

Practice Areas

- Intellectual Property

• Education

- Ph.D., Applied Physics,
Rice University (2021)
- M.S., Applied Physics,
Rice University (2020)
- M.S., Electrical
Engineering, Florida
International University
(2018)
- B.S., Electrical and
Electronics Engineering
(Magna Cum Laude),
Turgut Ozal University
(2015)

Honors

- Guest Editor to a Special
Issue in MDPI
Nanomaterials (2021)
- Guest Editor to a Special
Issue in MDPI
Biosensors (2020)
- Member of the Reviewer
Board of MDPI
Nanomaterials
(2020-Present)
- Recipient of the MDPI
Nanomaterials 2020
Outstanding Reviewer
Award
- Member of the
Turkish-American
Medical Association
(2019-Present)

Burak Gerislioglu

Patent Agent

Houston

1200 Smith Street, Suite 1400

Houston, Texas 77002-4310

Tel: 713-654-9620

Fax: 713.658.2553

Burak.Gerislioglu@chamberlainlaw.com

www.chamberlainlaw.com



As a Robert A. Welch Fellow at Rice University, Dr. Burak Gerislioglu earned his Ph.D. investigating theoretical and experimental light-matter interactions. His research outcomes yielded 44 peer-reviewed articles in leading journals and major conference proceedings, such as Materials Today, Nano Today, Nano Letters, Laser and Photonics Reviews, Materials Today Physics, AAAS Research, Biosensors and Bioelectronics, PNAS Nexus, Advanced Optical Materials, Advanced Electronic Materials, GOMACTech Conference, MRS Meeting, APS Meeting, SPIE Nanoscience + Engineering and more.

Burak serves as an invited referee for Science, Nature, WILEY, ACS, RSC, OSA, IOP, De Gruyter, Cell Press, IEEE, Elsevier, PLOS, Springer, AIP, MDPI, LIDSEN, Bentham Science Journal Families and holds two U.S. patents (10,288,563 and 9,923,267). Burak is a member of the Topical Advisory Panel of MDPI Nanomaterials' "Solar Energy and Solar Cells" section. He also serves as a Guest Editor to the MDPI Biosensors and MDPI Nanomaterials journals, where he currently sits on the Reviewer Board. He is a recipient of MDPI Nanomaterials' 2020 Outstanding Reviewer Award.

His research interests include nanotechnology, nanophotonics, plasmonics, phase-change materials, AR/VR, optical biosensors, electronics engineering, telecom, and computer architecture & information security.