Hooman H. Rashidi, M.D.

Philosophy of Care

Providing the best care possible and treating each patient's case as if they were a family member.

Clinical Interests

Dr. Rashidi's clinical interests include: blood disorders (lymphomas, leukemias, myelodysplastic syndromes, myeloproliferative neoplasms, anemias, and coagulation/hemostasis).
He also has interest in developing artificial intelligence/machine learning tools for clinical, research and educational platforms.

Research/Academic Interests

Dr. Rashidi combines his passion for patient care and education with his unique training in bioinformatics and computer programming to create innovative new tools and resources that improve clinical practice and health. Dr. Rashidi is the co-founder, developer, and senior editor of HematologyOutlines, an online atlas used internationally by medical schools and other training programs, and endorsed by the American Society of Clinical Pathology for clinical laboratory scientist and medical technologist training.
Dr. Rashidi also developed the educational app, HemeQuiz1, which includes quizzes in more than 15 categories, quick references, and a game center that allows users to compete with one another. HemeQuiz1 quickly became a top-selling medical app and available world-wide in 30 countries.
In addition to the above, Dr. Rashidi has also recently published a print version of his renowned hematology atlas which has become a top selling atlas on Amazon.
Projects currently in progress by Dr. Rashidi and his team include development of artificial intelligence/machine learning (AI/ML) platforms applicable for diagnostic, educational and research use in multiple pathology subspecialty areas and other health science disciplines. Dr. Rashidi also is leading a project to improve clotting using poly-phosphates and silica nano-particles.

Title

Professor and Vice Chair, GME
Director of Residency Program
Director of Flow Cytometry & Immunology
Department of Pathology and Laboratory Medicine

Specialty

Pathology - Hematopathology, Pathology - Clinical, Pathology and Laboratory Medicine, Bioinformatics (Artificial Intelligence/Machine Learning)

Department

Pathology and Laboratory Medicine

Division

Clinical Pathology

Address/Phone

Pathology Building, 4400 V St. Sacramento, CA 95817
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Additional Phone
Clinic Fax: 916-734-2560
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Languages
Farsi

Education
M.D., University of Texas Medical School, San Antonio TX 2003
M.S., Biology, UC San Diego, San Diego CA 1998
B.S., UC San Diego, San Diego CA 1997

Internships
Internal Medicine, Harvard Medical School/Beth Israel Deaconess Medical Center, Boston MA 2003-2004

Residency
AP/CP Pathology, Yale-New Haven Hospital, New Haven CT 2004-2008

Fellowships
Hematopathology, UCLA, Los Angeles CA 2008-2009

Board Certifications
American Board of Pathology - Hematopathology
American Board of Pathology, Anatomic Pathology
American Board of Pathology, Clinical Pathology

Professional Memberships
Academy of Clinical Laboratory Physicians and Scientists
American Society of Clinical Pathologists, Fellow
American Society of Hematology
College of American Pathologists, Fellow

Honors and Awards
Dean's Award for Excellence in Education, UC Davis School of Medicine, 2017
UC Davis Medical Center Quality Project Award (w/Dr. Dattra-Mitra), 2015
Excellence in Leadership, Employee Excellence Award, UC Davis Health, 2015
Faculty Teaching Award, UC Davis Department of Pathology, 2014
UC San Diego Medical School Kaiser Teaching Award for 1st Year Medical Students, 2010
Clinical Pathology Teacher of the Year Award, UC San Diego School of Medicine, 2009
Administrative Chief Resident, Yale Medical School, 2007

Select Recent Publications
Hooman Rashidi %26amp%3B Ralph Green. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, 6th Edition, Chapter 72. RBC Morphology and Indices and the Clinical Chemistry Interface. Elsevier. 2017.

Sonu RJ, Rashidi HH. Concurrent copper and iron deficiency in a gastric bypass patient: a great mimicker of MDS. Blood. 2015 Apr 16;125(16):2582.

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Sonu RJ, Jonas BA, Dwyre DM, Gregg JP, Rashidi HH. Optimal Molecular Methods in Detecting p190 (BCR-ABL) Fusion Variants in Hematologic Malignancies: A Case Report and Review of the Literature. Case Rep Hematol. 2015;2015:458052.

Kudela D, Smith SA, May-Masnou A, Braun GB, Pallaoro A, Nguyen CK, Chuong TT, Nownes S, Allen R, Parker NR, Rashidi HH, Morrissey JH, Stucky GD. Clotting activity of polyphosphate-functionalized silica nanoparticles. Angew Chem Int Ed Engl. 2015 Mar 23;54(13):4018-22.

Papanicolau-Sengos A, Wang-Rodriguez J, Wang HY, Lee RR, Wong A, Hansen LA, Mahooti S, Rashidi HH. Rare case of a primary non-dural central nervous system low grade B-cell lymphoma and literature review. Int J Clin Exp Pathol. 2012;5(1):89-95.

Rashidi H H, Xu D, Shafi N, Smith B, and Rose M. Utility of CD10 by flow cytometry on peripheral blood to differentiate high grade Myelodysplastic Syndrome (MDS) from low grade MDS and normal controls. Int J Clin Exp Pathol. 2012;5(3):224-230.

Hooman H. Rashidi MD %26amp%3B John C Nguyen MD. “Hematology Outlines” Hematology Atlas %26amp%3B Glossary App for iPhone and iPad. April 2012

Hooman H. Rashidi %26amp%3B Scott Rowley, Rossi's Principles of Transfusion Medicine, 4th ed. Chapter 34 Clinical Autologous Transplantation. AABB Press, Feb 3rd 2009.

Hooman H. Rashidi %26amp%3B Lukas K. Buehler, Bioinformatics Basics: Applications in Biological Science and Medicine (2nd Edition) CRC Press LLC, Boca Raton, 2005.

Rashidi, H. H., Bauer, M., Patterson, J., and Smith, D. D. Sequence Motifs Determine Structure and Ca++-binding by EF-hand Proteins. J. Mol. Microbiol. Biotechnol. 1999 1(1): 175-182.

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Hooman H. Rashidi MD %26amp%3B John C Nguyen MD. “Hematology Outlines: Atlas and Glossary”. R%26amp%3BN Academic Press LLC, November 2017

Hooman H. Rashidi %26amp%3B Lukas K. Buehler. Grundriss der Bioinformatik: Anwendungen in den Biowissenschaften und der Medizin Spektrum Akademischer Verlag, Heidelberg. Berlin, 2001

Hooman H. Rashidi %26amp%3B Lukas K. Buehler. Bioinformatics Basics: Applications in Biological Science and Medicine (1st edition) CRC Press LLC, Boca Raton, 1999.

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