

Anwar A. Rjoop, M.D.

Curriculum Vitae.

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Personal Data

Address: Jordan University of Science and Technology
Department of pathology
P.O.Box 3030, Irbid 22110, Jordan

Contact information: Phone: +962-79-6958408
AArjoop@just.edu.jo

Citizenship: Jordan

Languages: English, Arabic

Linkedin: www.linkedin.com/in/anwar-rjoop-57595854

Research gate: <https://www.researchgate.net/profile/Anwar-Rjoop>

Google scholar: <https://scholar.google.com/citations?user=VJ-v1YgAAAAJ&hl=en>

ORCID ID: <https://orcid.org/0009-0008-9131-1555>

JUST web page: <https://www.just.edu.jo/~aarjoop/>

Current position: Assistant professor, College of Medicine, Department of Pathology and Microbiology, Jordan University of Science and Technology

Education

Medical School	7/2002-6/2008	Jordan University for Science and Technology, Irbid, Jordan College of Medicine
Internship student	7/2008-7/2009	Ministry of health, Irbid, Jordan Queen Basma Hospital
Post-Graduate Education		
Residency in Anatomic Pathology	7/2009-6/2013	King Abdullah University Hospital, Irbid, Jordan
Master's degree in higher studies in Medicine (pathology)	7/2009-6/2013	Jordan University for science and Technology, Irbid, Jordan
Residency in Anatomic and Clinical Pathology	7/2013-6/2017	University of Arkansas for Medical Sciences, Little Rock, AR

Post-Graduate Education

Fellowship in Hematopathology	7/2017-6/2018	University of Arkansas for Medical Sciences Little Rock, AR
Advanced training in transfusion medicine and blood bank	9/2019-9/2020	University of Arkansas for Medical Sciences, Little Rock, AR

Academic appointments:

11-2020- present:

Assistant professor, College of Medicine, Department of Pathology and Microbiology,
Jordan University of Science and Technology

9/2018- 9/2019:

Assistant professor, College of Medicine, Department of Basic Medical Science, Yarmouk
University (Jordan)

M.D. Licensure:

May 2019- present Arkansas state (USA) medical license
August 2013 - present Jordan medical council (Anatomic pathology)
August 2008 – present Jordan medical council (General physician)

Certifications:

Certificate of advanced training in transfusion medicine (UAMS)	9/2020
American board of Hematopathology	9/2018
American Board of Pathology (ABP) of anatomic pathology	8/2017
American Board of Pathology (ABP) of clinical pathology	8/2017
Jordanian Board in Anatomic Pathology	9/2013

Membership in Professional Societies:

Jordanian Society of Pathology (JSP)
College of American Pathologists (CAP)
American Society for Clinical Pathology (ASCP)
Association for the Advancement of Blood & Biotherapies (AABB)

Medical directorship and administrative activities

Lab and pathology service line junior director: Oversaw the clinical lab, reference lab, and cell saver service. Quality control project (cell saver) Staff training. Review and update general procedures and policies	December 2015-December 2016
Intraoperative cell salvage team supervisor	December 2015-December 2016
CD 41 immunohistochemical stain validation	June 2016
Automated nRBC correction	March 2016
Cytology-hematology correlation (monthly)	July 2017- July 2018
H&E stain and Iron stain quality control (daily)	July 2017- July 2018
Apheresis lab instructor	September 2019-September 2020
Transfusion service and blood bank medical director	January 2021- present

Service with National Professional Organizations

Inspection Team Member, CAP June 2016 – present

Performed One inspection of outside laboratories and two self-inspections: Anatomic Pathology, Immunology, Transfusion Medicine, Virology, Special Chemistry & Microbiology checklists.

Committee services:

IRB committee at Yarmouk university	9/2018- 9/2019
ACGME pathology program accreditation committee	7/2022- present
Social committee (deanship of medicine)	7/2023- present
Blood bank committee (King Abdullah University Hospital)	9/2023- present

Peer review and editorial activity:

Guest Associate editor: *Frontiers in Medicine* (Q1 Journal)

Special issue: "Process-based and Informatics-enabled Regulatory Healthcare" (55478)

2023 Am J Case Rep: manuscript ID: 941968

Malignant rhabdoid tumor of liver in a 5-month-old female: A rare Case Report

2023 *Frontiers in Medicine*: Manuscript ID: 1275347

Challenge of an intelligent decision support system for hearing aid selection and acquisition: experience from Lithuania

Honors and Awards

UAMS pathology research symposium (first place winner)	5/2018
Resident award/Queen of O&P (Ova & Parasite)	5/2014
Group coordinator/medical school	7/2011-6/2012
Communication Skills Workshop	9/2006

Teaching

Medical students, Jordan University of Science and Technology	11/2020- present
Pathology residents, Jordan University of Science and Technology	11/2020 - present
AP/CP resident teaching at UAMS Pathology residents, lab technologists and medical students	7/2013-6/2017
teaching through monthly didactics, medpath conference, seminars and supervising first year residents in transfusion medicine orientation month	
Pathology resident mentorship Supervised and mentored first year resident through the first year of their training	7/2016-6/2017
Pathology Preceptor, Human Structure Module Supervised anatomy lab for third year medical students and helped in examining lesion and taking biopsies and judged the final presentations	7/2015 -6/2016
Medical Hematopathology Fellowship Prepared and delivered didactic lectures for pathology. residents, hematology-oncology fellows and attending physicians (2/month). Prepared and presented multiple tumor boards including Myeloma Conference(1/month) and hematology tumor board(2/month).	7/2017-6/2018

Master students:

Master thesis co-supervisor: Modeling and Automation of Blood Banking and Transfusion Processes: A Systematic Mapping Literature Review	June 2021-January 2023
Master thesis primary supervisor: LEF-1 expression in acute leukemia- A comparison of different diagnostic methods	July 2022- present

Publications

1. Khaled J. Ata, Hani N. Farsakh, **Anwar Rjoop**, Ismail Matalaka, Liqa A. Rousan. Alveolar Soft Part Sarcoma of the Extremity: Case Report and Literature Review: *World J Oncol* 2014;5(1):47-51.
2. Krishna Joshi, Kevin Kuriakose, Rahul Ravilla, Yogita Rochlani, **Anwar Rjoop**, Daisy Alapat, AppalaNaidu Sasapu. Epstein-Barr Virus-Induced Polymorphic Nodal Lymphoproliferative Disorder Presenting as Recurrent Fever and Scrotal Swelling: A Case Report and Review of Literature: *Journal of medical cases* 7(8):354-357 · December 2015
3. **Anwar Rjoop** · Ericka Olgaard · Albert Johnson **Victoria** Booker **Intraoperative** Cell Salvage: A Unique Performance Model in a Large Academic Center *CAP Archives* Sep 2016
4. Post GR, Bell RC, **Rjoop A**, Lobo RH, Yuan Y, Post SR. Diagnostic Utility of Interleukin-6 Expression by Immunohistochemistry in Differentiating Castleman Disease Subtypes and Reactive Lymphadenopathies *Ann Clin Lab Sci*. 2016 Sep;46(5):474-9. PMID: 27650613
5. **Anwar Rjoop** · Soumya Pandey · Rebecca A. Levy : A rare case of follicular lymphoma with transformation to diffuse large B-cell lymphoma and transdifferentiation to histiocytic sarcoma . *Case Reports in Clinical Pathology* 2016, Vol. 3, No. 4
6. Abigail Russ, **Anwar Rjoop**, Rebecca A. Levy, Ginell Post: A Female Infant With Vomiting and Failure to Thrive. *Clinical Pediatrics* · November 2017
DOI: 10.1177/0009922817738348
7. **A Rjoop**, S Pandey, G Insuasti, RL Henrich, . . . : Molecular Subtypes of Plasma Cell Neoplasms with Circulating Neoplastic Plasma Cells. *Blood* 2017 130:438
8. **A Rjoop**, RHLobo, S Pandey, D Alapat: Plasma Cell Neoplasms (PCNs) With Low-Risk, Favorable Gene Expression Subtypes Are More Often Associated with Therapy-Related Myelodysplastic Syndrome (t-MDS) *American Journal of Clinical Pathology*, 2018
9. **Anwar Rjoop**, Kimberley Sanderson, Victoria Booker, Diane Hopper and Ericka Olgaard: Unique Model for Intraoperative Cell Salvage Staffing, *Annals of clinical pathology*, October 2018, ISSN: 2373-9282
10. **Anwar Rjoop**: Tubular Adenoma with a Concurrent Fibroadenoma: A Rare Disease with a Rare Occurrence *Archives of pathology and laboratory medicine*, Volume 145, Issue 9, September 2021
11. **Anwar Rjoop**, Marwa Barukba , Omar Al Rousan: A rare case of post COVID-19 hemophagocytic lymphohistiocytosis in a pediatric patient. *American Journal of Clinical Pathology* 156(Supplement_1):S93-S93. October 2021. DOI: 10.1093/ajcp/aqab191.198

Abstracts and Posters

1. Aditya Chada · Krishna Siva Sai Kakkera · **Anwar Rjoop** · Nikhil Meena An Unusual Case of Cryptococcal Pleural Effusion. Oct 2016 · Chest annual meeting.
2. A. Prince¹, R. Purushothaman¹, C. Colaco, **A. Rjoop**, R. Jagana; Recurrent Cough And Shortness Of Breath - An Interesting Case Of Disseminated Histoplasmosis In An Immunocompetent Patient American Thoracic Society 2016 International Conference Paper May 2016
3. **Anwar Rjoop, Ericka** Olgaard · Albert Johnson **Victoria** Booker **Intraoperative** Cell Salvage: A Unique Performance Model in a Large Academic Center. Collage of American Pathologists annual meeting 2016
4. **Anwar Rjoop**, Rebecca A. Levy **Article:** A rare case of follicular lymphoma with transformation to diffuse large B-cell lymphoma and transdifferentiation to histiocytic sarcoma . College of American Pathologists annual meeting 2016
5. **Anwar Rjoop**, Soumya Pandey, Giovani Insuasti, Rodolfo Lobo Henrich, Carolina D. Schinke, Maurizio Zangari, Frits van Rhee, Gareth J. Morgan, Faith E Davies, and Daisy Alapat: Molecular Subtypes of Plasma Cell Neoplasms with Circulating Neoplastic Plasma Cells. The American Society of Hematology annual meeting 2017
6. A Albashaireh, A Goel, A Kattoor, G Krishnan, **A Rjoop**, K Vyas: Secondary HLH in HIV patient with disseminated Histoplasmosis, Cryptococcosis and Toxoplasmosis. American college of physicians ACP Arkansas Chapter Sept 7th, 2018
7. **Anwar Rjoop**, Soumya Pandey, Rodolfo Henrich Lobo and Daisy Alapat: Plasma Cell Neoplasms (PCN) with Low-risk, Favorable Gene Expression Subtypes Are More Often Associated with Therapy Related Myelodysplastic Syndrome (t-MDS). American Society for Clinical Pathology, October 3rd, 2018
8. **Anwar Rjoop**, Fatimah Al-qaisi, and Shaden Abu baker: Tubular Adenoma with a Concurrent Fibroadenoma: A Rare Disease With a Rare Occurrence. College of American Pathologists 2021 (CAP21), September 25, 2021
9. **Anwar Rjoop**, Marwa Barukba , Omar Al Rousan: A rare case of post COVID-19 hemophagocytic lymphohistiocytosis in a pediatric patient. American Society for Clinical Pathologists ASCP2021, October 27, 2021

Oral presentations at national and international conferences:

1. **Anwar Rjoop**, Giovanni Insuasti-beltran, Daisy Alapat; Occult myeloid sarcoma with ASXL1 mutation. **Society for Hematopathology/European Association for Haematopathology 2017 workshop Conference**, September 2017, case number 28
2. **A Rjoop**, G Post, S Pandey, J Ramos, D Alapat: Pediatric Chronic myeloid leukemia (CML) in pediatric population: Two cases with unusual presentations. International Academy of Pathology XXXII congress, October 2018.

Invited speaker:

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1. Introduction to transfusion medicine. International Pathology School, The Royal College of Pathologists, in collaboration with the Jordan University of Science and Technology. 29th-30th January 2021.
 2. Transfusion in cancer patients, International medical conference (X), Jordan, May 2022.
 3. Patient safety: methods & tools for avoiding errors in the health system. The First International Conference of the Patient Protect Coalition (PPC), Jordan, June 2022.
 4. Platelet Transfusion in adults: challenges and outcomes 10th International Conference of the Royal Medical Services. Dead sea, Jordan. March 2023
 5. Overview of transfusion transmitted diseases and methods of prevention 1st Jordanian international convention of transfusion and hematopoietic stem cells, Amman, Jordan, March/2023
 6. 2022 Guidelines for the Management of Transfusion Dependent thalassaemia (TDT) Thalassaemia International Federation, Amman, Jordan, March/2023.

REFEREES

Jennifer Laudadio, M.D.

Associate Professor
Medical Director, Molecular Pathology
Director, Residency Training Program
Department of Pathology
University of Arkansas for Medical
Sciences 4301 W. Markham St. Slot 517
Little Rock, AR 72205
Office +1 (501) 686-8073
JLaudadio@uams.edu

Ginell Post, MD.

Associate Professor
Director, Hematopathology Fellowship Training Program
Department of Pathology University of Arkansas for Medical
Sciences 4301 W. Markham St. Slot 517 Little Rock, AR
72205 Office +1 (501) 526-6776
GPost@uams.edu

Soumya Pandey

Assistant Professor
Hematopathology/Transfusion Medicine/HLA
Department of Pathology
University of Arkansas for Medical Sciences
4301 W Markham St., Slot 502
Little Rock, AR 72205
Office +1 (501) 686-5491
SPandey@uams.edu

Ismail Matalka , FRCPath

Professor of Pathology & Laboratory Medicine
School of Medicine & King Abdullah University Hospital
Jordan University of Science & Technology
Irbid – JORDAN
Office: +962-2-7200600
Mobile: +962-79-5651223
imatalka@hotmail.com