

CURRICULUM VITAE

VANESA BIJOL, M.D.
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Employment:

10/2023 - Present Renal Pathologist
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Place of Birth: **Bosnia-Herzegovina**

Education

09/1989 – 11/1996	M.D.	Medicine	University of Zagreb, Croatia
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Postdoctoral Training

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

07/2005 – 02/2009	Assistant Professor of Pathology	Pathology and Lab Medicine	Emory University, School of Medicine Atlanta, GA
03/2009 – 01/2014	Instructor in Pathology	Department of Pathology	Harvard Medical School
08/2013 – 06/2016	Visiting Associate Professor of Pathology	Division of Nephrology, Department of Internal Medicine	Kaohsiung Medical University, Taiwan
01/2014 – 05/2017	Assistant Professor of Pathology	Department of Pathology	Harvard Medical School
07/2017 – 03/2021	Associate Professor of Pathology	Department of Pathology & Laboratory Medicine	Zucker School of Medicine at Hofstra/Northwell
03/2021 – 07/2023	Professor of Pathology	Department of Pathology & Laboratory Medicine	Zucker School of Medicine at Hofstra/Northwell

Appointments at Hospitals/Affiliated Institutions

07/2005-02/2009	Pathologist	Pathology and Lab Medicine – Kidney Pathology Division	Emory Clinic and Emory University Hospital
03/2009 – 05/2017	Pathologist	Department of Pathology	Brigham and Women’s Hospital
07/2017 – Present	Pathologist	Department of Pathology	Northwell Health NSLIJHS

Major Administrative Leadership Positions

Local

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
01/2010 – 05/2017	Course Director for the Pathology Curriculum – Renal Pathophysiology Course	Harvard Medical School
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
07/2017 – Present	Chief, Renal Pathology	Northwell Health

Committee Service

Local

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

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

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

Honors, Awards and Prizes

2010, 2011, 2012	Award of Merit	Kaohsiung Medical University, Taiwan	Teaching
07/2013 – 06/2014	Morgan-Zinsser Academy Fellowship in Medical Education	Academy, Harvard Medical School, Boston	Medical Education
01/2016	Nominated for Bernard Lown Award for Excellence in Teaching	Brigham and Women’s Hospital, Boston	Teaching
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

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.

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

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

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

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

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

Brigham and Women's Hospital, Harvard Medical School

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

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

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

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

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

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

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	<u>Summer Teaching Conferences:</u>	
	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	<u>Surgical Pathology Teaching Conferences:</u> 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
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

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
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

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
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Harvard Medical School

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

Formally Supervised Trainees

Emory University, School of Medicine

02/2007 – Adela Cimic, M.D. Renal Pathologist, Stony Brook Hospital, NY
02/2008
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

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

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

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

07/2011 – Ibrahim Batal, M.D. Renal Pathologist, Columbia University NY
06/2013
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

07/2013 – Cathryn Byrne-Dugan, M.D. Surgical Pathology Fellow, BWH, Boston
06/2014
Clinical Kidney Pathology Fellowship

07/2014 – Michifumi Yamashita, M.D., Renal Pathologist, Cedars Sinai, LA
06/2016 Ph.D.
Clinical Kidney Pathology Fellowship

<p>07/2016 – Yanli Ding, M.D., Ph.D. 06/2017 Clinical Kidney Pathology Fellowship</p>	<p>Renal Pathologist, University of Texas, San Antonio, TX</p>
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Formal Teaching of Peers

<p>08/2010 “Renal Transplantation for the Boards” The Brigham Renal Board Review Course</p>	<p>Case studies Department of Continuing Education, Harvard Medical School -- Department of Medicine, Brigham and Women’s Hospital (1 half hour lecture)</p>
<p>08/2011 “Clinicopathologic correlation – case presentation” “Renal Transplantation for the Boards” – case discussions “Allograft Pathology” – didactic lecture The Brigham Renal Board Review Course</p>	<p>Case studies; didactic lecture (3 half hour lecture) Department of Continuing Education, Harvard Medical School -- Department of Medicine, Brigham and Women’s Hospital</p>
<p>08/2012 - “Clinicopathologic correlation – case 08/2015 presentation” “Allograft Pathology – didactic lecture” The Brigham Renal Board Review Course</p>	<p>Case studies; didactic lecture (2 half hour lecture) Department of Continuing Education, Harvard Medical School -- Department of Medicine, Brigham and Women’s Hospital</p>
<p>01/2013 - Clinicopathologic correlations 12/2017</p>	<p>One hour interactive case presentation (Webinar); 1-2 per month</p>
<p>ISN – ANIO CNC Webinar</p>	<p>International Society of Nephrology - Clinical Nephropathology Certificate Program, Co- Chair</p>
<p>03/2015 - Medical Renal Pathology for General 03/2017 Pathologists</p>	<p>Short Course (3 hour presentation)</p>
<p>United States and Canadian Academy of Pathology (USCAP)</p>	<p>Short Course Co-Director</p>
<p>03/2015 - Clinicopathologic Correlations 03/2017</p>	<p>USCAP – Evening Subspecialty Conference</p>

United States and Canadian Academy of Pathology (USCAP)	Moderator
<u>Northwell Health, Zucker SOM at Hofstra</u>	
07/2017 - Clinicopathologic correlations Present	One hour interactive case presentation (Webinar); 2-3 per month
ISN – ANIO CNC Webinar	International Society of Nephrology - Clinical Nephropathology Certificate Program, Co-Chair
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
03/2018 Clinicopathologic Correlations	USCAP – Evening Subspecialty Conference
United States and Canadian Academy of Pathology (USCAP)	Moderator
03/2018 - Medical Education in Pathology; An Update 03/2020 on Principles and Practices	Short Course (3 hour presentation)
United States and Canadian Academy of Pathology (USCAP)	Short Course Co-Director
03/2022 - Updating Pathology Education for the 21st 03/2023 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
07/2021 - GlomCon Virtual Fellowship present GlomCon	Online-based certificate program for nephrologists 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
Emory Transplant Clinic, Emory SOM | Clinicopathologic correlations | Case presentations (1 hour monthly) |
| 01/2006-
02/2008
Pediatric Transplant Nephrology, Eggleston Hospital,
Children’s Healthcare of Atlanta | Clinicopathologic correlations | Case presentations (1 hour monthly) |
| 01/2006-
02/2008
Department of Medicine, Division of Rheumatology
Emory SOM | Clinicopathologic correlations | Case presentations, Grand Rounds
(1 hour monthly) |
| 01/2008
Emory Transplant Clinic, Emory SOM | “Transplant glomerulopathy” | Invited lecture, The Transplant Center Noon
Symposium (1 hour) |
| 02/2008
Department of Medicine, Division of Rheumatology
Emory SOM | “Thrombotic Microangiopathy” | Invited lecture, Grand Rounds
(1 hour) |

Brigham and Women's Hospital, Harvard Medical School

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| 03/2009 –
06/2013
Department of Medicine, Division of Nephrology,
Brigham and Women’s Hospital | Clinicopathologic Correlations | Director, Renal Pathology Conference,
monthly |
| 03/2009 –
05/2017
Department of Medicine, Division of Nephrology,
Brigham and Women’s Hospital | Clinicopathologic Correlations | Case presentations, Grand Rounds
(1.5 hours monthly) |
| 04/2010 | “Pathology of Transplant Glomerulopathy” | Surgical Pathology Update Conference
(1 hour) |

Department of Pathology, Brigham and Women's Hospital

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

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

07/2017 – 07/2023 Clinicopathologic Correlations Co-director, Renal Pathology Conference, monthly

Department of Medicine, Division of Nephrology, North Shore University 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

05/2006 "Thrombotic Microangiopathies in Kidney Transplantation" Invited lecture, Transplant Surgery Grand Rounds
 Piedmont Hospital, Atlanta, GA

07/2017 – 07/2023 Clinicopathologic Correlations Nephrology and Renal Pathology Conference, evening presentations with dinner, 3x year

Regional Long Island Northwell and community practices

11/2018 “Valproic acid-associated Fanconi syndrome”

Case presentation, Kidney & Urology Foundation’s Council of Pediatric Nephrology & Urology

Weill Cornell Medicine, New York, NY

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

03/2021 “IFN2 and Col4A4 mutation related kidney biopsy findings”

Case presentation, Pediatric Nephrology Genetic Case Series

Online Presentation, Regional NY/NJ/CT

National

10/2009 “Pre-Transplant IgG Antibodies to BK Polyomavirus In Pediatric Renal Transplant”

Oral presentation

American Transplant Congress, Boston, MA

11/2011 Transplant Pathology – Practical Approach

ASN (American Society of Nephrology) meeting – Short course “Transplantation for Practicing Nephrologists”

Philadelphia, PA

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

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

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

- 11/2017 Acute Interstitial Nephritis – Secondary to Systemic Disease
New Orleans, LA
ASN (American Society of Nephrology) meeting – Clinical Practice Session – Acute Kidney Injury
- 11/2017 Minimal Change Disease and Paraprotein Depositions
New Orleans, LA
ASN (American Society of Nephrology) meeting – Clinicopathologic Correlation Case Presentation
- 2018, The Need for Nephropathology Teaching Worldwide: The ISN-Clinical Nephropathology Course Survey
October 26
Oral Presentation
ASN – Annual Meeting – Kidney Week 2018
American Society of Nephrology, San Diego
- 2019, Informatics Education in Pathology Residency Programs
May 8
Oral Presentation
Pathology Informatics Summit
Association for Pathology Informatics, Pittsburgh, PA
- 2019, Sept Improving Teaching Strategies By Knowing How We Learn
19
Invited Talk
University Of Chicago, Department Of Pathology, Pathology Of Disease Seminar Series
- 2021, Kidney Pathology Associated with COVID-19
March 17
Invited Talk
USCAP, Renal Pathology Society and Ultrastructural Pathology Society Companion Meeting
- 2021, Challenges of the Paraprotein-related Kidney Diseases
November 5
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)

07/2006 “Nephropathology for General Pathologists” Invited lecture

Departments of Pathology and Nephrology, University of Sarajevo, Bosnia-Herzegovina

07/2006 “Diseases of Nephrotic and Nephritic Syndromes” Invited lecture

Department of Pathology, University of Sarajevo

03/2009 - Renal Pathology Curriculum
03/2013 (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

10/2012, Renal Pathology Curriculum
10/2013

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

06/2012 Thrombotic Microangiopathies
Membranoproliferative glomerulonephritis
(sponsored by ISN)

Peking University First Hospital Beijing, China

BWH-PKU Renal Pathology Conference, Beijing, China

Peking University Institute of Nephrology, Beijing, China

06/2012 Immune Complex-Mediated
Glomerulonephritides
(sponsored by ISN)

Shan Xi, China

CME Nephrology and Nephropathology Course, China

International Society of Nephrology (ISN)

2013, March 17– 21 Kuwait City, Kuwait	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
2013, June 23–30 University College Hospital, Ibadan, Nigeria	<i>Guest Lecture:</i> Contemporary Diagnostic Issues in the Management of Renal Diseases <i>Workshop in Renal Pathology:</i> Renal Pathology Curriculum (sponsored by ISN)	International Society of Nephrology (ISN) Educational Ambassador Program
2013, August 22– 24 Tribhuwan University, Kathmandu, Nepal	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
06/2014 Peking University First Hospital Beijing, China	C3 Glomerulonephritis Paraprotein-related Kidney Diseases (sponsored by ISN)	Peking University Institute of Nephrology, Beijing, China
06/2014 Zhengzhou, China	Complement and Kidney Disease	BWH-PKU Renal Pathology Conference, International Society of Nephrology Sister Center Program
2015, March	Renal Pathology Course and Workshop	Univeristy Teaching Hospital of Kigali (CHUK)

International Society of Nephrology,
Educational Ambassador Program

Kigali, Rwanda

2015 Oct *Course in Renal Pathology*
16-18 (Focal Sclerosis, Paraprotein Deposition
Diseases,
Hereditary Nephritis and Basement
Membrane Abnormalities
Humoral rejection)

New Delhi, India

All India Institute of Medical Science
(AIIMS)
International Society of Nephrology, invited
talks

2016 March *Course in Renal Pathology*
19-25 (Basic techniques, set of didactic lectures,
case discussions)
Internal Medicine – Invited Lecture
Paraprotein-Related Kidney Diseases

Kathmandu, Nepal

Grande International Hospital Nepal
International Society of Nephrology
Educational Ambassador Program

2016 Medical Education Reform at Harvard
September Medical School
12

Vijayavada, India

Dr NTR University of Health Sciences,
Andhra Pradesh, India
Harvard Medical School, Global and
Continuing Education

2016, Renal Pathology Course and Workshop
September
15-22

Kigali, Rwanda

Univeristy Teaching Hospital of Kigali
(CHUK)
International Society of Nephrology,
Educational Ambassador Program

2018, Acute Interstitial Nephritides
June 20- Diabetic Nephropathy
23 (sponsored by ISN)
Peking University First Hospital Beijing, China

BWH-PKU Renal Pathology Conference,
Beijing, China

Peking University Institute of Nephrology,
Beijing, China

2018, Diabetic Nephropathy
June 24 (sponsored by ISN)
Zhengzhou, China

CME Nephrology and Nephropathology
Course, China
International Society of Nephrology (ISN)

2018, Membranous Nephropathy
July 10 (sponsored by ISN)

Online Presentation

GlomCon – Online Module for International
Nephrology and Nephropathology Teaching

Beth Israel Deaconess Medical Center,
Boston, MA

2018, Infection-Associated Glomerulonephritides
October (sponsored by ISN)
16
Online Presentation

GlomCon – Online Module for International
Nephrology and Nephropathology Teaching

Beth Israel Deaconess Medical Center,
Boston, MA

2018, Renal Pathology Course and Workshop
November
12-16
Tbilisi, Georgia

Univeristy of Georgia in Tbilisi
International Society of Nephrology,
Educational Ambassador Program

2019, Paraprotein Deposition Diseases
April 23 (sponsored by ISN)

Online Presentation

GlomCon – Online Module for International
Nephrology and Nephropathology Teaching

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
2021, April 15	Tubulointerstitial Disease – Lesions you will see	World Congress of Nephrology – International Society of Nephrology
Invited talk		Montreal, Canada (virtual meeting)
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)
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)
2021, September 8	Kidney Pathology Associated with COVID- 19	William Anderson Research Day, University of Toronto
Invited Talk, Keynote Lecture		Toronto, Canada (virtual meeting)
2021, October 9-10	Alloft 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

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

Past

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

Practice Activities

Current

Attending Pathologist Hospital practice Kidney Pathology Service,
Northwell Health NSLIJHS

Past

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

Clinical Innovations

01/2008 – Reporting System Technology in Kidney Pathology
07/2013
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

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**, Cemic 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.
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Other Peer-Reviewed Publications

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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.
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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

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.

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

3. Renal Pathology Teaching Case Reports American Society of Clinical Pathology
Section

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)

4. Renal Pathology RenPath Quick Case Academy of International Society of Nephrology
Section Series

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