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Cigdem Gunduz Demir received her B.S. and M.S. degrees in computer engineering from Bogazici University, Turkey, in 1999 and 2001, respectively, and her Ph.D. degree in computer science from Rensselaer Polytechnic Institute, New York, in 2005. She is currently a Professor of Computer Engineering and the Associate Director of KUIS AI Center at Koc University. Before joining Koc University, she was working as a faculty member at the Computer Engineering Department at Bilkent University. She was a visiting professor at Nanyang Technological University NTU, Singapore, in Fall 2009, and Stanford University in Spring 2013. Her main research interests and projects include development of new computational methods based on deep learning and computer vision for medical image analysis. Currently, her research group works on the interdisciplinary projects in collaborations with the Departments of Pathology and Biology for the microscopic analysis of histopathological images and *in vitro* fluorescence and live cell images and with the Departments of Ophthalmology and Radiology for the analysis of images acquired with *in vivo* imaging of CT, MR, and OCT. She was a recipient of Distinguished Young Scientist of the Turkish Academy of Sciences and CAREER Award of the National Scientific and Technological Research Council of Turkey.

