

ABBREVIATED C.V.

ENRIQUE GOMEZ-BARRENA



Degrees and academic background

- M.D., 1987, Universidad de Zaragoza, Spain.
- Ph.D., 1992, Universidad Autónoma de Madrid, Spain.
- Internship and Residency in Orthopaedic Surgery, 1987-92, Hospital “La Paz”, Madrid, Spain.
- Orthopaedic Research Fellowship 1994, Biomechanics and Biomaterials Department, Hip and Knee Service, Hospital for Special Surgery, New York, NY, USA.
- E.C.F.M.G. (Educational Commission for Foreign Medical Graduates, Philadelphia, PA, U.S.A.), Certification, January 1994, with T.O.E.F.L. (Test of English as a Foreign Language), April 1993.

Hospital appointments

- Staff Orthopaedic Surgeon, Hospital “La Paz”, Madrid, Spain, 1993, 1995-1996
- Staff Orthopaedic Surgeon, Hospital “Ntra. Sra. De Gracia”, Zaragoza, Spain, 1996-2000.
- Staff Orthopaedic Surgeon, Fundación “Jiménez Díaz” Hospital, Madrid, Spain, 2000-2007.
- Associated Chief, Orthopaedic Surgery, Fundación “Jiménez Díaz” Hospital, Madrid, Spain, 2007-2010.
- Presently, Staff Orthopaedic Surgeon, Hospital “La Paz”, Madrid, Spain, since 2010, and Head of the Knee Unit, Hospital “La Paz”, Madrid.

Academic Appointments

- Assistant Professor, Universidad Autónoma de Madrid, 1996
- Associate Permanent Professor of Orthopaedic Surgery, Universidad Autónoma de Madrid, 2000-2010.
- Vice-Dean, Universidad Autónoma de Madrid Medical School, 2005-2011
- Presently, Full Professor and Chair of Orthopaedic Surgery and Traumatology, Autónoma University of Madrid, since 2010.

Research

Hirsch index 31, 137 JCR papers, more than 3200 quotations.

Involved in 20 national and international research grants and research networks, including:

- Management Committee of ESF (European Science Foundation) COST actions (COST-533: “Materials for Improved Wear Resistance of Total Artificial Joints”, 2003-09; COST-537: “Core laboratories for the improvement of medical devices in clinical practice from the analysis of implanted prostheses”, 2004-08) and Steering Board of REMEDIC (Regenerative MEDICine) Research Network Platform (ESF-RNP).
- Work Package leader in the Collaborative Project EU-FP7-HEALTH-2009-1.4-2, GA 241879, “REBORNE: REgenerating BOne defects using New biomedical Engineering approaches”.
- Coordinator of EU-H2020 Project SC1-PM-11-2016-2017, GA 733288, “ORTHOUNION: ORTHOpedic randomized clinical trial with expanded bone marrow msc and bioceramics versus autograft in long bone nonUNIONS”.

Involved in 14 national and international multicentric clinical trials, including:

- Principal investigator in 8 multicentric randomized clinical trials (EudraCT 1160.25, .48, .64, 2013-000930-37, 2015-003408-21, 2015-000981-70, 2016-004550-15, TMSH2), and National Coordinator in 3 of them (EudraCT 1160.25, .48, .64,).
- Chairman of DSMB (EudraCT 2017-005165-49).
- Principal investigator in 5 independent, academic clinical trials (EudraCT 2011-003218-17, 2011-005441-13, 2012-002010-39, 2015-000431-32, 2018-000886-35).

PubMed indexed papers: <https://www.ncbi.nlm.nih.gov/pubmed/?term=gomez-barrena+c>

Orcid number: <http://orcid.org/0000-0003-1065-6137>

Other relevant experience

- External expert of the Spanish National Regulator (Agencia Española del Medicamento y Productos Sanitarios AEMPS), 2016-today.
- Scientific Advisor and Committee Member, National Plan of Scientific and Technological Research, Material Science Program, Spanish Ministry of Science and Technology (2004, 05, 06, 08, 10, 11, 12, 14).

- Research project reviewer for ANEP (Agencia Nacional de Evaluación y Prospectiva, Spain), Ministry of Education and Science (Spain), ANR (Agence Nationale de la Recherche, France), Arthritis Research Fund (UK), ESF (European Science Foundation) College of Expert Reviewers 2016-19, ESA (European Space Agency).

Membership

- Member, Spanish Society of Orthopaedic Surgery and Traumatology (SECOT), since 1992 (Associate Member, 1988-92).
- Member, Spanish Society of the Knee (SEROD), since 1992. Affiliated to ESSKA.
- Member, Spanish Society of the Hip (SECCA), since 2012. Affiliated to EHS.
- International Member, American Academy of Orthopaedic Surgeons (AAOS), since 1997.
- Member, Orthopaedic Research Society (ORS), since 2000.
- Member, European Orthopaedic Research Society (EORS), since 1991; Executive Committee (2006-2016), Vice-President, EORS (2008-11), President, EORS (2011-14), Immediate Past-President and ExCom member EORT (2014-16).
- Founding member (in representation of EORS as the President), International Combined Orthopedic Research Societies federation (ICORS), October 2013.
- Member, European Society for Surgery of the Knee and Arthroscopy (ESSKA), since 2015.
- Basic Science Committee member, ESSKA, since 2016-18 and 2018-20.
- European Knee Associates (EKA-ESSKA) section member, since 2016.
- EKA-ESSKA Board member 2020-22, and ESSKA EduCom member 2020-22.
- ExCom member, European Federation of Orthopaedics and Traumatology Societies EFORT (2013-16).
- Board Member-at-Large, EFORT, 2017-20.
- Chair of Education Committee, EFORT, 2017-20.

Referee:

- Acta Biomaterialia
- Acta Orthopaedica Scandinavica, Acta Orthopaedica
- American Journal Physiotherapy
- American Journal Rehabilitation and Physical Medicine
- Applied and Environmental Microbiology
- Biomaterial Science
- Biomaterials
- Biomedical Research Therapy
- Biotechnology Advances
- BMC Musculoskeletal Disorders
- Bone Joint Journal
- Bone Joint Research
- Case reports in Orthopaedics
- Cells tissues organs
- Chemical Engineering Journal
- Clinical Orthopaedics and Related Research
- Clinical Anatomy
- Clinical Microbiology and Infection
- Computer Science Technology
- Current Pharmaceutical Design
- Diamond and related materials
- EFORT Open Reviews
- European Cells and Materials
- European Journal of Clinical Microbiology & Infectious Diseases
- Gaceta Sanitaria
- International Journal of Nanomedicine
- IOP (Biomedical Materials)
- ISRN Biomaterials
- Journal of Biomedical Materials Research A
- Journal of Biomedical Materials Research B Applied Biomaterials
- Journal of Biomechanics
- Journal of Bone and Joint Surgery [Br], Bone and Joint Journal
- Journal of Cellular and Molecular Medicine
- Journal of Clinical Medicine
- Journal of Functional Materials

- Journal of Orthopaedic Research
- Journal of Rheumatology
- Knee Surgery Sports Traumatology Arthroscopy
- MUSCULOSKELETAL SURGERY La Chirurgia degli Organi di Movimento
- Nature Reviews Rheumatology
- PLOSone
- Revista de Ortopedia y Traumatología
- Seminars in Arthritis and Rheumatism
- Stem cell International
- Stem cell Reviews and Reports
- The Knee
- The Open Orthopaedic Journal
- Tissue Engineering

Editorial Boards:

- Techniques in Knee Surgery, Lippincott Williams and Wilkins, Hagerstown MD, USA, 2002-2011
- Algia Hospital, Ergon, Madrid, 2006-2009 (Co-editor)
- The Open Orthopaedic Journal, Bentham, UK, 2007-2014
- La Chirurgia Degli Organi Di Movimento-Musculoskeletal Surgery”, Springer-Verlag, Italy, since 2009
- Journal of Surgical Case Reports, since 2012
- Clinical Orthopaedics and Related Research (International Editorial Board since 2012)
- Knee Surgery Sports Traumatology Arthroscopy (Editorial Board since 2018)
- Journal of Clinical Medicine, Orthopaedics Section (Editorial Board since 2019)

Scientific Committees

- XXI Congress SEROD, Madrid (Spain), 2002
- 13rd Annual Meeting EORS, Helsinki (Finland), 2003
- 41st National Congress SECOT, Madrid (Spain), 2004
- 16th Annual Meeting EORS, Bologna (Italy), 2006
- Chair, Organizing Committee, 3rd UHMWPE International Meeting, Madrid (Spain), 2007
- Chair, Organizing Committee, 17th Annual Meeting EORS, Madrid (Spain), 2008
- Director, UIMP course Regenerative Medicine in Orthopaedics, Santander (Spain), 2011
- 20th Annual Meeting EORS, Amsterdam (The Netherlands) 2012
- Combined Orthopaedic Research Societies, Venice (Italy), 2013
- Scientific Committee EFORT 2014-17 and 2017-20: London 2014, Prague 2015, Geneva 2016, Vienna 2017, Barcelona 2018, Lisbon 2019, Vienna 2020.
- 22th Annual Meeting EORS, Nantes (France) 2014
- 23rd Annual Meeting EORS, Bristol (UK) 2015
- 54th National Congress SECOT, Barcelona (Spain) 2017
- Scientific co-Chair, 56th National Congress SECOT, Zaragoza (Spain) 2019.



Madrid, 29 May 2020.