paris, France - December 13-15, 2020. In: <i>Revue du Rhumatisme.</i> 87 (Suppl 1) (2020) A261.
2020	19	C. Nacheff, V. Bousson, N. Belmatoug, M. Cohen-Solal, V. Vilgrain, F. Durand, T. Funck-Brentano. <i>CT-derived bone mineral density is the main determinant of prevalent vertebral fractures in cirrhotic patients awaiting liver transplantation.</i> Annual Meeting of the American Society for Bone and Mineral Research, Virtual Event - September 11-15, 2020. In: <i>J Bone Miner Res.</i> 35 (2020) S1-S349.
2020	20	H. Portier, S. Uk, S. Pallu, C. Jaffre, C. Chappard. <i>Comparison of calcified cartilage between normal and osteoarthritis human knee specimens based on synchrotron nano-computed tomography images with phase contrast: a preliminary study.</i> 2020 OARSI World Congress on Osteoarthritis, Vienna, Austria - April 30 - May 3, 2020. In: <i>Osteoarthritis and Cartilage.</i> 28 (Suppl 1) (2020) S209-210.
2020	21	S. Bussod, J-F. Abascal, N. Ducros, S. Arridge, A. Hauptmann, C. Chappard, F. Peyrin. <i>Convolutional neural network for material decomposition in spectral CT scans.</i> EUSIPCO (European Signal Processing Conference) 2020, Amsterdam, The Netherlands - January 18-22, 2021. In: 2020 28th European Signal Processing Conference (EUSIPCO) (2021) 1259-1263.
2020	22	S. Uk, F. Morin, V. Bousson, R. Nizard, G. Bernard, C. Chappard. <i>Contribution of Algebraic Iterative Reconstruction Algorithm for Joint Space Segmentation Based on Cone Beam Computed Tomography Images.</i> In: 8th European Medical and Biological Engineering Conference. (2021) 278-285.
2020	23	S. Uk, F. Morin, V. Bousson, R. Nizard, G. Bernard, C. Chappard. <i>Contribution of statistical iterative reconstruction algorithm for joint space segmentation based on cone beam computed tomography images.</i> EMBEC (European Medical and Biological Engineering Conference) 2021, Portorož, Slovenia - November 29 - December 3, 2020. In: <i>IFBME proceedings</i> 80 (2021) 1-8.
2021	24	J-F. Abascal, S. Bussod, N. Ducros, S-A. Si-Mohamed, P. Douek, C. Chappard, F. Peyrin. <i>A residual U net network with image prior for 3D image denoising.</i> EUSIPCO (European Signal Processing Conference) 2020, Amsterdam, The Netherlands - January 18-22, 2021. In: 2020 28th European Signal Processing Conference (EUSIPCO) (2021) 1264-1268.
2021	25	S. Uk, A. Leroux, J-D. Laredo, C. Chappard. <i>Intérêts dans le suivides modifications de l'interligne articulaire dans la gonarthrose.</i> Congrès Français de Rhumatologie, Paris, France - December 12-14, 2021. In: <i>Revue du Rhumatisme</i> (2021) 88 (Suppl 1): A310-311.
2022	26	A. Atasoy-Zeybek, M. Coenen, G. Hawse, D. Logeart-Avramoglou, CH. Evans, RE. De la Vega. <i>Potent autocrine signaling by mesenchymal cells expressing BMP2.</i> TERMIS World Congress 2021, Maastricht, Netherlands, online - November 15-19, 2021. In: <i>Tiss Eng Part A.</i> 28:S1 (2022) S-1-S-654.

2022	27	C. Garcelon, J-F. Abascal, C. Olivier, P. Douek, F. Peyrin, C. Chappard . <i>Quantification de l'épaisseur du cartilage sur des images de scanners spectral à comptage de photons</i> . Congrès Français de Rhumatologie, Paris, France - December 11-13, 2022. In: <i>Revue du Rhumatisme</i> . 89 (Suppl 1) (2022) A199.
2022	28	C. Garrot, J. Vial , P. Machillot, A. Decambron , D. Logeart-Avramoglou , J. Vollaire, V. Josserand, E. Maurice , V. Viateau , M. Manassero , G. Bettega, C. Picart. <i>Influence of scaffold geometry on BMP-2 incorporation and in vivo bone regeneration</i> . TERMIS World Congress 2021, Maastricht, Netherlands, online - November 15-19, 2021. In: <i>Tiss Eng Part A</i> . 28:S1 (2022) S-1-S-654.
2022	29	F. Roemer, K. Engelke, J.-D. Laredo , L. Li, A. Guermazi. <i>MRI underestimates presence and size of knee osteophytes using CT as a reference standard</i> . OARSI (Osteoarthritis Research Society International) World Congress on Osteoarthritis, Berlin, Germany - April 7-10, 2022. In: <i>Osteoarthritis Cartilage</i> . 30 (Supplement 1) (2022) S264.
2022	30	P. Wosinski , C. Denoed , G. Luo , J. Boisselier, A. Moya , S. Marinesco, A. Meiller, H. Moussi , JT. Vilquin, D. Logeart-Avramoglou , A. Gand, V. Larreta-Garde, E. Pauthe, E. Potier , H. Petite . <i>Enzyme-controlled, nutritive hydrogel for mesenchymal stromal cell survival and paracrine functions</i> . TERMIS (Tissue Engineering and Regenerative Medicine International Society) Asia Pacific Conference 2022, ICC Jeju, South Korea - October 5-7, 2022. In: <i>Tiss Eng Part A</i> . 28:S3 (2022) 1-901.
2022	31	R. Landon , A. Barzegari, N. Larochette , V. Gueguen, H. Petite , G. Pavon-Djavid, F. Anagnostou . <i>AGEs-induced oxidative stress regulation as a potential target to attenuate the impact of the diabetic microenvironment on mesenchymal stromal cells</i> . TERMIS (Tissue Engineering and Regenerative Medicine International Society) Asia Pacific Conference 2022, ICC Jeju, South Korea - October 5-7, 2022. In: <i>Tiss Eng Part A</i> . 28:S3 (2022) 1-901.

Clinics

Year	#	Publication
2017	1	A. Molto, L. Gossec, V. Foltz, R. Beaufort, JD. Laredo , P. Richette, P. Dieude, P. Goupille, A. Feydy, M. Dougados. <i>Erosions at the Sacroiliac Joints and Fatty Lesions at the Spine Are the Most Discriminant Lesions for Recent Onset Axial Spondyloarthritis Recognition</i> . ACR/ARHP (American College of Rheumatology) Annual Meeting, San Diego, USA - November 3-8, 2017. In: <i>Arthritis Rheumatol</i> . 69 (suppl 10) (2017).
2017	2	A. Molto, L. Gossec, V. Foltz, R. Beaufort, JD. Laredo , P. Richette, P. Dieude, P. Goupille, A. Feydy, M. Dougados. <i>More Than 10 Percent Patients with Recent Onset Chronic Mechanical Back Pain Fulfill the Modified NY Criteria for Sacroiliitis</i> . ACR/ARHP (American College of Rheumatology) Annual Meeting, San Diego, USA - November 3-8, 2017. In: <i>Arthritis Rheumatol</i> . 69 (suppl 10) (2017).
2017	3	A. Molto, L. Gossec, V. Foltz, R. Beaufort, JD. Laredo , P. Richette, P. Dieude, P. Goupille, A. Feydy, M. Dougados. <i>X-Ray Spine Lesions Are Rare and Not Discriminant for Axial Spondyloarthritis Recognition in Patients with Recent Onset Chronic Back Pain</i> . ACR/ARHP (American College of Rheumatology) Annual Meeting, San Diego, USA - November 3-8, 2017. In: <i>Arthritis Rheumatol</i> . 69 (suppl 10) (2017).
2017	4	A. Molto, L. Gossec, V. Foltz, R. Beaufort, JD. Laredo , P. Richette, P. Dieude, P. Goupille, A. Feydy, M. Dougados. <i>Inflammatory Lesions of the Sacroiliac Joints, but Not of the Spine, Are of High Utility for Recent Onset Axial Spondyloarthritis Recognition</i> . ACR/ARHP (American College of Rheumatology) Annual Meeting, San Diego, USA - November 3-8, 2017. In: <i>Arthritis Rheumatol</i> . 69 (suppl 10) (2017).
2017	5	C. Nguyen, I. Boutron, G. Baron, K. Sanchez, C. Palazzo, R. Benchimol, G. Paris, E. James-Belin, MM. Lefevre-Colau, J. Beaudreuil, JD. Laredo , A. Bera-Louville, A. Cotten, JL. Drape, A. Feydy, P. Ravaud, F. Rannou, S. Poiraudau. <i>LB0001 Intradiscal glucocorticoid injection for patients with chronic low back pain associated with active discopathy: a randomized trial</i> . EULAR (Annual European Congress of Rheumatology), Madrid, Spain - 14-17 June, 2017. In: <i>Ann. Rheum. Dis</i> . 76 (2017) 170.
2017	6	C.P. Nagano, L. Munhoz, A.R. Cortes, S.V. Lourenco, F. Anagnostou , E.S. Arita. <i>Assessment of osteoporotic alterations in type 2 diabetes: a retrospective study</i> . International conference of osteoporosis, Arthritis and Musculoskeletal disorders 2017, Madrid, Spain - December 4-5, 2017. In: <i>Clin Exp Orthop</i> . 3 (2017) 4.
2017	7	F. Feron, L. Salle-Teyssires, M. Laloi-Michelin, T. Vidal-Trean, C. Bouche, H. Jacquier, E. Lecorche, F. Mougari, A. Lopes, D. Chopin, L. Raskine, PO. Sellier, JD. Laredo , JP. Riveline, F. Mauvais-Jarvis, JF. Gautier, JP. Kevorkian. <i>2035 Bedside Bone Biopsy Feasibility Performed by a Diabetologist for Suspected Diabetic Foot Osteitis</i> . ADA (American Diabetes Association) Scientific Sessions, San Diego, USA - June 9-13, 2017. In: <i>Diabetes</i> . 66 (S1) (2017) A585-A602.
2017	8	F. Feron, L. Salle-Teyssires, M. Laloi-Michelin, T. Vidal-Trean, H. Jacquier, E. Lecorche, F. Mougari, A. Lopes, D. Chopin, PO. Sellier, JD. Laredo , JP. Riveline, F. Mauvais-Jarvis, JF. Gautier, JP. Kevorkian. <i>998 Bedside blind bone biopsy for suspected diabetic foot osteitis: feasible, simple and useful</i> . EASD (European Association for the Study of Diabetes) Annual Meeting, Lisbon, Portugal - September 11-15, 2017. In: <i>Diabetologia</i> . 60 (2017) S461.
2017	9	F. Rannou, C. Nguyen, I. Boutron, G. Baron, K. Sanchez, C. Palazzo, R. Benchimol, G. Paris, E. James - Belin, M. Lefevre Colau, J. Beaudreuil, J. Laredo , A. Bera-Louville, A. Cotten, J. Drape, A. Feydy, P. Ravaud, S. Poiraudau. <i>Intradiscal glucocorticoid injection for patients with chronic low back pain associated with active discopathy: a randomized trial</i> . OARSI (Osteoarthritis Research Society International) World Congress, Las Vegas, USA - April 27-30, 2017. In: <i>Osteoarthritis and Cartilage</i> . 25 (2017) S172.
2018	10	BB. Hansen, L. Terslev, F. Berenbaum, I. Moller, M. Boesen, JD. Laredo , F. Rannou, S. Lohmander, M. Englund, X. Baraliakos, P. Conaghan, S. Genevay, C. Palazzo, D. Wilson, R. Wilkie, D. Prieto-Alhambra, A. Kent, S. Makri, VN. Compan, C. Nguyen, MEM. Bartels, C. Nordberg, A. D'Agostino, G. Fournier, GL. Fournier. <i>SP0060 Eular recommendations for the use of imaging in mechanical low back pain</i> . EULAR (Annual European Congress of Rheumatology), Amsterdam, The Netherlands - June 13-16, 2018. In: <i>Ann. Rheum. Dis</i> . 77 (2018) 17.

2018	11	E. Nielsen, L.M. Andras, N. Michael, S. Garg, M. Paloski, B. Brighton, E. Ferrero, K. Mazda, B. Ilharreborde , D.L. Skaggs. <i>Surgical Treatment of Spondylolisthesis in Adolescents Has a 46% Re-operation Rate: A Multi-Center Retrospective Cohort Study</i> . AAP (American Association of Pediatrics) National Conference & Exhibition, Chicago, USA - September 16 - 19, 2017. In: <i>Pediatrics</i> . 142 (2018): 321.
2018	12	F. Feron, DC. Gauthier, M. Laloi-Michelin, AL. Munier, L. Salle-Teyssieres, G. Pean-de-Ponfilly, E. Lecorche, F. Mougari, H. Jacquier, PO. Sellier, J.D. Laredo , JP. Riveline, JF. Gautier, JP. Kevorkian. <i>Bedside Blind Bone Biopsy (B4) for suspected diabetic foot osteitis: A reliable tool to manage medical treatment?</i> Annual Meeting of theEASD (European Association for the Study of Diabetes), Berlin, Germany - October 1-5, 2018. In: <i>Diabetologia</i> . 61 (Suppl 1) (2018) , 1-620.
2019	13	T. Bardin, Q.D. Nguyen, K.M. Tran, N.H. Le, D.M. Do, V. Bousson , P. Richette, M. Resche-Rigon. <i>SAT0410 Radiographic erosion score improved with targeted urate-lowering therapy in a prospective gout Vietnamese cohort</i> . EULAR (European Congress of Rheumatology) 2019, Madrid, Spain - June 12-15, 2019. In: <i>Ann Rheum Dis</i> . 78 (2019) 1293-1295.
2020	14	H. Ea, A. Gauffenic, Q. Nguyen, N. Pham, O. Olivier, V. Frochot, D. Bazin, N. Le, C. Marty, A. Ostertag, M. Cohen-Solal, J.D. Laredo , P. Richette, T. Bardin. <i>Calcium Pyrophosphate Crystal Deposition in Gouty Tophi</i> . ACR (American College of Rheumatology) Convergence 2020, Virtual - November 5-9, 2020. In: <i>Arthritis Rheumatol</i> .72 (suppl 10) (2020).
2020	15	T. Bardin, N. Quang, H. Nghia, T. Khoi, H. Ea, V. Bousson , P. Richette. <i>The Shrinking Toe: A Sign of Crystal Dissolution During Urate Lowering Treatment of Severe Gouty Arthropathy</i> . ACR (American College of Rheumatology) Convergence 2020, Virtual - November 5-9, 2020. In: <i>Arthritis Rheumatol</i> .72 (suppl 10) (2020).
2020	16	T. Pascart, P. Richette, S. Ottaviani, L. Norberciak, H. Ea H, F. Lioté, J. Ora, J. Legrand, V. Bousson , E. Mahdjoub, J. Budzik. <i>Change in Tophus Size Measured with Dual-energy CT and Ultrasound: A 1-year Multicenter Follow-up Study</i> . ACR (American College of Rheumatology) Convergence 2020, Virtual - November 5-9, 2020. In: <i>Arthritis Rheumatol</i> .72 (suppl 10) (2020).
2021	17	J. Fleurette, J.C. Aurégan , T. Begue. <i>Etude comparative de l'indice de Soong et conséquences anatomo-cliniques de trois plaques antérieures verrouillées pour fractures déplacées de l'extrémité distale du radius</i> . Congress of the French Society for Surgery of the Hand, Paris, France - December 16-18, 2021. In: <i>Hand Surgery and Rehabilitation</i> . 40 (2021) 819.
2021	18	J. Sellam, E. Maheu, M.D. Crema, A. Touati, A. Courties, S. Tuffet, A. Rousseau, X. Chevalier, B. Combe, M. Dougados, B. Fautrel, M. Kloppenburg, J.-D. Laredo , D. Loeuille, A. Miquel, F. Rannou, P. Richette, T. Simon, F. Berenbaum. <i>Digicod, a large hospital-based observational prospective cohort of patients with hand osteoarthritis – baseline characteristics description</i> . OARSI (Osteoarthritis Research Society International) World Congress on Osteoarthritis, Virtual - April 29 - May 1, 2021. In: <i>Osteoarthritis Cartilage</i> . 29 (Supplement 1) (2021) S226-S227.
2022	19	H.J. Djossou, S. Tuffet, A. Rousseau, A. Latourte, J.D. Laredo , F. Berenbaum, J. Sellam. <i>AB0967 Impact of carpal tunnel syndrome on symptoms and structural severity of hand osteoarthritis: Results from the DIGICOD cohort</i> . EULAR (European Congress of Rheumatology) 2022, Copenhagen, Denmark - June 1-4, 2022. In: <i>Ann Rheum Dis</i> . 81 (2022) 1611.1-1611.
2022	20	H.J. Djossou, S. Tuffet, A. Rousseau, A. Latourte, J.-D. Laredo , F. Berenbaum, J. Sellam. <i>Impact of carpal tunnel syndrome on symptoms: structural severity of hand osteoarthritis: results from the digicod cohort</i> . OARSI (Osteoarthritis Research Society International) World Congress on Osteoarthritis, Berlin, Germany - April 7-10, 2022. In: <i>Osteoarthritis Cartilage</i> . 30 (Supplement 1) (2022) S192-S193.
2022	21	H.K. Ea, O. Olivier, N.N. Pham, V. Frochot, D. Bazin, C. Marty, A. Ostertag, J.D. Laredo , P. Richette, Q.D. Nguyen, T. Bardin. <i>THU0422 Calcium pyrophosphate crystal deposition within tophus lobule: a frequent association observed in long-time course tophi</i> . EULAR (European Congress of Rheumatology) 2020, e-Congress - June 3-6, 2020. In: <i>Ann Rheum Dis</i> . 79 (2020) 449.2-449.

Book chapters

Research

Year	#	Publication
2017	1	C. Bossier, A. Ogier, L. Imbert, T. Hoc . <i>Raman Spectroscopy as a Biomarker-Investigative Tool in Bone Metabolism</i> . In: V.B. Patel and V.R. Preedy (Eds) <i>Biomarkers in Bone Disease</i> . Springer, Cham, 2017. ISBN: 978-94-007-7693-7.
2017	2	F. Anagnostou, M. Bensidhoum . <i>L'os alvéolaire. Un type osseux particulier</i> . In: S.M. Dridi (Eds) <i>Lésions intra-osseuses et inter-radiculaires</i> . Espace ID, 2017. ISBN : 978-2-36134-046-9.
2018	3	E. Potier, D. Logeart-Avramoglou . <i>Adult stem cells for intervertebral disc repair</i> . In: A. Atala and G. Almeida-Porada (Eds) <i>Gene and Cell Delivery for Intervertebral Disc Degeneration</i> . Taylor & Francis Group, 2018. ISBN 978-1-4987-9940-9.
2018	4	G. Luo, G.E. Salazar-Noratto, E. Potier, H. Petite . <i>Engineering Bone with Mesenchymal Stem Cells: Challenges and Obstacles</i> . In: D. George, J. Magdalou, J.-F. Stoltz (Eds.), <i>Biomedical and Health Research - Proceedings of the 9th International China-Europe Symposium</i> , Strasbourg, France, 2019, IOS Press, 2021. ISBN: 978-1-64368-026-2.

2019	5	D. Wagner, V. Herbert, M. Bensidhoum , P. Clavert, Y. Bolender, Y. Remond, D. George. <i>First Steps Towards Understanding the Periodontal Ligament Mechanobiology in Orthodontic Tooth Displacement: Gathering of Experimental Data for Numerical Modelling</i> . In: JF. Stoltz, Y. Chen, J. Magdalou, Y. Li (Eds) Biomedical and Health Research. IOS Press, 2019. ISBN: 978-1-61499-924-9.
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Clinics

Year	#	Publication
2019	1	E. Gibon, M. Hamadouche . <i>Major allograft reconstruction of the acetabulum in revision THA</i> . In: E. Garcia-Rey and E. Garcia-Cimbrelo (Eds) <i>Acetabular Revision Surgery in Major Bone Defect</i> . Springer, Cham, 2019. ISBN: 978-3-319-98596-1.
2019	2	M. Hamadouche . <i>Dual mobility implants</i> . In: Berry and Lieberman (Eds) <i>Surgery of the Hip</i> . Elsevier, 2019. ISBN: 978-0-32355-4640.
2019	3	P. Bizot . <i>Total Hip Replacement Revision Using a Dual Mobility Cup Cemented into a Metallic Ring</i> . In: E. Garcia-Rey and E. Garcia-Cimbrelo (Eds) <i>Acetabular Revision Surgery in Major Bone Defects</i> . Springer, Cham. ISBN: 978-3-319-98595-4.
2021	4	L. Bontemps, F. Gaultier, F. Anagnostou , A-L. Ejeil, S.M. Dridi. <i>Drug-induced gingival overgrowth</i> . In: S. Cousty and S. Laurencin (Eds) <i>Drug induced oral complications</i> . Ed Springer Book, 2021. ISBN: 978-3-030-66973-7.

Encyclopedia or dictionary entries

Clinics

Year	#	Publication
2021	1	B. Sojod, J-M Périer, A. Zalcborg, S. Bouzegza, B. El Halabi, F. Anagnostou . <i>Maladie parodontale et état de santé générale</i> . Traité EMC Traité de Médecine Akos (2021).

Patents

Research

Year	#	Publication
2018	1	C. Bosser, C. Boulocher, T. Hoc . "Method of detecting joint diseases". N° FR3059781A1 (2018-06-08) ; WO2018104058A1 (2018-06-14).
2018	2	T. Hoc, J-C. Aurégan, M. Bensidhoum , C. Bosser, H. Zahouani. "Non invasive process for the evaluation of the quality of internal dense connective tissues" N° WO2019149393A1 (2019-08-08).
2022	3	J-C. Aurégan, M. Bensidhoum , C. Bosser, M. Bachy . "Connected in vitro medical device for diagnostic of internal collagen tissue quality". Pending.

Other: Educational publications

Clinics

Year	#	Publication
2017	1	A. Fournet, M. Manassero . <i>Les hernies périnéales chez le chien</i> . Le Nouveau Praticien. 68 (2017) 37-45.
2017	2	M. Blondel, A. Decambron , V. Delpont, C. Maurey, M. Manassero . <i>Un cas d'urétérocèle ectopiques bilatérales chez une chienne</i> . Revue Vétérinaire Clinique. 50(2) (2017) 95-100.
2017	3	M. Manassero , A. Fournet, D. Lepertier. <i>Particularité de la chirurgie du colon et de la jonction iléo-caecale chez le chien et le chat</i> . Le Nouveau Praticien. 66 (2017) 61-68.
2017	4	M. Manassero , C. Maurey. <i>Prise en charge thérapeutique des obstructions urétérales chez le chat</i> . Le Nouveau Praticien. 67 (2017) 35-40.
2017	5	M. Manassero , C. Maurey. <i>Protocole de traitement médical d'une lithiase urétérale</i> . 67 (2017) 34.
2017	6	M. Manassero . <i>Les affections de la région périanale chez le chien et le chat</i> . Le Nouveau Praticien. 15 (68) (2017) 7.
2017	7	M. Zaratin, E. Reyes-Gomes, M. Manassero , C. Maurey. <i>Test Clinique : Sub obstruction urétrale chez un chat</i> . Le Nouveau Praticien. 2017 ; 67 : 4.
2017	8	P. Bizot . <i>Traitement chirurgical de la gonarthrose (hors prothèse)</i> , <i>Chirurgie des Rhumatismes</i> . L'Actualité Rhumatologique. 27 (2017) 359-70.
2018	9	I. Ben Yahya, F. Anagnostou . <i>Oral Cancer Chairside Guide Prevention and Patient Management</i> . FDI World Dental Federation, Geneva, Switzerland.

Document d'autoévaluation des unités de recherche

2019	10	A.L. Munier, G. Odri, P. Bizot . <i>Infections des prothèses articulaires, Chirurgie des Rhumatismes</i> . L'Actualité Rhumatologique. 26 (2019) 347-60.
2020	11	A. Decambron, M. Manassero . <i>Les infections du site opératoire : les prévenir</i> . Le Nouveau Praticien. 17 (75) (2020) 31-38.
2020	12	A. Decambron, M. Manassero . <i>Les infections du site opératoire : les reconnaître et les traiter</i> . Le Nouveau Praticien. 17 (75) (2020) 23-30.
2020	13	C. Bohin, C. Maurey, M. Manassero . <i>Traitement endoscopique par laser d'un uretère ectopique chez une chienne</i> . Pratique Vet. 179 (2020) 132-135.
2020	14	E. Maurice, M. Manassero . <i>Prise en charge des brûlures thermiques chez les carnivores domestiques</i> . Le Nouveau Praticien. Numéro Spécial Hors Série (2020) 39-47.
2020	15	M. Manassero, E. Maurice, V. Viateau . <i>Les traumatismes des voies urinaires : prise en charge thérapeutique</i> . Le Nouveau Praticien. Numéro Spécial Hors Série (2020) 79-88.
2020	16	M. Manassero, V. Viateau . <i>Les traumatismes des voies urinaires : prise en charge diagnostique</i> . Le Nouveau Praticien. Numéro Spécial Hors Série (2020) 71-78.
2020	17	M. Manassero . <i>Techniques mini-invasives chez le chien et le chat</i> . Le Nouveau Praticien. 17 (74) (2020) 5.
2020	18	M. Manassero . <i>Urgence et traumatologie chez le chien et le chat</i> . Le Nouveau Praticien. Numéro Spécial Hors Série (2020) 5.
2020	19	V. Pollet, M. Manassero . <i>Cricopharyngeal dysphagia : Treatment news and perspectives [La dysphagie cricopharyngée: actualités thérapeutiques et perspectives]</i> . Revue Vétérinaire Clinique. 55 (2) (2020) 55-59.
2021	20	B. Dekerle, M. Manassero . <i>Prise en charge diagnostique et thérapeutique du chylothorax idiopathique chez le chien et le chat</i> . Le Nouveau Praticien. 18 (78) (2021) 31-38.
2021	21	B. Dekerle, M. Manassero . <i>Technique de trachéostomie temporaire chez le chien et le chat</i> . Le Nouveau Praticien. 19(81) (2021) 77-81.
2021	22	C. Martin, M. Manassero , A. Fournet. <i>Conduite à tenir face à une boiterie de l'épaule chez le chien</i> . Le Point Vétérinaire. 52(423) (2021) 24-33.
2021	23	C. Martin, M. Manassero , A. Fournet. <i>Les affections musculaires de l'épaule chez le chien</i> . Le Point Vétérinaire. 52(423) (2021) 42-46.
2021	24	C. Martin, M. Manassero , A. Fournet. <i>Les affections tendineuses et ligamentaires de l'épaule chez le chien</i> . Le Point Vétérinaire. 52(423) (2021) 34-41.
2021	25	C. Martin, M. Manassero , A. Fournet. <i>Rééducation fonctionnelle de l'épaule chez le chien : Objectifs et planification</i> . Le Point Vétérinaire. 52(423) (2021) 47-49.
2021	26	M. Manassero , D. Maquet. <i>Traumatismes des voies urinaires – techniques radiographiques avec produit de contraste</i> . Le Nouveau Praticien. 17(77) (2021) 53-60.
2021	27	M. Manassero . <i>Mise en place d'un drain thoracique chez le chien et le chat</i> . Le Nouveau Praticien. 18 (78) (2021) 65-74.
2021	28	M. Manassero . <i>Réalisation pratique d'une dialyse péritonéale lors d'uroabdomen</i> . Le Nouveau Praticien. 18 (79) (2021): 67-71.
2021	29	S. Schoffit, M. Manassero . <i>La hernie diaphragmatique péritonéo-péricardique chez le Chat et le Chien : démarche thérapeutique</i> . Pratique Vet. (2021) 192.
2021	30	T. Godineau , A. Fournet, M. Manassero . <i>Prise en charge chirurgicale d'une épicondylite humérale médiale chez un chat norvégien</i> . Le Point Vétérinaire. 52(418) (2021) 68-73.
2022	31	B. Dekerle, V. Fabres, G. Benchekroun, M. Manassero . <i>Suivi à long-terme du traitement d'un kyste rénal simple juvénile chez un chien par résection, fulguration et omentalisation sous coelioscopie</i> . Revue Vétérinaire Clinique, 57(3) (2022) 99-100.
2022	32	L. Hebrard, B. Dekerle, M. Manassero . <i>Un cas rare de sialocèle parotidienne : diagnostic et prise en charge chirurgicale</i> . Pratique Vet. 57 (2022) 239-243.
2022	33	M. Manassero . <i>To breathe or not to breathe</i> . Le Nouveau Praticien. 19(81) (2022) 7-8.
2022	34	P. Garnier, B. Dekerle, M. Manassero . <i>La paralysie laryngée du diagnostic au traitement</i> . Le Nouveau Praticien. 19(81) (2022) 41-48.

2- Unpublished documents

Pre-publications, working papers

Research

Year	#	Publication
2022	1	C. Garot, S. Schoffit , C. Monfoulet, P. Machillot, C. Deroy, S. Roques, J. Vial , J. Vollaie, M. Renard, H. Ghanem , H. El-Hafci , A. Decambron , V. Josserand, L. Bordenave, G. Bettéga, M. Durand, M. Manassero , V. Viateau , D. Logeart-Avramoglou , C. Picart. <i>3D-printed polymeric scaffolds with optimized architecture to repair a sheep metatarsal critical-size bone defect</i> . bioRxiv 2022.12.14.520447; doi: https://doi.org/10.1101/2022.12.14.520447 .

3- Academic works

PhD thesis

Year	#	Titre
2017	1	C. Convelbo. <i>Mise au point de nouvelles méthodes d'analyse du traumatisme valvulaire des bioprothèses percutanées.</i> Université Paris Est, Paris, France - October 13, 2017.
2017	2	E. Gibon. <i>Ostéolyse péri-prothétique associée aux particules d'usure de polyéthylène : rôle de l'inflammation et des macrophages.</i> Université Paris Diderot, Paris, France - June 27, 2017.
2018	3	G. Caliperoumal. <i>Impact du diabète de type 2 sur la réparation osseuse et vasculaire des défauts osseux crâniens.</i> Université Paris Diderot, Paris, France - June 25, 2018.
2019	4	C. Denoed. <i>Contribution à la compréhension et à la prévention de la mort massive des cellules souches mésenchymateuses post-implantation: Application à l'ingénierie tissulaire.</i> Université Paris Cité, Paris, France - September 30, 2019.
2020	5	A.M. Diallo. <i>Décrire et comprendre le processus de formation osseuse de substituts osseux humains : application à la sphère orofaciale.</i> Université Paris Cité, Paris, France - October 13, 2020.
2020	6	C. Bourzac. <i>Effets comparatifs de protocoles de course sur la qualité et la réparation osseuse chez le rat Wistar.</i> Université Paris Cité, Paris, France - December 16, 2020.
2021	7	E. Maurice. <i>Évaluation d'un nouveau ligament synthétique résorbable bioactif utilisable dans le cadre du traitement des ruptures du ligament croisé antérieur par reconstruction combinée à la préservation des reliquats du ligament natif. Étude dans deux modèles précliniques chez le rat et la brebis.</i> Université Paris Cité, Paris, France - December 17, 2021.
2021	8	G. Luo. <i>Investigating the Role of Glucose on Mesenchymal Stem Cell Mediated Tissue Engineering.</i> Université Paris Cité, Paris, France - September 24, 2021.
2022	9	M. Padrona. <i>Caractérisation du rôle du glucose et de sa potentielle utilisation thérapeutique dans la dégénérescence du disque intervertébral.</i> Université Paris Cité, Paris, France - September 28, 2022.
2022	10	R. Wazzani. <i>Effets de l'exercice physique sur le tissu osseux et sa vascularisation : comparaison entre différentes modalités de course.</i> Université Jules Verne, Amiens, France - December 8, 2022.
2022	11	S. Uk. <i>Pertinence d'une approche scanner 3D à faible dose dans les applications ostéo-articulaires.</i> Université Paris Cité, Paris, France - January 29, 2021.

MD, DDS thesis

Year	#	Titre
2017	1	A. Berdah. <i>Les applications cliniques de la tomographie volumétrique numérisée à faisceau conique dans les atteintes de furcation.</i> Université Paris Diderot - Paris 7 - UFR Odontologie, Paris, France - March 19, 2017.
2017	2	B. Zouaoui. <i>Etude comparative à 10 ans de recul de PTH sur séquelle d'ostéochondrite primitive de hanche et d'ostéochondrite secondaire à une luxation congénitale de hanche.</i> Université Paris Descartes - Paris 5 - UFR Médecine, Paris, France - 2017.
2017	3	L. Bettan Boccara. <i>Rôle du chirurgien dentiste dans le dépistage du diabète sucré.</i> Université Paris Diderot - Paris 7 - UFR Odontologie, Paris, France - December, 2017.
2017	4	S. Debbah. <i>Chirurgie Bariatrique et ses conséquences sur la sphère.</i> Université Paris Diderot - Paris 7 - UFR Odontologie, Paris, France - July 5, 2017.
2018	5	S. Malek. <i>Gingivite / parodontite ulcero-nécrotique : Etude rétrospective du profil des patients consultant aux urgences odontologiques du groupe hospitalier Pitié Salpêtrière.</i> Université Paris Diderot - Paris 7 - UFR Odontologie, Paris, France - March, 2018.
2019	6	A. Dos Santos. <i>Guide de coupe sur mesure versus instrumentation standard dans les prothèses totales de genou bilatérales : étude de 43 patients.</i> Université Paris Descartes - Paris 5 - UFR Médecine, Paris, France - 2019.
2019	7	A. Luong Din Giap. <i>Techniques et apports de l'impression 3D dans la reconstruction des défauts osseux parodontaux.</i> Université Paris Diderot - Paris 7 - UFR Odontologie, Paris, France - March, 2019.
2019	8	H. Bonnan. <i>Le potentiel diagnostique du fluide gingival chez les patients diabétiques atteints de parodontite chronique.</i> Université Paris Diderot - Paris 7 - UFR Odontologie, Paris, France - December, 2019.
2019	9	M. Belas. <i>Total hip arthroplasty after failed osteosynthesis of proximal femoral fractures.</i> Université Paris Cité, Paris, France - May 9, 2019.
2019	10	P. Laboudie. <i>Étude clinique et radiologique de la tige cimentée raccourcie AmisK: analyse de la migration selon la méthode EBRA-FCA à deux ans de recul minimum.</i> Université Paris Descartes - Paris 5 - UFR Médecine, Paris, France - 2019.
2019	11	T. Kavakelis. <i>Acetabular loosening of ceramic-ceramic total hip replacements. About 61 cases.</i> Université Paris Cité, Paris, France.
2020	12	E. Kierszbaum. <i>Etude prospective randomisée comparant céramique BioloX-Delta versus métal sur polyéthylène conventionnel dans l'arthroplastie de hanche primaire.</i> Université Paris Cité - UFR Médecine, Paris, France - 2020.

Document d'autoévaluation des unités de recherche

2020	13	S. Nicoules. <i>Etude prospective randomisée comparant Oxinium versus métal sur polyéthylène conventionnel et hautement réticulé à 10 ans de recul minimum dans l'arthroplastie totale de hanche.</i> Université Paris Cité - UFR Médecine, Paris, France - 2020.
2020	14	T. Duguay. <i>Les reprises de prothèses totales de hanche chez les octogénaires. Etude rétrospective de 74 reprises.</i> Université Paris Cité - UFR Médecine, Paris, France - 2020.
2021	15	A. Hallé. <i>Etude prospective randomisée comparant les résultats d'une pièce fémorale de longueur standard à une pièce fémorale raccourcie dans l'arthroplastie intermédiaire de hanche cimentée pour fracture du col de fémur.</i> Université Paris Cité - UFR Médecine, Paris, France - 2021.
2021	16	A. Partouche Bendavid. <i>Impact de la maladie parodontale sur le risque de développement du cancer épidermoïde oral.</i> Université de Paris Cité - UFR Odontologie, Paris, France - December, 2021.
2021	17	B. Valteau. <i>Résultats à 8 ans d'une étude prospective randomisée comparant le polyéthylène hautement réticulé enrichi à la vitamine E et le polyéthylène conventionnel dans l'arthroplastie totale de hanche.</i> Université Paris Cité - UFR Médecine, Paris, France - 2021.
2021	18	C. Thirion. <i>Relations entre maladies parodontales et cancers de l'œsophage.</i> Université de Paris Cité - UFR Odontologie, Paris, France - March, 2021.
2021	19	C. Zakia Naïf. <i>Connaissances, opinions et attitudes des médecins en Ile de France concernant la relation diabète – maladie parodontale «Etat des lieux de la connaissance de la Nouvelle convention dentaire pour une meilleure prise en charge du patient diabétique ».</i> Université de Paris Cité - UFR Odontologie, Paris, France - June, 2021.
2021	20	D. Toledano. <i>Observance au cours de la thérapie parodontale de soutien : Revue de littérature.</i> Université de Paris Cité - UFR Odontologie, Paris, France - December, 2021.
2021	21	L. Msika. <i>Perception et attitudes par rapport au saignement gingival: Etude sur questionnaire dans la région parisienne.</i> Université de Paris Cité - UFR Odontologie, Paris, France - December, 2021.
2021	22	M. Hocquet. <i>L'intérêt de la mélatonine dans le traitement des maladies parodontales.</i> Université de Paris Cité - UFR Odontologie, Paris, France - June, 2021.
2022	23	A. Wenger. <i>Apport des nouvelles technologies dans l'enseignement en parodontologie.</i> Université de Paris Cité - UFR Odontologie, Paris, France - June, 2022.
2022	24	E. Shitrit. <i>Résultats à 5 ans minimum de recul des tiges longues cimentées dans les reprises aseptiques de prothèses totales de hanche.</i> Université Paris Cité - UFR Médecine, Paris, France - 2022.
2022	25	M. Abergel. <i>Apports des antioxydants dans le traitement de la parodontite : revue de littérature.</i> Université de Paris Cité - UFR Odontologie, Paris, France - December, 2022.

HDR

Year	#	Titre
2017	1	M. Bensidhoum. <i>De l'acide nucléique à l'ingénierie tissulaire.</i> Université Paris Diderot - July 18, 2017.
2018	2	E. Potier. <i>Thérapie cellulaire pour la réparation de l'os, du cartilage et du disque intervertébral.</i> Université Paris Diderot - January 26, 2018.
2019	3	M. Manassero. <i>La modélisation animale en ingénierie tissulaire et en chirurgie translationnelle.</i> Université Paris Diderot - April 18, 2019.
2020	4	J-C. Aurégan. <i>Développement du diagnostic personnalisé en pathologie ostéo-articulaire complexe</i> - Faculté de Médecine Paris-Saclay - September 16, 2020.