

Gregg Fields, Ph.D.

Executive Director at Florida Atlantic University

Boca Raton, FL, US

Gregg Fields uses chemistry to answer biological questions, many of which assist in the diagnosis and treatment of major diseases.

Biography

Gregg Fields applies chemistry in novel ways to answer important biological questions, many of which assist in the diagnosis and treatment of major diseases, such as multiple sclerosis, arthritis and cancer. Fields is a fellow of the National Academy of Inventors and a fellow of the American Association for the Advancement of Science. He is a renowned researcher who holds 7 U.S. patents. The technology developed by Fields has resulted in three commercial products, currently sold by five different companies. He has authored or co-authored more than 300 scientific publications and has presented more than 200 invited lectures.

Areas of Expertise

Extracellular Matrix Biochemistry, Matrix Metalloproteinase, Collagen, Drug Discovery, Protein Biochemistry, Chemical Biology, Solid Phase Synthesis

Affiliations

American Association for the Advancement of Science : Member, Center for Molecular Biology & Biotechnology, FAU : Director, Journal of Cellular Physiology : Editor-in-Chief

Education

University of California, San Francisco - School of Medicine
Postdoctoral Scholar Pharmaceutical Chemistry

Florida State University
Ph.D. Chemistry

University of Florida
B.S. Chemistry

Accomplishments

Elected Fellow, American Association for the Advancement of Science (AAAS)
2015

Distinguished Chair of Metalloproteinase and Multiple Sclerosis Research, TPIMS
2010-2014

Elected Fellow, National Academy of Inventors
2014

Arthritis & Chronic Pain Research Institute Lecturer, University of Florence, Italy
2011

Robert A. Welch Foundation Distinguished University Chair in Chemistry, University of Texas Health Science Center at San Antonio,
2008-2010

National Institutes of Health Research Career Development Award
1994-1999

Association of Biomolecular Resource Facilities Excellence Award in Peptide Synthesis Research
1997

McKnight-Land Grant Professorship
University of Minnesota, 1993-1995

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