**CURRICULUM VITAE**

**VANESA BIJOL, M.D.**

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**Employment:**

**10/2023 - Present Renal Pathologist**

**Arkana Laboratories**

**10810 Executive Center Drive**

**Suite 100**

**Little Rock, AR 72211**

**Telephone: 501.605.2649**

**Place of Birth: Bosnia-Herzegovina**

**Education**

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| --- | --- | --- | --- |
| 09/1989 – 11/1996 | M.D. | Medicine | University of Zagreb, Croatia |

**Postdoctoral Training**

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| --- | --- | --- | --- |
| 09/1998 – 03/1999 | Postdoctoral Research Fellow | Neurology (PI: Leon Ebstein) | University of Rochester, Rochester, NY |
| 04/1999 – 04/2000 | Postdoctoral Research Fellow | Biochemistry and Biophysics (PI: Alan Senior) | University of Rochester |
| 05/2000 – 06/2004 | Resident (Anatomic and Clinical Pathology) | Pathology and Lab Medicine | University of Rochester |
| 07/2004 – 06/2005 | Kidney Pathology Fellow | Pathology and Lab Medicine – Kidney Pathology Service | Brigham and Women’s Hospital |
| 07/2004 – 06/2005 | Clinical Fellow in Pathology |  | Harvard Medical School, Boston, MA |
| 07/2013 – 06/2014 | Medical Education Fellow | Academy, Harvard Medical School | Harvard Medical School |

**Faculty Academic Appointments**

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| --- | --- | --- | --- |
| 07/2005 – 02/2009 | Assistant Professor of Pathology | Pathology and Lab Medicine | Emory University, School of Medicine Atlanta, GA |

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| 03/2009 – 01/2014 | Instructor in Pathology | Department of Pathology | Harvard Medical School |

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| 08/2013 – 06/2016 | Visiting Associate Professor of Pathology | Division of Nephrology, Department of Internal Medicine | Kaohsiung Medical University, Taiwan |
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| 01/2014 – 05/2017 | Assistant Professor of Pathology | Department of Pathology | Harvard Medical School |

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| 07/2017 – 03/2021 | Associate Professor of Pathology | Department of Pathology & Laboratory Medicine | Zucker School of Medicine at Hofstra/Northwell |

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| 03/2021 – 07/2023 | Professor of Pathology | Department of Pathology & Laboratory Medicine | Zucker School of Medicine at Hofstra/Northwell |

**Appointments at Hospitals/Affiliated Institutions**

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| --- | --- | --- | --- |
| 07/2005-02/2009 | Pathologist | Pathology and Lab Medicine – Kidney Pathology Division | Emory Clinic and Emory University Hospital |

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| 03/2009 – 05/2017 | Pathologist | Department of Pathology | Brigham and Women’s Hospital |

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| 07/2017 – Present | Pathologist | Department of Pathology | Northwell Health NSLIJHS |

**Major Administrative Leadership Positions**

***Local***

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| --- | --- | --- |
| 02/2008-02/2009 | Director, Kidney Pathology Fellowship | Emory University School of Medicine |

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| 03/2009 – 05/2017 | Associate Director, Kidney Pathology Fellowship | Brigham and Women’s Hospital |

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| 01/2010 – 05/2017 | Course Director for the Pathology Curriculum – Renal Pathophysiology Course | Harvard Medical School |

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| 03/2015 – 05/2017 | Clerkship Director for Clinical Pathology | Harvard Medical School, Brigham and Women's Hospital |
| 07/2016 – 05/2017 | Course Director for Faculty Development, “Training To Teach” | Harvard Medical School, Office of Global Education |

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| 07/2017 – Present | Chief, Renal Pathology | Northwell Health |

**Committee Service**

***Local***

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| 01/2010 – 2017 | Office for Multicultural Careers Advisory Committee | Brigham and Women’s Hospital |

***National*** ***and International***

|  |  |  |
| --- | --- | --- |
| 01/2008 – 01/2009 | Training Committee | Renal Pathology Society |
| 01/2010 – 01/2011 | Financial Committee | Renal Pathology Society |
| 01/2011 – 01/2012 | Educational Committee | Renal Pathology Society |
| 01/2011 – 01/2012 | ASCP Pathology Knowledge Framework Group (Renal Pathology Group) | ASCP (American Society for Clinical Pathology) |
| 01/2014 – 01/2017 | Program Committee | Renal Pathology Society |
| 01/2019 – Present | Renal Pathology Working Group | International Society of Nephrology |
| 01/2018 – Present | ANIO Renal Pathology Committee (American Nephrologists of Indian Origin) | International Society of Nephrology |
| 01-2020 - Present | North American And Caribbean Regional Board | International Society of Nephrology |
| 01-2021 - Present | International Pathology Conference Working Group | Renal Pathology Society |

**Professional Societies**

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| --- | --- |
| 2000 – 2009 | American Medical Association |
| 2001 – 2009 | United States and Canadian Academy of Pathology |
| 2005 – Present | Renal Pathology Society |
| 2005 – Present  2014 - 2017 | International Society of Nephrology  Academy at Harvard Medical School |

**Editorial Activities**

2012 - Present Advisory Board Member for American Journal of Kidney Diseases

2014 – 2017 Editorial Board Member for Bosnian Journal of Basic Medical Sciences

*Ad hoc* Reviewer:

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| 2008 – Present | American Journal of Kidney Diseases |
| 2005 – 2017 | Molecular Basis of Disease |
| 2005 – 2017 | Biologics: Targets & Therapy |

**Honors, Awards and Prizes**

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| 2010, 2011, 2012 | Award of Merit | Kaohsiung Medical University, Taiwan | Teaching |

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| 07/2013 – 06/2014 | Morgan-Zinsser Academy Fellowship in Medical Education | Academy, Harvard Medical School, Boston | Medical Education |

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| --- | --- | --- | --- |
| 01/2016 | Nominated for Bernard Lown Award for Excellence in Teaching | Brigham and Women’s Hospital, Boston | Teaching |

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| 05/2019 | Northwell Health Teacher of the Year 2018/19 | Zucker SOM at Hofstra / Northwell | Teaching |

**Report of Funded and Unfunded Projects**

**Funded projects**

***Past***

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| --- | --- | --- |
| 01/2011 – 01/2014 | Co-Investigator | Biomarkers of Kidney Pathology |
| NIH-NIDDK National Institute of Diabetes and Digestive and Kidney Diseases (R01DK093574-01A1) (PI: Sushrut Waikar, Nephrology, Brigham and Women’s Hospital) | | |
| Chronic kidney disease affects about 30 million adults in the US. Novel non-invasive biomarkers may provide clarification of the underlying pathobiological processes in chronic kidney disease. We are testing whether urinary biomarkers may predict histopathologic findings on kidney biopsy and those that show strongest association will further be studied by immunohistochemistry studies. | | |

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| 01/2012 – 01/2014 | Co-Investigator | Genetic reduction in fibrinogen protects from progression of acute kidney injury to chronic kidney disease |
| Pathology of tubular epithelial cell injury in human and animal models (PI: Vishal Vaidya, Nephrology, BWH). We studied the genetic modification of fibrinogen expression in mice and found that heterozygosity allows maintenance of a critical balance of fibrinogen that enables regression of initial injury and promotes faster resolution of kidney damage. I have performed extensive histologic and immunofluorescence microscopy evaluation of tissue samples in these animals. Further studies are performed to evaluate the role of fibrinogen in progression to chronic kidney disease. | | |

**Current Unfunded Projects**

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| 01/2018 – present | Principal Investigator | Clinicopathologic correlations in patients undergoing tumor nephrectomy procedures |
| We have established a database with relevant clinical and laboratory details in patients undergoing nephrectomy procedures. We are correlating this information with tumor pathology and medical kidney evaluation to better identify patients at risk of chronic kidney disease after the nephrectomy procedure | | |

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| 03/2020 – present | Co-Investigator | Clinical and pathological characteristics of drug induced vasculitis |
| Systemic vasculitis triggered or mediated by anti-neutrophil cytoplasm antibodies have been associated with the use of drugs (hydralazine, allopurinol, and others). We are establishing clinicopathologic correlation in our cases of vasculitis and analyzing detailed clinical, laboratory, and histopathologic characteristics of our patients with kidney involvement. | | |

**Report of Local Teaching and Training**

**Teaching of Medical Students in Courses**

University of Rochester, School of Medicine

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| --- | --- |
| 01/2001 – 06/2004 | Facilitator in Problem Based Learning; Presentation of focal segmental sclerosis |
| Second-Year Medical Students | Three two-hour sessions per year |

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| 01/2001 – 06/2004 | Medical Student Integrated Systems Course; Laboratory Instructor (GU, GI, and bone pathology) |
| Second-Year Medical Students | Three sessions per year |

Emory University, School of Medicine

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| --- | --- |
| 07/2006 – 02/2008 | Immune Mechanisms of Glomerular Disease  Glomerular Diseases I  Tubulointerstitial Diseases |
| First- and Second-Year Medical Students | Didactic lectures, one per year |

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| --- | --- |
| 01/2008 | Facilitator in Problem Based Learning |
| First-Year Medical Students | Two two-hour sessions |

Brigham and Women's Hospital, Harvard Medical School

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| --- | --- | --- |
| 03/2009 – 05/2017 | Student Tutorial - Basics of Kidney Pathology; Basics of Transplant Pathology | |
| Fourth-Year Medical Students; rotation through the Pathology Department or Transplant Surgery rotation | Brigham and Women’s Hospital - Harvard Medical School | One one-hour lectures (approx. 4 times per year) |

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| 05/2009 | Human Systems Module II – Renal Pathophysiology Laboratory | |
| Second-Year Medical Students | Harvard Medical School | 3 Laboratory Sessions |

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| 01/2010 – 12/2016 | Human Systems Module II – Renal Pathophysiology Course (IN 757.REN), Director of Renal Pathology Section | |
| Second-Year Medical Students | Harvard Medical School | 3 Didactic lectures per year:  3 Laboratory Sessions |

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| 04/2015 – 05/2017 | HMS Pathways, Homeostasis 2, Director of Renal Pathology Section | |
| First-Year Medical Students | Harvard Medical School | 3 Laboratory Sessions |

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| 04/2013 – 12/2015 | Health Sciences & Technology (HST) – Renal Pathology | |
| First-Year Medical Students | Harvard Medical School | Workshop (3x 1.5 hour interactive sessions) |

Northwell Health, Zucker SOM at Hofstra

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| 07/2017 - 06/2023 | Renal Pathology - Workshop (2 hours interactive session) | |
| Second-Year Medical Students | Zucker SOM at Hofstra |  |

**Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**

Emory University, School of Medicine

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| --- | --- | --- |
| 07/2006 – 02/2008 | Kidney Pathology for Pathology Boards | |
| Senior Pathology Residents | Emory University, SOM | One hour lecture per year |

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| 07/2005 – 02/2008 | Renal Pathology Curriculum | |
| Pathology Residents; Nephropathology Fellows; Nephrology Fellows | Emory University, SOM | 4-6 times each, one hour lecture per year |

Brigham and Women's Hospital, Harvard Medical School

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| 03/2009 – 05/2017 | Renal Pathology Curriculum | |
| Nephropathology Fellows | Brigham and Women’s Hospital, Harvard Medical School | 4 one-hour lectures / per year |
| 07/2009 – 05/2017 | Summer Teaching Conferences:  Renal Pathology For General Pathologists  Renal Pathology Curriculum (set of 6 lectures) | |
| Pathology Residents | Brigham and Women’s Hospital, Harvard Medical School | One-hour didactic lectures |

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| 03/2009 – 05/2017 | Surgical Pathology Teaching Conferences:  Renal Pathology Lectures and Case Presentations (set of 6 lectures) | |
| Pathology Residents | Brigham and Women’s Hospital, Harvard Medical School | 6 x 1-hour didactic lectures |

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| 01/2011 – 05/2017 | Mechanism and diseases of the nephritic and nephrotic syndrome  Kidney Transplant Pathology  Nephrology Self-Assessment Program for Renal Pathology  Patterns of Glomerular Injury | |
| Nephrology Fellows | Brigham and Women’s Hospital, Harvard Medical School | One-hour didactic lectures (approx. 2-3 per year) |

Northwell Health, Zucker SOM at Hofstra

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| 07/2017 – 07/2023 | 3-4 didactic lectures per year, including Introduction, Mechanisms of nephrotic and nephritic lesions, Nephropathology for general pathologists, Secondary focal sclerosis and progression of disease | |
| Pathology Residents | Northwell Health, Zucker SOM at Hofstra | One-hour didactic lectures |

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| 07/2017 – 09/2023 | 4-5 didactic lectures per year – including Introduction, Mechanisms of nephrotic and nephritic lesions, Basics of transplant pathology | |
| Nephrology Fellows | Northwell Health, Zucker SOM at Hofstra | One-hour didactic lectures |

**Clinical Supervisory and Training Responsibilities**

Emory University, School of Medicine

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| --- | --- | --- | --- |
| 01/2006 – 02/2009 | Training of Medical Students, Pathology Residents, and Nephrology Fellows in Kidney Biopsy Interpretation | Emory Clinic at University Hospital | Two hour sessions daily |

Harvard Medical School

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| 03/2009 – 05/2017 | Training of Medical Students, Pathology Residents, and Nephrology Fellows in Kidney Biopsy Interpretation | Brigham and Women's Hospital | Two hour session daily |

**Formally Supervised Trainees**

Emory University, School of Medicine

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| --- | --- | --- |
| 02/2007 – 02/2008 | Adela Cimic, M.D. | Renal Pathologist, Stony Brook Hospital, NY |
| International Society of Nephrology Scholarship, Clinical Kidney Pathology Fellowship;  Under my supervision, published a study on BK-virus nephropathy and a case report on secondary membranous nephropathy | | |

Brigham and Women's Hospital, Harvard Medical School

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| 03/2008 – 06/2009 | Maura Dejoseph, D.O. | Forensic Pathologist, Suffolk County Medical Examiner, Hauppauge, NY |
| Clinical Kidney Pathology Fellowship | | |

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| 07/2009 – 06/2010 | Lauren Herrera, M.D. | Renal Pathologist, Mayo Clinic, Rochester, MN |
| Clinical Kidney Pathology Fellowship | | |

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| 07/2010 – 06/2011 | Astrid Weins, M.D., Ph.D. | Renal Pathologist, Brigham and Women’s Hospital |
| Clinical Kidney Pathology Fellowship | | |

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| 07/2011 – 06/2013 | Ibrahim Batal, M.D. | Renal Pathologist, Columbia University NY |
| Clinical Kidney Pathology Fellowship;  Together published a book chapter on renal scleroderma crisis and a review paper on antibody-mediated rejection, as well as two case reports | | |

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| 07/2013 – 06/2014 | Cathryn Byrne-Dugan, M.D. | Surgical Pathology Fellow, BWH, Boston |
| Clinical Kidney Pathology Fellowship | | |
| 07/2014 – 06/2016 | Michifumi Yamashita, M.D., Ph.D. | Renal Pathologist, Cedars Sinai, LA |
| Clinical Kidney Pathology Fellowship | | |

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| 07/2016 – 06/2017 | Yanli Ding, M.D., Ph.D. | Renal Pathologist, University of Texas, San Antonio, TX |
| Clinical Kidney Pathology Fellowship | | |

**Formal Teaching of Peers**

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| 08/2010 | “Renal Transplantation for the Boards” | Case studies |
| The Brigham Renal Board Review Course | | Department of Continuing Education, Harvard Medical School -- Department of Medicine, Brigham and Women’s Hospital  (1 half hour lecture) |

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| 08/2011 | “Clinicopathologic correlation – case presentation”  “Renal Transplantation for the Boards” – case discussions  “Allograft Pathology” – didactic lecture | Case studies; didactic lecture  (3 half hour lecture) |
| The Brigham Renal Board Review Course | | Department of Continuing Education, Harvard Medical School -- Department of Medicine, Brigham and Women’s Hospital |

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| 08/2012 -08/2015 | “Clinicopathologic correlation – case presentation”  “Allograft Pathology – didactic lecture” | Case studies; didactic lecture  (2 half hour lecture) |
| The Brigham Renal Board Review Course | | Department of Continuing Education, Harvard Medical School -- Department of Medicine, Brigham and Women’s Hospital |

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| --- | --- | --- |
| 01/2013 - 12/2017 | Clinicopathologic correlations | One hour interactive case presentation (Webinar); 1-2 per month |
| ISN – ANIO CNC Webinar | | International Society of Nephrology - Clinical Nephropathology Certificate Program, Co-Chair |

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| 03/2015 - 03/2017 | Medical Renal Pathology for General Pathologists | Short Course (3 hour presentation) |
| United States and Canadian Academy of Pathology (USCAP) | | Short Course Co-Director |

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| 03/2015 - 03/2017 | Clinicopathologic Correlations | USCAP – Evening Subspecialty Conference |
| United States and Canadian Academy of Pathology (USCAP) | | Moderator |

Northwell Health, Zucker SOM at Hofstra

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| --- | --- | --- |
| 07/2017 - Present | Clinicopathologic correlations | One hour interactive case presentation (Webinar); 2-3 per month |
| ISN – ANIO CNC Webinar | | International Society of Nephrology - Clinical Nephropathology Certificate Program, Co-Chair |

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| 03/2018 | Medical Renal Pathology for General Pathologists | Short Course (3 hour presentation) |
| United States and Canadian Academy of Pathology (USCAP) | | Short Course Co-Director |

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| 03/2018 | Clinicopathologic Correlations | USCAP – Evening Subspecialty Conference |
| United States and Canadian Academy of Pathology (USCAP) | | Moderator |

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| 03/2018 - 03/2020 | Medical Education in Pathology; An Update on Principles and Practices | Short Course (3 hour presentation) |
| United States and Canadian Academy of Pathology (USCAP) | | Short Course Co-Director |

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| 03/2022 - 03/2023 | Updating Pathology Education for the 21st Century: How to Make Pathology Training Inclusive, Engaging, and Relevant | Short Course (3 hour presentation) |
| United States and Canadian Academy of Pathology (USCAP) | | Short Course Co-Director |

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| 07/2021 - present | GlomCon Virtual Fellowship | Online-based certificate program for nephrologists |
| GlomCon | | Renal Pathology Director |

**Local Invited Presentations**

(No presentations below were sponsored by outside entities)

Emory University, School of Medicine

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| --- | --- | --- |
| 09/2006-02/2008 | Clinicopathologic correlations | Case presentations (1 hour monthly) |
| Emory Transplant Clinic, Emory SOM | |  |

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| 01/2006-02/2008 | Clinicopathologic correlations | Case presentations (1 hour monthly) |
| Pediatric Transplant Nephrology, Egleston Hospital, Children’s Healthcare of Atlanta | |  |

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| 01/2006-02/2008 | Clinicopathologic correlations | Case presentations, Grand Rounds  (1 hour monthly) |
| Department of Medicine, Division of Rheumatology Emory SOM | |  |

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| 01/2008 | “Transplant glomerulopathy” | Invited lecture, The Transplant Center Noon Symposium (1 hour) |
| Emory Transplant Clinic, Emory SOM | |  |

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| 02/2008 | “Thrombotic Microangiopathy” | Invited lecture, Grand Rounds  (1 hour) |
| Department of Medicine, Division of Rheumatology Emory SOM | |  |

Brigham and Women's Hospital, Harvard Medical School

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| 03/2009 – 06/2013 | Clinicopathologic Correlations | Director, Renal Pathology Conference, monthly |
| Department of Medicine, Division of Nephrology, Brigham and Women’s Hospital | |  |

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| 03/2009 – 05/2017 | Clinicopathologic Correlations | Case presentations, Grand Rounds  (1.5 hours monthly) |
| Department of Medicine, Division of Nephrology, Brigham and Women’s Hospital | |  |

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| 04/2010 | “Pathology of Transplant Glomerulopathy” | Surgical Pathology Update Conference  (1 hour) |
| Department of Pathology, Brigham and Women’s Hospital | |  |

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| 09/2012 | “IgG4-Related Tubulointerstitial Nephritis” | Surgical Pathology Update Conference  (1 hour) |
| Department of Pathology, Brigham and Women’s Hospital | |  |
| 06/2015 | “Recent Advances in Understanding of Glomerular Diseases” | Surgical Pathology Update Conference  (1 hour) |
| Department of Pathology, Brigham and Women’s Hospital | |  |

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| 10/2016 | "Developing Online Courses and Materials" | Pathology Professional Development Series |
| Department of Pathology, Brigham and Women’s Hospital | |  |

Northwell Health, Zucker SOM at Hofstra

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| 07/2017 – 07/2023 | Clinicopathologic Correlations | Co-director, Renal Pathology Conference, monthly |
| Department of Medicine, Division of Nephrology, North Shore Unuversity Hospital / LIJ | |  |

**Report of Regional, National and International Invited Teaching and Presentations**

(Those presentations below sponsored by outside entities are so noted and the sponsors are identified)

***Regional***

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| --- | --- | --- |
| 05/2006 | “Thrombotic Microangiopathies in Kidney Transplantation” | Invited lecture, Transplant Surgery Grand Rounds |
| Piedmont Hospital, Atlanta, GA | |  |

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| 07/2017 – 07/2023 | Clinicopathologic Correlations | Nephrology and Renal Pathology Conference, evening presentations with dinner, 3x year |
| Regional Long Island Northwell and community practices | |  |

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| 11/2018 | “Valproic acid-associated Fanconi syndrome” | Case presentation, Kidney & Urology Foundation’s Council of Pediatric Nephrology & Urology |
| Weill Cornell Medicine, New York, NY | |  |

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| 11/2019 | “Monoclonal immunoglobulin deposition disease in a pediatric patient” | Case presentation, Kidney & Urology Foundation’s Council of Pediatric Nephrology & Urology |
| Weill Cornell Medicine, New York, NY | |  |

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| 03/2021 | “IFN2 and Col4A4 mutation related kidney biopsy findings” | Case presentation, Pediatric Nephrology Genetic Case Series |
| Online Presentation, Regional NY/NJ/CT | |  |

***National***

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| 10/2009 | “Pre-Transplant IgG Antibodies to BK Polyomavirus In Pediatric Renal Transplant” | Oral presentation |
| American Transplant Congress, Boston, MA | |  |

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| 11/2011 | Transplant Pathology – Practical Approach | ASN (American Society of Nephrology) meeting – Short course “Transplantation for Practicing Nephrologists” |
| Philadelphia, PA | |  |

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| 11/2012 | Transplant Pathology – Pathology of Acute Allograft Dysfunction  (sponsored by ASN) | ASN (American Society of Nephrology) meeting – Short course “Transplantation for Practicing Nephrologists” |
| San Diego, CA | |  |

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| 04/2013 | Glomerular Diseases: An Update on Histologic Classifications and Recent Breakthrough (sponsored by ASCP) | American Society for Clinical Pathology annual meeting – Short course |
| Chicago, IL | |  |

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| --- | --- | --- |
| 11/2013 | Transplant Pathology – Pathology of Acute Allograft Dysfunction  (sponsored by ASN) | ASN (American Society of Nephrology) meeting – Short course “Transplantation for Practicing Nephrologists” |
| Atlanta, GA | |  |

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| 11/2017 | Acute Interstitial Nephritis – Secondary to Systemic Disease | ASN (American Society of Nephrology) meeting – Clinical Practice Session – Acute Kidney Injury |
| New Orleans, LA | |  |

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| 11/2017 | Minimal Change Disease and Paraprotein Depositions | ASN (American Society of Nephrology) meeting – Clinicopathologic Correlation Case Presentation |
| New Orleans, LA | |  |

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| 2018, October 26 | The Need for Nephropathology Teaching Worldwide: The ISN-Clinical Nephropathology Course Survey | ASN – Annual Meeting – Kidney Week 2018 |
| Oral Presentation | | American Society of Nephrology, San Diego |

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| 2019, May 8 | Informatics Education in Pathology Residency Programs | Pathology Informatics Summit |
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| Oral Presentation | | Association for Pathology Informatics, Pittsburgh, PA |

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| 2019, Sept 19 | Improving Teaching Strategies By Knowing How We Learn | University Of Chicago, Department Of Pathology, Pathology Of Disease Seminar Series |
| Invited Talk | |  |

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| 2021, March 17 | Kidney Pathology Associated with COVID-19 | USCAP, Renal Pathology Society and Ultrastructural Pathology Society Companion Meeting |
| Invited Talk | |  |

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| 2021, November 5 | Challenges of the Paraprotein-related Kidney Diseases | ASN (American Society of Nephrology) Kidney Week Meeting |
| Invited Talk | | San Diego (virtual meeting) |

***International***

(Those presentations below sponsored by outside entities are so noted and the sponsors are identified)

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| 07/2006 | “Nephropathology for General Pathologists” | Invited lecture |
| Departments of Pathology and Nephrology, University of Sarajevo, Bosnia-Herzegovina | |  |

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| 07/2006 | “Diseases of Nephrotic and Nephritic Syndromes” | Invited lecture |
| Department of Pathology, University of Sarajevo | |  |

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| 03/2009 - 03/2013 | Renal Pathology Curriculum  (sponsored by Kaohsiung Medical University, Taiwan) | Renal Pathophysiology Course, Second Year Medical Students; a week long course, with a set of 6 renal pathology didactic lectures, 3 PBL sessions, case discussion |
| Kaohsiung Medical University, Taiwan | | Kaohsiung Medical University, Taiwan |

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| --- | --- | --- |
| 10/2012, 10/2013 | Renal Pathology Curriculum | Renal Pathophysiology Course, Second Year Medical Students; 4 didactic lectures, 2 pathology labs |
| Medical School of University in Zagreb, Croatia | | Medical School of University in Zagreb, Zagreb, Croatia |

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| 06/2012 | Thrombotic Microangiopathies  Membranoproliferative glomerulonephritis  (sponsored by ISN) | BWH-PKU Renal Pathology Conference, Beijing, China |
| Peking University First Hospital Beijing, China | | Peking University Institute of Nephrology, Beijing, China |

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| 06/2012 | Immune Complex-Mediated Glomerulonephritides  (sponsored by ISN) | CME Nephrology and Nephropathology Course, China |
| Shan Xi, China | | International Society of Nephrology (ISN) |

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| 2013, March 17–21 | Renal Pathology Curriculum (a set of 6 didactic lectures, 3 sessions with case discussions)  (sponsored by Kuwait Institute for Medical Specialization) | Renal Pathology Workshop  Kuwait Institute for Medical Specialization  Kuwait City, Kuwait |
| Kuwait City, Kuwait | | |

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| 2013, June 23–30 | *Guest Lecture*: Contemporary Diagnostic Issues in the Management of Renal Diseases  *Workshop in Renal Pathology*:  Renal Pthology Curriculum  (sponsored by ISN) | International Society of Nephrology (ISN) Educational Ambassador Program |
| University College Hospital, Ibadan, Nigeria | | |

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| 2013, August 22–24 | Transplant Pathology  Membranoproliferative Glomerulonephritis  Case Studies  (sponsored by Nepal Society of Nephrology) | Nepal Society of Nephrology,  Continued Medical Education in Kidney Disease, Dialysis, and Transplantation |
| Tribhuwan University, Kathmandu, Nepal | | |

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| 06/2014 | C3 Glomerulonephritis  Paraprotein-related Kidney Diseases  (sponsored by ISN | Peking University Institute of Nephrology, Beijing, China |
| Peking University First Hospital Beijing, China | | |

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| 06/2014 | Complement and Kidney Disease | BWH-PKU Renal Pathology Conference, International Society of Nephrology Sister Center Program |
| Zhengzhou, China | | |

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| 2015, March | Renal Pathology Course and Workshop | Univeristy Teaching Hospital of Kigali (CHUK)  International Society of Nephrology, Educational Ambassador Program |
| Kigali, Rwanda | | |

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| 2015 Oct 16-18 | *Course in Renal Pathology*  (Focal Sclerosis, Paraprotein Deposition Diseases,  Hereditary Nephritis and Basement Membrane Abnormalities  Humoral rejection) | All India Institute of Medical Science (AIIMS)  International Society of Nephrology, invited talks |
| New Delhi, India | | |

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| 2016 March 19-25 | *Course in Renal Pathology*  (Basic techniques, set of didactic lectures,  case discussions)  *Internal Medicine – Invited Lecture*  Paraprotein-Related Kidney Diseases | Grande International Hospital Nepal International Society of Nephrology  Educational Ambassador Program |
| Kathmandu, Nepal | | |

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| 2016 September 12 | Medical Education Reform at Harvard Medical School | Dr NTR University of Health Sciences, Andhra Pradesh, India  Harvard Medical School, Global and Continuing Education |
| Vijayavada, India | | |

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| 2016, September 15-22 | Renal Pathology Course and Workshop | Univeristy Teaching Hospital of Kigali (CHUK)  International Society of Nephrology, Educational Ambassador Program |
| Kigali, Rwanda | | |

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| 2018, June 20-23 | Acute Interstitial Nephritides  Diabetic Nephropathy  (sponsored by ISN) | BWH-PKU Renal Pathology Conference, Beijing, China |
| Peking University First Hospital Beijing, China | | Peking University Institute of Nephrology, Beijing, China |

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| 2018, June 24 | Diabetic Nephropathy  (sponsored by ISN) | CME Nephrology and Nephropathology Course, China |
| Zhengzhou, China | | International Society of Nephrology (ISN) |

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| 2018, July 10 | Membranous Nephropathy  (sponsored by ISN) | GlomCon – Online Module for International Nephrology and Nephropathology Teaching |
| Online Presentation | | Beth Israel Deaconess Medical Center, Boston, MA |

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| 2018, October 16 | Infection-Associated Glomerulonephritides  (sponsored by ISN) | GlomCon – Online Module for International Nephrology and Nephropathology Teaching |
| Online Presentation | | Beth Israel Deaconess Medical Center, Boston, MA |

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| 2018, November 12-16 | Renal Pathology Course and Workshop | Univeristy of Georgia in Tbilisi  International Society of Nephrology, Educational Ambassador Program |
| Tbilisi, Georgia | | |

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| 2019, April 23 | Paraprotein Deposition Diseases  (sponsored by ISN) | GlomCon – Online Module for International Nephrology and Nephropathology Teaching |
| Online Presentation | |  |

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| 2020, March 26 | Update on Tubulointerstitial Disease | World Congress of Nephrology – International Society of Nephrology |
| Invited talk | | Abu Dhabi – Event canceled due to COVID19 Pandemic |

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| 2021, April 15 | Tubulointerstitial Disease – Lesions you will see | World Congress of Nephrology – International Society of Nephrology |
| Invited talk | | Montreal, Canada (virtual meeting) |

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| 2021, June 5 | Pathology of Covid-19 related kidney disease | European Renal Association – European Dialysis And Transplant Association (ERA-EDTA) |
| Invited talk | | Berlin, Germany (virtual meeting) |

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| 2021, August 1 | Kidney Pathology Associated with COVID-19 | Midterm Online Conference, Indian Society of Renal and Transplantation Pathology |
| Invited Talk | | New Delhi, India (virtual meeting) |

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| 2021, September 8 | Kidney Pathology Associated with COVID-19 | William Anderson Research Day, University of Toronto |
| Invited Talk, Keynote Lecture | | Toronto, Canada (virtual meeting) |

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| 2021, October 9-10 | Allofraft Kidney Pathology Associated with COVID-19 | Croatian Society of Nephrology, Transplant School |
| Invited Talk, Keynote Lecture | | Zagreb, Croatia (virtual meeting) |

**Report of Clinical Activities and Innovations**

**Licensure and Certification**

***Current***

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| 07/2017- present | Full-Medical License – New York State |
| 07/2005 | American Board of Pathology – Certification in Anatomic Pathology |

***Past***

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| 07/2005 | Full-Physician License – Georgia |
| 07/2004 | Full-Medical License – Commonwealth of Massachusetts |

**Practice Activities**

***Current***

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| Attending Pathologist | Hospital practice | Kidney Pathology Service, Northwell Health NSLIJHS |  |

***Past***

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| Attending Pathologist | Hospital practice | Kidney Pathology Service, Brigham and Women’s Hospital | About 2.5 weeks per month |
| Attending Pathologist | Hospital practice | Kidney Pathology Service, Emory Clinic and Emory University Hospital | About 2.5 weeks per month |

**Clinical Innovations**

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| 01/2008 – 07/2013 | Reporting System Technology in Kidney Pathology |
| Created a novel tool that is designed for rapid structured data entry for kidney biopsy reporting, visualization of lab and clinical information, and fully searchable database, including image database | |

**Report of Education of Patients and Service to the Community**

**Recognition**

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| 07/2007 – Present | Listed in Marquis Who’s Who in America |

**Report of Scholarship**

**Publications**

* **Peer Reviewed Publications**

**Research investigations**

1. Vranes J, **Bijol V**: [Virulent properties of different *Escherichia coli* phenotypes isolated from the urogenital system of male patients] (Croatian). *J Croat Med Assoc* 2000; 36 (1/2): 13-18.
2. Weber J, **Bijol V**, Wilke-Mounts S, Senior AE: Cysteine-reactive Fluorescence Probes of Catalytic Sites of ATP Synthase. *Arch Biochem Biophys* 2002; 397 (1): 1-10.
3. **Bijol V**, Mendez GP, Nosé V, Rennke HG: Granulomatous interstitial nephritis: a clinicopathologic study of 46 cases from a single institution. *Int J Surg Pathol* 2006; 14(1): 57-63.
4. **Bijol V**, Mendez GP, Hurwitz S, Rennke HG, Nosé V: Evaluation of the non-neoplastic pathology in tumor nephrectomy specimens: predicting the risk of progressive renal failure. *Am J Surg Pathol* 2006; 30(5): 575-584.
5. **Bijol V**, Cimic A, Viscidi RP, Hymes LC: Pretransplant IgG antibodies to polyoma BK virus in pediatric renal transplants. *Pediatr Transplant* 2010; 14: 224-227.
6. Grgic I, Brooks CR,Hofmeister AF,**Bijol V**, Bonventre JV, Humphreys BD: Imaging of podocyte foot processes by fluorescence microscopy. *J Am Soc Nephrol (JASN)* 2012; 23(5): 785-791.
7. Grgic I and Campanholle G, **Bijol V**, Wang C, Sabbisetti VS, Ichimura T, Humphreys BD, Bonventre JV: Targeted proximal tubule injury triggers interstitial fibrosis and glomerulosclerosis. *Kidney Int* 2012; 82(2): 172-183.
8. McMahon GM, McGovern ME, **Bijol V**, Benson C, Foley R, Munkley K, Schnipper J, Franz C, Lin J. Development of an Outpatient Native Kidney Biopsy Service in Low Risk Patients: A Multidisciplinary Approach. *Am J Nephrol* 2012; 35(4): 321–326.
9. Hoffmann D, **Bijol V**, Krishnamoorthy A, Gonzalez VR, Zhang Q, Goering PL, Brown RP, Waikar SS, Vaidya VS: Fibrinogen excretion in the urine and immunoreactivity in the kidney serves as translational biomarker for acute kidney injury. *Am J Pathol* 2012; 181(3): 818-828.
10. Saikumar J, Hoffmann D, Kim TM, Gonzalez VR, Zhang Q, Goering PL, Brown RP, **Bijol V**, Waikar SS, Vaidya VS: Expression and excretion profile of microRNA-21, 155, and 18a following acute kidney injury. *Toxicol Sci* 2012; 129(2): 256-267.
11. Ajay AK, Saikumar J, **Bijol V**, Vaidya VS. Heterozygosity for fibrinogen results in efficient resolution of kidney ischemia reperfusion injury. *PLoS One*. 2012; 7(9):e45628. doi: 10.1371/journal.pone.0045628. Epub 2012.
12. Ramachandran K, Saikumar J, **Bijol V**, Koyner JL, Qian J, Betensky RA, Waikar SS, Vaidya, VS.Human miRNome profiling identifies microRNAs differentially present in the urine after kidney injury. *Clin Chem*, 2013; 59(12):1742-52.
13. Batal I, De Serres SA, Mfarrej BG, Grafals M, Pinkus GS, Kalra A, Weins A, **Bijol V**, Rennke HG, Guleria I, Abdi R, Chandraker A, and Najafian N. Glomerular inflammation correlates with endothelial injury and with IL-6 and IL-1a secretion in the peripheral blood. *Transplantation* 2014; 97(10):1034-42.
14. Grgic I, Hofmeister AF, Genovese G, Bernhardy AJ, Sun H, Maarouf OH, **Bijol V**, Pollak MR, Humphreys BD. Discovery of new glomerular disease-relevant genes by translational profiling of podocytes in vivo. *Kidney Int*. 2014; doi: 10.1038/ki.2014.204.
15. Batal I, Reyes DB, Popham S, **Bijol V**. Nodular glomerulosclerosis with anti-glomerular basement membrane-like glomerulonephritis; a distinct pattern of kidney injury observed in smokers. *Clin Kidney J* 2014; 7(4): 361-366
16. Pellegrini KL, Han T, **Bijol V**, Saikumar J, Craciun FL, Chen WW, Fuscoe JC, Vaidya VS. MicroRNA-155 Deficient Mice Experience Heightened Kidney Toxicity When Dosed with Cisplatin. *Toxicol Sci* 2014 141(2):484-92.
17. Craciun FL, Ajay AK, Hoffmann D, Saikumar J, Fabian SL, **Bijol V**, Humphreys BD, Vaidya VS. Pharmacological and genetic depletion of fibrinogen protects from kidney fibrosis. *Am J Physiol Renal Physiol.* 2014; 307(4):F471-84.
18. **Bijol V**, Byrne Dugan C, Hoenig M. A Medical Student Web-Based Curriculum For Renal Pathology. *Medical Education Online*, 2015, 2015; 20:26765. doi: 10.3402/meo.v20.26765.
19. Batal I, De Serres SA, Safa K, **Bijol V**, Ueno T, Onozato ML, Iafrate AJ, Herter JM, Lichtman AH, Mayadas TN, Guleria I, Rennke HG, Najafian N, Chandraker A.. Dendritic Cells in Kidney Transplant Biopsy Samples Are Associated with T Cell Infiltration and Poor Allograft Survival. *J Am Soc Nephrol*. 2015; 26(12):3102-13.
20. Craciun FL, **Bijol V**, Ajay AK, Rao P, Kumar RK, Hutchinson J, Hofmann O, Joshi N, Luyendyk JP, Kusebauch U, Moss CL, Srivastava A, Himmelfarb J, Waikar SS, Moritz RL, Vaidya VS. RNA Sequencing Identifies Novel Translational Biomarkers of Kidney Fibrosis. *J Am Soc Nephrol.* 2015 Oct 8. pii: ASN.2015020225. [Epub ahead of print]
21. Pellegrini KL, Gerlach CV, Craciun FL, Ramachandran K, **Bijol** V, Kissick HT, Vaidya VS. Application of small RNA sequencing to identify microRNAs in acute kidney injury and fibrosis. *Toxicol Appl Pharmacol*. 2015. pii: S0041-008X(15)30148-4. doi: 10.1016/j.taap.2015.12.002.
22. Pavkovic M, Robinson-Cohen C, Chua AS, Nicoara O, Cárdenas-González M, **Bijol V,** Ramachandran K, Hampson L, Pirmohamed M, Antoine DJ, Frendl G, Himmelfarb J, Waikar SS, Vaidya VS. Detection of Drug-Induced Acute Kidney Injury in Humans Using Urinary KIM-1, miR-21, -200c, and -423. *Toxicol Sci.* 2016.
23. **Bijol V**, Farag YM, Shah S, Feehally J, Singh AK. The International Society of Nephrology (ISN) and the American Nephrologists of Indian Origin (ANIO) Online Clinical Nephropathology Certificate (CNC) program. *Kidney Int*. 2016 89(5):966-8. doi: 10.1016/j.kint.2015.11.035.
24. Polverino F, Laucho-Contreras ME, Petersen H, **Bijol V**, Sholl LM, Choi ME, Divo M, Pinto-Plata V, Chetta A, Tesfaigzi Y, Celli BR, Owen CA. A Pilot Study Linking Endothelial Injury in Lungs and Kidneys in COPD. *Am J Respir Crit Care Med*. 2017 doi: 10.1164/rccm.201609-1765OC.
25. Alexander MP, Dasari S, Vrana JA, Riopel J, Valeri AM, Markowitz GS, Hever A, **Bijol V**, Larsen CP, Cornell LD, Fidler ME, Said SM, Sethi S, Herrera Hernandez LP, Grande JP, Erickson SB, Fervenza FC, Leung N, Kurtin PJ, Nasr SH.Congophilic Fibrillary Glomerulonephritis: A Case Series. *Am J Kidney Dis*. 2018 72(3):325-336. doi: 10.1053/j.ajkd.2018.03.017
26. **Bijol V**, Farag YMK, Harris DCH, Levin A4, Roy-Chaudhury P, Singh AK, Jhaveri KD. Renal pathology practice globally: identifying needs and meeting the challenge. *Kidney Int*. 2019, 96(2):258-261. doi: 10.1016/j.kint.2018.10.040.
27. Yang Y, Sharma PD, Nair V, Jhaveri KD, Malieckal DA, Wanchoo R, Rosenstock JL, **Bijol V**. Kidney oxalate crystal deposition in adult patients: A relatively common finding. *Clin Nephrol.* 2020 Feb 26. doi: 10.5414/CN109980
28. Lima B, Gibson GT, Vullaganti S, Malhame K, Maybaum S, Hussain ST, Shah S, Majure DT, Wallach F, Jang K, **Bijol V**, Esposito MJ, Williamson AK, Thomas RM, Bhuiya TA, Fernandez HA, Stevens GR. COVID-19 in Recent Heart Transplant Recipients: Clinicopathologic Features and Early Outcomes. *Transpl Infect Dis.* 2020; e13382. doi:10.1111/tid.13382
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30. Golmai P, Larsen CP, Devita MV, Wahl SJ, Weins A, Rennke HG, **Bijol V**, Rosenstock JL. Histopathologic and Ultrastructural Findings in Postmortem Kidney Biopsy Material in 12 Patients with AKI and COVID-19. *J Am Soc Nephrol (JASN)*. 2020 31(9):1944-1947. doi: 10.1681/ASN.2020050683.
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32. Mbakop C, DeVita MV, Wahl SJ, **Bijol V**, Rosenstock JL. Adult primary nephrotic syndrome trends by race: a diminished frequency of focal segmental glomerulosclerosis in non-black patients. Int Urol Nephrol. 2020. doi: 10.1007/s11255-020-02658-w. Epub ahead of print. PMID: 33200335.
33. Hanna RM, Tran NT, Patel SS, Hou J, Jhaveri KD, Parikh R, Selamet U, Ghobry L, Wassef O, Barsoum M, **Bijol V**, Kalantar-Zadeh K, Pai A, Amin A, Kupperman B, Kurtz IB. Thrombotic Microangiopathy and Acute Kidney Injury Induced After Intravitreal Injection of Vascular Endothelial Growth Factor Inhibitors VEGF Blockade-Related TMA After Intravitreal Use. Front Med (Lausanne). 2020 7:579603. doi: 10.3389/fmed.2020.579603.
34. Hacking S, **Bijol V**. Deep learning for the classification of medical kidney disease: a pilot study for electron microscopy. Ultrastruct Pathol. 2021 Feb 14:1-10. doi: 10.1080/01913123.2021.1882628
35. Xie X, Liu P, Gao L, Zhang X, Lan P, **Bijol V**, Lv J, Zhang H, Jin J. Renal deposition and clearance of recombinant poly-IgA complexes in a model of IgA nephropathy. J Pathol. 2021 doi: 10.1002/path.5658

**Other Peer-Reviewed Publications**

1. **Bijol V**, Silver SM, Nadasdy T: A 65-Year-Old Diabetic Man with Progressive Renal Insufficiency and Proteinuria. *Am J Kidney Dis* 2002; 40: 429-434.
2. **Bijol V**, Agrawal N, Abernethy VE, Rifkin IR, Nosé V, Rennke HR:A 57 year old female with recently diagnosed systemic lupus erythematosus, proteinuria, and microhematuria. *Am J Kidney Dis* 2006; 48:1004-1008.
3. Larsen CP, Moreira RK, Hennigar RA, **Bijol V**: Kidney biopsy findings in a patient with fever, bilateral pulmonary infiltrates, and acute renal failure. *Am J Kidney Dis* 2008; 51: 524-529.
4. Cimic A, Pastan SO, **Bijol V**: Membranous nephropathy associated with gastrointestinal stromal tumour: a case report. *Nephrol Dial Transpl Plus*, 2009; doi: 10.1093/ndtplus/sfp028
5. McCausland F, Niedermaier S, **Bijol V**, Rennke HG, Choi ME, Forman JP: Lyme disease-associated glomerulonephritis. *Nephrol Dial Transplant,* 2011; 26: 3054-3056.
6. **Bijol V**, Batal I. Morphologic aspects of antibody-mediated rejection in renal allografts. Review. *Diagn Histopathol* 2012; 18(7): 276-280.
7. Dahal K, Strom J, Rider K, Narayan U, **Bijol V,** Jaber B: Recovery of kidney function following delayed use of Theraliteâ„¢ dialyzer in a patient with myeloma cast nephropathy. *Clin Nephrol* 2013; 79(4): 318-322.
8. Batal I, **Bijol V**, Riella LV, Rennke HG. Fever, dysuria and elevated serum creatinine in a kidney transplant recipient. *Am J Transplant* 2013, 13(3): 816-818.
9. Batal I, **Bijol V**, Schlossman RL, Rennke HG. Proliferative Glomerulonephritis with Monoclonal Immunoglobulin Deposits in a Kidney Allograft. *Am J Kidney Dis* 2014; 63(2):318-23
10. Cohen-Bucay A, Garimella P, Ezeokonkwo C, **Bijol V**, Strom JA, Jaber BL. Acute oxalate nephropathy associated with *clostridium difficile* colitis. *Am J Kidney Dis* 2014; 63(1):113-118.
11. Sun Y, Luu NT, **Bijol V**, Vigil D, Servilla KS, Tzamaloukas AH, Konstantinov KN.  IgG4-Related Tubulointerstitial Nephritis Complicating the Course of Chronic Kidney Disease.  *Austin J Clin Med* 2014; 1(2): 5
12. Sethi S, Quint PS, O'Seaghdha CM, Fervenza FC, **Bijol V**, Dorman A, Dasari S, Smith RJ, Kurtin PJ, Rennke HG. C4 Glomerulopathy: A Disease Entity Associated With C4d Deposition (case series). *Am J Kidney Dis*. 2016 pii: S0272-6386(16)00081-0. doi: 10.1053/j.ajkd.2016.01.012.
13. Cardarelli F, **Bijol V**, Chandraker A, Varga C, Riella LV. Acute myeloid leukemia after kidney transplantation: a case report and literature review. *J Bras Nefrol* 2016;38(4):455-461
14. Hegde S, **Bijol V**, Jaber B. Pauci-Immune Crescentic Glomerulonephritis Associated with Use of Trimethoprim-Sulfamethoxazole: A Case Report. *CEN Case Reports*. 2016; 5(2):188-191. doi: 10.1007/s13730-016-0222-5.
15. Halpin M, Kozyreva O, **Bijol V**, Jaber BL. Plasmapheresis for treatment of immune complex-mediated glomerulonephritis in infective endocarditis: a case report and literature review. *Clin Nephrol Case Stud*. 2017, 5:26-31. doi: 10.5414/CNCS109082
16. Singer P, Sethna CB, Castellanos-Reyes L, Yaskiv O, **Bijol V**. Kidney Biopsy Findings in a Patient With Valproic Acid-Associated Fanconi Syndrome. *Pediatr Dev Pathol.* 2018 doi: 10.1177/1093526618819334
17. Uppal NN, Monga D, Vernace MA, Mehtabdin K, Shah HH, **Bijol V**, Jhaveri KD. Kidney diseases associated with Waldenstrom macroglobulinemia. *Nephrol Dial Transplant*. 2018, 1–9, doi: 10.1093/ndt/gfy320
18. Yui JC, Garceau D, Jhaveri KD, Wanchoo R, **Bijol V**, Glezerman I, Hassoun H, Dispenzieri A, Russell SJ, Leung N. Monoclonal gammopathy-associated thrombotic microangiopathy (case series). *Am J Hematol*. 2019 doi: 10.1002/ajh.25569.
19. Hacking S, Uppal NN, Khan N, Ionescu M, **Bijol V**. Systemic p-ANCA vasculitis with fatal outcome, arising in the setting of methimazole use. *Clin Nephrol Case Stud*. 2019 16;7:23-26. doi: 10.5414/CNCS109759.
20. Sachdeva M, Beck LH Jr, Miller I, **Bijol V**, Fishbane S. Phospholipase A2 Receptor Antibody-Positive Pregnancy: A Case Report. *Am J Kidney Dis*. 2020 pii: S0272-6386(19)31169-2. doi: 10.1053/j.ajkd.2019.11.011
21. Jhaveri KD, Meir LR, Flores Chang BS, Parikh R, Wanchoo R, Barilla-LaBarca ML, **Bijol V**, Hajizadeh N. Thrombotic microangiopathy in a patient with COVID-19 *Kidney Int.* 2020; S0085-2538(20)30629-3. doi:10.1016/j.kint.2020.05.025
22. Nair V, Jandovitz N, Jhaveri KD Hirschwerk D, Grodstein E, **Bijol V**, Molmenti E, Teperman L. Treatment of parvovirus B19 viremia to facilitate kidney transplantation in a patient with collapsing glomerulopathy. *Clin Nephrol Case Stud*. 2020; 8: 41-45. 2020 doi:10.5414/CNCS110113
23. Uppal NN, Kello N, Shah HH, Khanin Y, De Oleo IR, Epstein E, Sharma P, Larsen CP, **Bijol V**, Jhaveri KD. De Novo ANCA-associated Vasculitis with Glomerulonephritis in COVID-19. *Kidney Int Rep.* 2020; 5(11):2079-2083. doi: 10.1016/j.ekir.2020.08.012.
24. Rosenstock JL, **Bijol V.** Authors' Reply. J Am Soc Nephrol. 2021 Jan;32(1):255-256. doi: 10.1681/ASN.2020101479.
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28. Bonilla M, **Bijol V**, Kello N, Jhaveri KD, Ross DW. A Case of Glomerulopathy Associated With Monoclonal Glomerular Basement Membrane Antibody. Kidney Int Rep. 2021 24;6(5): 1444-1448. doi: 10.1016/j.ekir.2021.02.028.
29. Rosenstock JL, Joab TMJ, DeVita MV, Yang Y, Sharma PD, **Bijol V**. Oxalate nephropathy: a review. Clin Kidney J. 2021 12;15(2):194-204. doi: 10.1093/ckj/sfab145.
30. Cocorpus J, Hager MM, Benchimol C, **Bijol V**, Salem F, Punj S, Castellanos L, Singer P, Sethna CB, Basalely A. COL4A4 variant recently identified: lessons learned in variant interpretation-a case report. BMC Nephrol. 2022 Jul 16;23(1):253. doi: 10.1186/s12882-022-02866-9. PMID: 35842573; PMCID: PMC9287857.

**Book Chapters**

1. Chabtini L, Mounayar M, El Haddad N, Azzi J, **Bijol V**, Bastacky S, Rennke HG, Batal I: (2012). Scleroderma Renal Crisis, Systemic Sclerosis - An Update on the Aberrant Immune System and Clinical Features, Timothy Radstake (Ed.), ISBN: 978-953-307-869-4, InTech, Available from: <http://www.intechopen.com/articles/show/title/scleroderma-renal-crisis>
2. **Bijol V,** Batal I (2014). Non-neoplastic Pathology in Tumor Nephrectomy Specimens, Chang (Ed.), Pathology of the Medical Kidney. *Surg Pathol Clin* 2014; 7(3), 291-305. ISBN 978-0-323-32347-5
3. Chang A, **Bijol V** (2016).Nonneoplastic Kidney Diseases in the Setting of a Renal Mass, Hansel et al (eds), The Kidney - A comprehensive Guide to Pathologic Diagnosis and Management, Springer Science+Business Media New York, ISBN 978-1-4939-3285-6
4. Singh AK, **Bijol V**. (2017) Parenchymal Renal Disease. The Brigham Intensive Review of Internal Medicine, Singh and Loscalzo (Eds) 3rd Edition. Elsevier, ISBN 978-0-323-47670-6

**Professional Educational Materials or Reports, in print or other media**

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| 1. “Renal Digest” | Online Book of Kidney Pathology | <http://renaldigest.com> (the website unavailable since 2017) |
| A sole author of an interactive, web-based, free-access book of kidney pathology, used by medical students, pathology residents, nephrology fellows, and practicing nephrologists as an adjuvant learning tool in their kidney pathology training. This was an electronic atlas of glomerular and tubulointerstitial diseases, with bulleted text, high resolution images and interactive features. | | |

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| 2. Cover Image | Teaching Cases | Clinical Journal of the American Society of Nephrology |
| Teaching cases, presented with a cover image and a short discussion  2013: September, November  2012: January, August, September, December  2011: March, April, June, August, December | | |

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| 3. Renal Pathology Section | Teaching Case Reports | American Society of Clinical Pathology |
| Since 2006, all pathologists have been required to maintain ongoing certification with the American Board of Pathology via self-assessment modules (SAM). This activity is the first on-line SAM for renal pathologists.  2016 - Magoo H, Robinson E, Verma A, Braden G, **Bijol V**. Drug-Induced ANCA-Associated Crescentic Glomerulonephritis (RP16-7) | | |

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| 4. Renal Pathology Section | RenPath Quick Case Series | Academy of International Society of Nephrology |
| In 2019, I have created quick case series presentations that consist of video recorded case presentations, with blog discussions from various participants, and a followup recording explaining the diagnosis. This activity is available to members of the ISN at <https://academy.theisn.org/isn/2019/pathology/274203> | | |

**Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings (last 2 years only):**

1. McKnight MD, Dufetanye E, Rugamba G, Igiraneza G, Ntarindwa J, Vos P, Tshizubu P, Collins B, **Bijol V**, Zawadi T. Implementation of a Renal Biopsy Program in Rwanda: A Feasibility Study. ISN – World Congress of Nephrology, Melbourne, Australia; April 12-15, 2019
2. Flores-Chang BS, Andrade-Paz H, Uppal D, **Bijol V**, Uppal NN. Adalimumab induced anti-neutrophil cytoplasmic antibody (ANCA) associated vasculitis (AAV) with crescentic glomerulonephritis (Poster # 83). National Kidney Foundation, Spring Clinical Meetings 2019 - Hynes Convention Center, Boston, MA May 8-12, 2019
3. Andrade-Paz, Uppal D, **Bijol V**, Uppal NN. Invokana (Canagliflozin) induced severe acute kidney injury due to acute tubular necrosis (Poster # 175). National Kidney Foundation, Spring Clinical Meetings 2019 - Hynes Convention Center, Boston, MA May 8-12, 2019
4. Flores-Chang BS, Andrade-Paz H, **Bijol V**, Hazzan AD, Uppal NN. Montelukast-induced myeloperoxidase anti-neutrophil cytoplasmic antibody (MPO-ANCA) associated Vasculitis with Crescentic Glomerulonephritis (Poster # 341). National Kidney Foundation, Spring Clinical Meetings 2019 - Hynes Convention Center, Boston, MA May 8-12, 2019
5. Sheikh F, Sethna C, **Bijol V**, Wanchoo R, Jhaveri K. Kidney diseases associated with tubular reticular inclusions (TRI) (Poster # 439). National Kidney Foundation, Spring Clinical Meetings 2019 - Hynes Convention Center, Boston, MA May 8-12, 2019
6. Mbakop C, **Bijol V**, Devita MV, Wahl SJ, Rosenstock JL. Causes of primary nephrotic syndrome in adults stratified by race: an update. Evening of Research at Lenox Hill Hospital, NYC, May 15, 2019.
7. Flores Chang BS, Parikh R, Wanchoo R, **Bijol V**, Jhaveri KD. Dasatinib Induced Thrombotic Microangiopathy [TH-PO156] American Society of Nephrology, Kidney Week, Washington DC, 11/07/19.
8. Parikh R, Uppal NN**, Bijol V**. Doxycycline-Associated Minimal Change Disease [TH-PO977] American Society of Nephrology, Kidney Week, Washington DC, 11/07/19
9. Parikh R, Andrade Paz H, Hazzan A, Ross D, Seshan SV, Jhaveri KD, **Bijol V**. Heavy Chain Deposition Disease Unmasked After Treatment of Sjogren Syndrome-Associated Glomerular Disease [FR-PO678] American Society of Nephrology, Kidney Week, Washington DC, 11/07/19
10. Hasan S, Wanchoo R, **Bijol V**, Jhaveri KD. Vascular Renal Amyloidosis with Waldenstrom Macroglobulinemia (WM) [FR-PO684] American Society of Nephrology, Kidney Week, Washington DC, 11/08/19
11. Sharma PD, Andrade Paz H, **Bijol V**. Monoclonal Immunoglobulin Tubulointerstitial Deposits in Kidney in Sjogren Syndrome with MALT Lymphoma: Occam's Razor or Hickam's Dictum [SA-PO171] American Society of Nephrology, Kidney Week, Washington DC, 11/09/19
12. Sharma PD, **Bijol V**, Flores Chang BS, Jhaveri KD. Amyloidosis Returns [SA-PO173] American Society of Nephrology, Kidney Week, Washington DC, 11/09/19
13. Yang Y, Parikh R, Haghi N, Sharma PD, Wanchoo R, Jhaveri KD, **Bijol V**. Monoclonal Immunoglobulin Deposition Disease: Experience in a Single Institution [SA-PO181] American Society of Nephrology, Kidney Week, Washington DC, 11/09/19
14. Leung N, Glezerman I, **Bijol V**, Garceau D, Hassoun H, Dispenzieri A, Jhaveri KD. Monoclonal Gammopathy-Associated Thrombotic Microangiopathy [SA-PO184] American Society of Nephrology, Kidney Week, Washington DC, 11/09/19
15. Yang Y, Sharma PD, Nair V, Jhaveri KD, Malieckal DA, Wanchoo R, Rosenstock JL, **Bijol V**. Renal Oxalosis in Adult Patients: A Relatively Common Entity of Often Unclear Etiology [SA-PO700] American Society of Nephrology, Kidney Week, Washington DC, 11/09/19
16. Thrombotic Microangiopathy (TMA) in a Patient with COVID-19 [PO0789] Flores Chang BS, Parikh R, Wanchoo R, **Bijol V**, Jhaveri KD October 22, 2020 Virtual Meeting - American Society of Nephrology
17. Antineutrophil Cytoplasmic Antibody (ANCA) Vasculitis with Glomerulonephritis in COVID-19 [PO0814] Khanin Y, **Bijol V**, Jhaveri KD, Uppal NN October 22, 2020 Virtual Meeting - American Society of Nephrology
18. Severe AKI from Thrombotic Microangiopathy and Acute Tubular Necrosis in a Patient with COVID-19 and Gemcitabine Chemotherapy Use [PO0818] Madireddy V, Malieckal DA, **Bijol** V, Shah HH October 22, 2020 Virtual Meeting - American Society of Nephrology
19. COVID-19-Associated Kidney Injury: A Case Series of Kidney Biopsy Findings [PO0838] Sharma PD, Shah HH, Jhaveri KD, **Bijol V**; Northwell Nephrology Covid-19 Research Consortium October 22, 2020 Virtual Meeting - American Society of Nephrology
20. Vedolizumab-Induced Acute Interstitial Nephritis and Acute Tubular Necrosis [PO2260] Muzib A, Parikh R, **Bijol V**, Uppal NN, Sachdeva M October 22, 2020 Virtual Meeting - American Society of Nephrology
21. Identifying Patients with CKD Risk At The Time of Nephrectomy Procedure; When to Initiate Nephrology Consult: Yang Y, Kozel Z, Sharma P, Yaskiv O, Torres J, Pandya S, Jhaveri KD, Bhaskaran M, Vira MA, **Bijol V**. United States and Canadian Academy of Pathology (USCAP) Virtual Meeting March 2021.
22. Kidney Biopsy Proven Thrombotic Microangiopathy in a Heart Transplant Recipient [SA-PO863] Haider SU, Jhaveri KD, **Bijol V**, Uppal NN. Kidney Week American Society of Nephrology, 2022 Orlando, Florida