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Dr. Georgia Tourassi is the founding Director of the Health Data Sciences Institute and Group Leader of Biomedical Sciences, Engineering, and Computing at the Oak Ridge National Laboratory (ORNL). Concurrently, she holds appointments as an Adjunct Professor of Radiology at Duke University and the University of Tennessee Graduate School of Medicine and as a joint UT-ORNL Professor of the Bredesen Center Data Sciences Program and Mechanical, Aerospace, and Biomedical Engineering at the University of Tennessee at Knoxville. Her research interests include artificial intelligence for biomedical applications, medical imaging, biomedical informatics, clinical decision support systems, digital epidemiology, and data-driven biomedical discovery. She served on the FDA Advisory Committee and Review Panel on Computer-Aided Diagnosis Devices, and she has served as appointed Charter member and ad hoc reviewer at several NIH Study sections. Her scholarly work has led to 11 US patents and innovation disclosures and more than 250 peer-reviewed journal articles, conference proceedings articles, editorials, and book chapters. Her research has been featured in numerous high-profile publications such as the MIT Science and Technology Review, Oncology Times and the Economist. Dr. Tourassi has served as Associate Editor of the scientific journals Radiology and Neurocomputing and as a Guest Associate Editor of Medical Physics and IEEE Journal of Biomedical and Health Informatics. She is elected Fellow of the American Institute of Medical and Biological Engineering (AIMBE), the American Association of Medical Physicists (AAPM) and the International Society for Optics and Photonics (SPIE). For her leadership in the Joint Design of Advanced Computing Solutions for Cancer initiative, she received the DOE Secretary's Appreciation Award in 2016. In 2017, Dr. Tourassi received the ORNL Director's Award for Outstanding Individual Accomplishment in Science and Technology and the UT-Battelle Distinguished Researcher Award. Dr. Tourassi holds a B.S. degree in Physics from Aristotle University of Thessaloniki, Greece and a Ph.D. in Biomedical Engineering from Duke University.