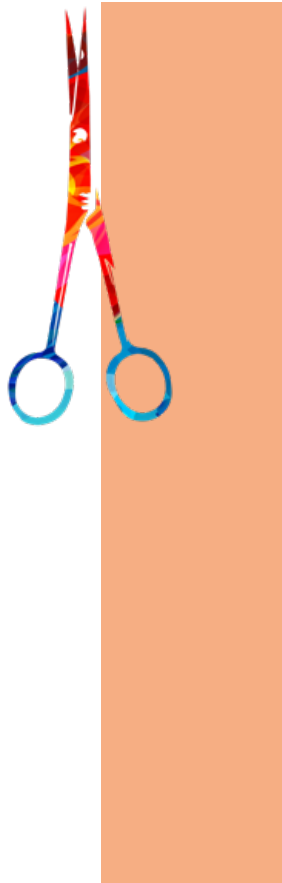


Osteoarticular Surgery Research - GICOA Group



Publications: 40

Q1: 15



RESEARCH ACTIVITY

■ Doctoral theses

Machio Candela N. Tumores malignos de las glándulas salivales: estudio retrospectivo de los pacientes tratados en el Hospital La Paz entre 2008 y 2018 [dissertation]. Madrid: UAM: 2021(16/06/2021).

Director: Gómez Barrena E.

■ Publications

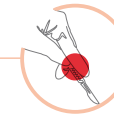
- de la Corte-Rodríguez H, Rodríguez-Merchán EC, Álvarez-Román MT, Jiménez-Yuste V. Applying world health organization 2020 guidelines on physical activity and sedentary behavior to people with hemophilia. *Expert Rev Hematol.* 2021; 14(5): 429-36. Review. IF: 2.819; Q3
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- Esteban J, Gómez-Barrena E. An update about molecular biology techniques to detect orthopaedic implant-related infections. *EFORT Open Rev.* 2021; 6(2): 93-100. Article. IF: 4.775; Q1
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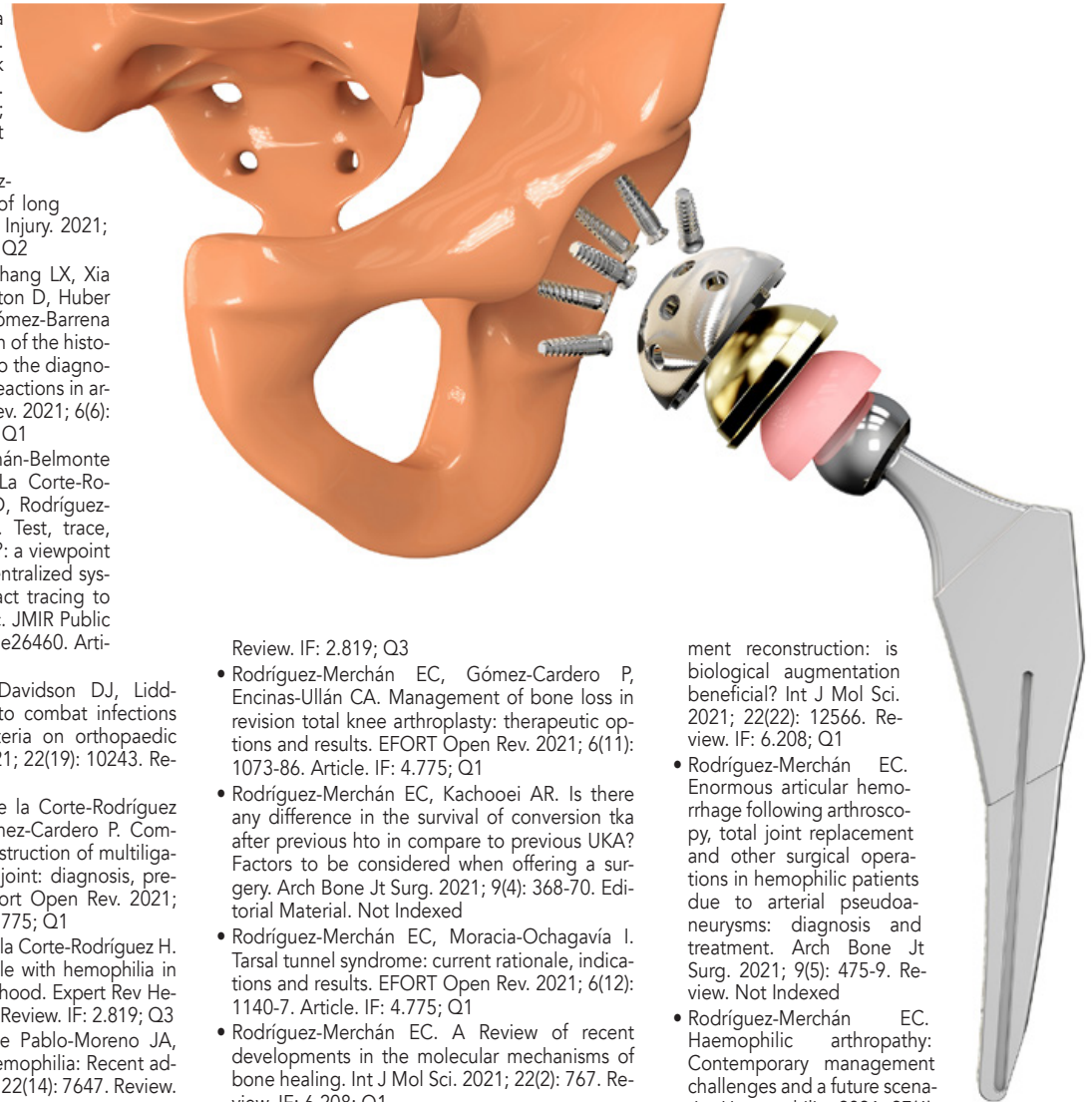


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- Gavín C, Blanco FJ, Pablos JL, Caracuel MA, Rosas J, Gómez-Barrena E, Navarro F, Coronel MP, Gimeno M. One-year, efficacy and safety open label study, with a single injection of a new hyaluronan for knee OA: The SOYA trial. *J Pain Res.* 2021; 14: 2229-37. Article. IF: 2.832; Q3
- Gómez-Barrena E, Padilla-Eguiluz NG, Rosset P, Hernigou P, Baldini N, Ciapetti G, Gonzalo-Daganzo RM, Avendaño-Sola C, Rouard H, Giordano R, Dominici M, Schrezenmeier H, Layrolle P. Osteonecrosis of the femoral head safely healed with autologous, expanded, bone marrow-derived mesenchymal stromal cells in a multicentric trial with minimum 5 years follow-up. *J Clin Med.* 2021; 10(3): 508. Article. IF: 4.964; Q2
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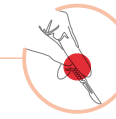


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■ Research projects

Gómez Barrena E. ORTHO-3, uso de células mesenquimales de donante expandidas para la regeneración ósea en osteonecrosis de cabeza femoral desarrrollada tras trasplante de médula ósea (P117/01844). ISCIII. 2018-2022.

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Barco Laakso R. Artoplastía de cabeza radial anatómica versus espaciador de metal de vástago liso para traumatismo de codo. Médical Simulator S. L. 2018-Ongoing.

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Barco Laakso R. Terapia celular con células troncales derivadas del tejido adiposo (ASC) para mejorar el proceso de reparación en suturas tendinosas. Unión tendón-hueso (roturas del manguito rota-

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Gómez Barrena E. Desinfección in vivo de implantes ortopédicos metálicos mediante calor generado por inducción electromagnética. Fundación Mutua Madrileña. 2020-Ongoing.

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■ Patents and trademarks

Arenas Vara MA, Conde del Campo A, De Damborenea González JJ, Matykina E, Esteban Moreno J, Gómez Barrena E, Pérez-Jorge Peremarch C, Pérez Tanoira R, inventors; CSIC, Instituto de Investigación Sanitaria Fundación Jiménez Díaz, assignees. Titanium materials anodised with fluorine. P201030720, PCT/ES2011/070342; 2010 May 14