## University of Calgary Cuming School of Medicine

# Kiril Trpkov Curriculum Vitae

Dr. Kiril Trpkov is a Professor of Pathology at the University of Calgary, Alberta, Canada. He is a Genitourinary Pathology Group Leader at the Department of Pathology and Laboratory Medicine, Cuming School of Medicine, University of Calgary, and he is a consultant for the Alberta Precision Labs, the Southern Alberta Institute of Urology, and the Tom Baker Cancer Center in Calgary, Canada. He is affiliated with the Arnie Charbonneau Cancer Institute in Calgary Alberta, Canada.

Dr. Trpkov is auropathologist, a pathologist with a subspecialty expertise in the diseases of the kidney, prostate, testis, bladder and urinary tract. As an educator, he hasgiven lectures, courses, slide seminars, and workshops in on all continents. He has beeninvolved with several national and international organizations, such as United States Canadian Academy of Pathology (USCAP), International Academy of Pathology (IAP), various expert panels and committees, including the World Health Organization (WHO), in establishing guidelines and practice standards in uropathology. Most recently, he led an international genitourinary pathology expert group, assembled by the Genitourinary Pathology Society (GUPS), to provide an update on the novel and emerging kidney entities, as well as on existing renal entities. He was a founding member of the Genitourinary Pathology society (GUPS), established in 2018, as an international subspecialty organization that aims to advance the care of patients with urologic diseases by encouraging best practice, research, and education in urologic pathology. In 2019, he was elected the first President of the GUPS. GUPS currently has more than 600 members from over 60 countries.

Prepared: Sep 2021

#### I. BIOGRAPHICAL DATA

Name: Kiril Trpkov

Address (home): 3316 Oakwood Drive SW

Calgary, AB, T2V 0J9

Canada

Address (office): Department of Pathology and Laboratory Medicine

Rockyview General Hospital

7007 14 Street SW Calgary, AB, T2V 1P9

Canada

Phone (office): (403) 943-3443

E-mail (office): kiril.trpkov@albertaprecisionlabs.ca

(home): kiril.trpkov@shaw.ca

Place of Birth: Skopje, Macedonia

Citizenship: Canada

Languages: English, Macedonian, Serbo-Croatian, French

Present Rank: Professor of Pathology

Department: Pathology and Laboratory Medicine

Faculty: Medicine

Institution: University of Calgary

#### II. ACADEMIC RECORD

Final Degree: MD

Date Completed: September 1987
Specialty: Anatomic Pathology
Institution: Medical School Skopje

University Kiril and Metodi, Macedonia

## Undergraduate

1981 - 1987 Medical Student

Medical School Skopje, University Kiril and Metodij,

Macedonia

#### **Special Professional**

Jan - June 2014 Sabbatical Scholarly Leave of Absence (Study or unclassified,

provisional and rare renal tumors), multiple institutions

(Australia, North America, Europe)

May 2001 Study visit in Urologic Pathology

Johns Hopkins Hospital, Baltimore

May 2001 AFIP Annual Urologic Pathology Course, Bethesda

Oct 2000 Postgraduate Educational Course, ASCP

Urological Pathology, Florida

May 1999 Postgraduate Medical Education Course

Urologic Surgical Pathology Harvard Medical School, Boston

Mar - Jun 1999 Elective in Kidney Pathology and Pediatric Pathology

Brigham and Women's Hospital, Boston

and Children's Hospital,

Harvard Medical School, Boston

Jan 1994 – Jul 2000 Central Slide Review, University of Alberta

International Transplant Immunosuppressive Drug Trials:

MMF, FK506, Sirolimus, Anti-CD25, Rapamycin

Feb – Jul 1989 Research Associate, Department of Histopathology and

Cytology

Medical School Skopje, Cyril and Methodius University,

Macedonia

#### **Graduate and Post-Doctoral**

Jul 1997 – Jun 2000 Resident in Anatomical Pathology

University of Alberta Hospital, Edmonton

Jun – Dec 1994 Fellow in Lymph Node Pathology

(Dr. Sibrand Poppema)

Cross Cancer Institute, Edmonton

May 1993 – Jun 1997 Fellow in Kidney (Native and Allograft) Pathology

(Dr. Kim Solez) Department of Lab Medicine and Pathology

University of Alberta Hospital, Edmonton

Aug 1989 – May 1993

Histopathology Pathology Resident in Anatomic Pathology, Department of

and Clinical Cytology and Department of Anatomical

Medical School Skopje, University St. Kiril and Metodij,

Macedonia

Oct 1987 – Jan 1989 Rotating Internship

Medical School Skopje, University St. Kiril and Metodij,

Macedonia

Licensure

Jun 2000 College of Physicians and Surgeons of Alberta

(License number: 012484)

Mar – Jun 1999 Massachusetts Board of Registration in Medicine

(Limited License number: 99-8044-99)

Jan 1998 Medical Council of Canada (license number: 84004)

Jul 1997 – Jun 2000 College of Physicians and Surgeons of Alberta

(License number: EO5661)

Jun 1994 – Jul 1997 College of Physicians and Surgeons of Alberta

(License number: C10294)

#### **Certification and Boards**

Jul 2000 American Board of Pathology

Jun 2000 Royal College Certification, Anatomical Pathology

Oct 1997 Medical Council of Canada, Qualifying Exam II

Dec 1996 ECFMG Certificate (number: 0-561-775-8)

Oct 1996 USMLE - I

Aug 1996 USMLE - II

May 1995 Medical Council of Canada, Qualifying Exam I

Mar 1995 Medical Council of Canada, Evaluating Exam

Oct 1990 State Exam Certificate, Macedonia

#### III. AWARDS, DISTINCTIONS AND VISITING PROFESSORSHIPS

2018 Visiting Professor

The First Affiliated Hospital, Department of Pathology, Sun Yat-Sen University, Guangzhou, Guangdong Province, China

2018 Honour Roll

Faculty Appreciation and Awards, Class of 2019 Medical

Education

Calgary Medical Students' Association

2017 Excellence in Urologic Pathology Resident/Fellow Research

Award.

Awarded to a mentee Dr. Aylin Sar by the International

Society of Urological Pathology (ISUP)

2017 Award of the Directors of Anatomic and Surgical pathology to

the best poster with the first author pathologist in-training.

Awarded to a mentee Dr. Aylin Sar (USCAP 2017)

2017 Honour Roll

Faculty Appreciation and Awards, Class of 2018 Medical

Education

Calgary Medical Students' Association

2016 USCAP Ambassador

2015 Silver Pin Recipient

Recognition Award (15 Years of Service) University of Calgary, Pathology and Laboratory Medicine **Cumming School of Medicine** Calgary, Alberta 2015 **Visiting Professor** New York University School of Medicine, Department of Pathology, New York, NY, USA 2014 **Visiting Professor** Pitié-Salpêtrière Hospital, Department of Anatomical Pathology Paris, France 2014 **Visiting Professor** University Hospital, Department of Pathology, Bonn, Germany 2014 **Visiting Professor** Careggi Hospital, Department of Pathology, Florence, Italy 2014 **Visiting Professor** Charles University Hospital Plzen, Department of Pathology, Plzen, Czech Republic 2014 Visiting Researcher Cleveland Clinic, Department of Pathology, Cleveland, OH, USA 2014 **Visiting Professor** Royal North Shore Hospital, Department of Pathology, Sydney, Australia 2014 Honour Roll Faculty Appreciation and Awards, Class of 2015 Medical Education Calgary Medical Students' Association 2013 **Gravitz Medal Recipient** International Society of Urologic Pathology (ISUP) Distinguished service to ISUP USCAP/ISUP 2013 Annual Conference Baltimore, MD, USA 2013 Honour Roll Faculty Appreciation and Awards, Class of 2014 Medical

Education

|             | Calgary Medical Students' Association                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 2012        | Visiting Professor<br>Memorial Sloan-Kettering Cancer Center, Department of<br>Pathology, New York, NY, USA                               |
| 2009        | Physician Recognition Award<br>Rockyview General Hospital<br>Department of Pathology & Laboratory Medicine<br>Calgary, Alberta            |
| 2006        | CMSA Letter of Excellence Lecturer, Class of 2008:<br>Renal and Electrolytes Course, Faculty of Medicine,<br>University of Calgary        |
| 2005        | CMSA Letter of Excellence Lecturer, Class of 2007:<br>Renal and Electrolytes Course, Faculty of Medicine,<br>University of Calgary        |
| 2004        | Featured at Great teachers at the U of C web-site ( <a href="http://greatteachers.ucalgary.ca">http://greatteachers.ucalgary.ca</a> )     |
| 2004        | CMSA Letter of Excellence Lecturer, Class of 2007:<br>Blood Course, Faculty of Medicine,<br>University of Calgary                         |
|             | CMSA Letter of Excellence Lecturer, Class of 2006:<br>Renal and Electrolytes Course, Faculty of Medicine,<br>University of Calgary        |
| 2002        | CMSA Letter of Excellence Lecturer, Class of 2004:<br>Renal and Electrolytes Course, Faculty of Medicine,<br>University of Calgary        |
| 2002        | Teacher of the Year, Anatomical Pathology Residency<br>Program, Department of Pathology and Laboratory Medicine,<br>University of Calgary |
| 2001        | Teacher of the Year, Anatomical Pathology Residency<br>Program, Department of Pathology and Laboratory Medicine,<br>University of Calgary |
| 1998        | Donald W. Penner Award, Best Resident Paper<br>Canadian Association of Pathologists (CAP)<br>Royal College Meeting, Toronto               |
| 1998        | Resident Research Award Department of Lab Medicine and Pathology University of Alberta Hospital, Edmonton                                 |
| 1993 - 1995 | International Fellowship Training Award International Society of Nephrology                                                               |
|             |                                                                                                                                           |

1990 Charter of the University St. Kiril and Metodij

Best Medical School Graduate from the Medical School

Skopje, Macedonia (awarded once in five years)

1980 Top High School Honors, Best High School Graduate

Skopje, Macedonia

#### IV. ACADEMIC APPOINTMENTS

April 2012 Professor, Department of Pathology and Laboratory

Medicine, Faculty of Medicine, University of Calgary, Alberta,

Canada

July 2007 Associate Professor, Department of Pathology and Laboratory

Medicine, Faculty of Medicine, University of Calgary, Alberta,

Canada

July 2000 Assistant Professor, Department of Pathology and Laboratory

Medicine, Faculty of Medicine, University of Calgary, Alberta,

Canada

#### V. EDUCATIONAL ACTIVITIES

Pathology Rounds (Medical Faculty - Skopje)

Pathology/Nephrology Rounds (University of Alberta Hospital)

Lymphoma Pathology Rounds (Cross Cancer Institute - Edmonton)

Urology Rounds (University of Alberta Hospital)

Teaching Enhancement Workshop - Division of Studies in Medical Education – University of Alberta (November 1997)

Pathology for Physiotherapy Students - course (University of Alberta, 1998 - 2000)

Renal Section of the Cardiovascular/Pulmonary/Renal Block, Medical School, University of Alberta

Morbidity and Mortality Rounds - Rockyview General Hospital

Surgical Pathology Rounds - Rockyview General Hospital

Half-day Anatomical Pathology Resident Rounds - Rockyview General Hospital

Renal Pathology Rounds - Foothills Medical Centre

Renal and Electrolyte Course, 2001, Faculty of Medicine, University of Calgary (Urologic Pathology and Renal Pathology Units)

Renal and Electrolyte Course, 2002, Faculty of Medicine, University of Calgary (Urologic Pathology and Renal Pathology Units)

Renal and Electrolyte Course, 2003, Faculty of Medicine, University of Calgary (Urologic Pathology and Renal Pathology Units)

Renal and Electrolyte Course, 2004, Faculty of Medicine, University of Calgary (Urologic Pathology and Renal Pathology Units)

Hematology Course, 2004, Faculty of Medicine, University of Calgary (Reactive lymphadenopathy and Lymphoma Units)

Renal and Electrolyte Course, 2005, Faculty of Medicine, University of Calgary (Urologic Pathology and Renal Pathology Units)

Hematology Course, 2005, Faculty of Medicine, University of Calgary (Reactive lymphadenopathy and Lymphoma Units)
Renal and Electrolyte Course, 2006, Faculty of Medicine, University of Calgary (Urologic Pathology and Renal Pathology Units)

Hematology Course, 2006, Faculty of Medicine, University of Calgary (Reactive lymphadenopathy and Lymphoma Units)

Renal and Endocrine Course, 2007, Faculty of Medicine, University of Calgary (Urologic Pathology and Renal Pathology Units)

Hematology Course, 2007, Faculty of Medicine, University of Calgary (Reactive lymphadenopathy and Lymphoma Units)

Renal and Endocrine Course, 2008, Faculty of Medicine, University of Calgary (Urologic Pathology and Renal Pathology Units)

Hematology Course, 2008, Faculty of Medicine, University of Calgary (Reactive lymphadenopathy and Lymphoma Units)

Renal and Endocrine Course, 2008-2018, Faculty of Medicine, University of Calgary (Urologic Pathology and Renal Pathology Units)

**TBCC Genitourinary Rounds** 

CLS/Department of Pathology CME Rounds

## VI. ADMINISTRATIVE RESPONSIBILITIES

| Sept 2014 – June 2016 | Department of Pathology & Lab Medicine Department<br>Head Search Committee (Intradepartmental<br>Representative)                 |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| April 2013 - present  | Provincial Genitourinary Pathology Special Interest Group (SIG), Chair                                                           |
| April 2012 - present  | Genitourinary Pathology Specialty Group Leader, AP Division, Department of Pathology & Lab Medicine, Calgary Laboratory Services |
| June 2011 – Dec 2013  | Chair, Research Committee of the Department of Pathology & Lab Medicine, Calgary Laboratory Services and University of Calgary   |
| Jan 2010 – June 2010  | Department of Pathology & Lab Medicine Department<br>Head Joint Review Committee (Intradepartmental<br>Representative)           |
| Oct 2009 – Mar 2010   | ARP Departmental Committee Representative                                                                                        |
| Sep 2009 – Dec 2009   | CAP Mission Statement Committee                                                                                                  |
| Mar 2009 – Sep 2009   | ALTRA – Southern Alberta Transplant Program Research Committee – Competition Review Panel (Chair)                                |
| 2009 – 2013           | International Society of Urological Pathology (ISUP) Annual Companion Meeting, Organizer and Moderator (held at the USCAP)       |
| Jul 2008 – June 2011  | Research Committee of the Division of Anatomical Pathology (Chair)                                                               |
| Mar 2008 – Mar 2010   | Southern Alberta Institute of Urology, Operations Steering Committee (Member)                                                    |
| Oct - Nov 2006        | Acting Site Leader, Anatomical Pathology, Rockyview Hospital, Division of Anatomical Pathology, Calgary Laboratory Services      |
| Oct 2005 – Oct 2008   | Prostate Cancer Access Project Steering Committee for the Calgary Health Region (Member)                                         |
| May 2005              | Acting Site Leader, Anatomical Pathology, Rockyview Hospital, Division of Anatomical Pathology, Calgary Laboratory Services      |
| Oct 2003              | Prostate Pathology Reporting – Canadian Working Group, (Member)                                                                  |

Sep 2002 - present Prostate Cancer Institute, Medical Advisory Board

(Member)

Sep 2001 - Dec 2002 Provincial Committee on Workforce and Workplace Issues

in Pathology and Laboratory Medicine, Member of

**Negotiating Committee** 

Jun 1999 - May 2001 International Banff Transplant Glomerulitis Study Group

(Coordinator)

http://cnserver0.nkf.med.ualberta.ca/Banff97 updates/b

anff99/cf99/Trpkov/Local Publish/index.html

#### VII. PROFESSIONAL ACTIVITIES

2021 Chairperson/moderator, Genitourinary Proffered Papers

Session,

**USCAP Annual Meeting 2021** 

2020 International Journal of Surgical Pathology - Editorial Board

Member

2020-2022 Nominating Committee – Member-at-Large (USCAP)

2020-2023 Publications Committee - Member (USCAP)

2020 Cancers - Editorial Board Member

2019 Modern Pathology - Editorial Board Member

2019-2021 Genitourinary Pathology Society (GUPS), President

2019 Annals of Translational Medicine - Editorial Board Member

2019 USCAP Canada Foundation – Board Member

2018 - 2019 Peer reviewer for New England Journal of Medicine,

Scandinavian Journal of Urology, APMIS, AIMM, American Journal of Pathology, Clinical Genitourinary Cancer, Pathology,

Virchow Archiv, Journal of Pathology

2018 Histopathology- Editorial Board Member

2018 Genitourinary Pathology Society (GUPS), Founding Member

2018 Convener of Genitourinary Pathology Program (1 Long Course, 1

Short Course, 1 Symposium, 1 Slide Seminar), International Academy of Pathology (IAP) Congress 2018, Amman, Jordan

| 2017 - 2020 | Stout Award Subcommittee Member (USCAP)                                                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017        | Analytical and Quantitative Cytopathology and Histopathology (AQCT), Editor (Editorial Board Member)                                                                                                                       |
| 2015        | Adjudicator for the International Society of Urologic Pathology (ISUP) stipend                                                                                                                                             |
| 2015        | Diagnostic Pathology; Bosnian Journal of Basic Medical Sciences,<br>Editorial Board Member                                                                                                                                 |
| 2014        | International Society of Urologic Pathology (ISUP) Conference on Prostate Cancer Grading, Committee Member                                                                                                                 |
| 2014        | Peer reviewer for Canadian Journal of Pathology, Canadian<br>Urological Association Journal, Asian Journal of Andrology,<br>Diagnostic Pathology                                                                           |
| 2014        | Convener, Genitourinary Pathology Program (2 symposia, 2 short courses, 2 slide symposia), International Academy of Pathology (IAP) Congress 2014, Bangkok, Thailand                                                       |
| 2013        | Banff Pathology Course: Genitourinary Pathology, Organizing Committee, Co-Chair                                                                                                                                            |
| 2013        | Peer reviewer for Archives of International Surgery                                                                                                                                                                        |
| 2013        | College of American Pathologists (CAP) Genitourinary Cancer<br>Protocol Review Panel(CAP Cancer Committee Member)                                                                                                          |
| 2013        | Canadian Network of Urological Pathology (CNUP), Member                                                                                                                                                                    |
| 2013        | International Society of Urologic Pathology (ISUP) Conference<br>on Best Practices Recommendations in the Application of<br>Immunohistochemistry in Diagnostic Urologic Pathology:<br>Urinary Bladder Working Group Member |
| 2013        | Moderator/Organizer, Companion Meeting of the International Society of Urologic Pathology (ISUP) at USCAP Annual Meeting 2013, Baltimore, MD                                                                               |
| 2012 - 2016 | Education Committee Member (GU Pathology), USCAP                                                                                                                                                                           |
| 2012        | Abstract Review Board Member, USCAP                                                                                                                                                                                        |
| 2012        | Dataset Papers in Medicine, Pathology Section Editorial Board Member,                                                                                                                                                      |
| 2012        | Moderator/Organizer, Companion Meeting of the International Society of Urologic Pathology (ISUP) at USCAP Annual Meeting 2012, Vancouver                                                                                   |

| 2012           | Adjudicator, Excellence in Urologic Pathology (Resident/Fellow Award), International Society of Urologic Pathology (ISUP)                                                      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2012           | Peer reviewer for Clinical Cancer Research and Histology and Histopathology                                                                                                    |
| 2011-2012      | International Society of Urologic Pathology (ISUP) Consensus<br>Conference on Adult Renal Tumors 2012: Working group III<br>Member, Staging and Specimen Handling (Rapporteur) |
| 2011           | Canadian Partnership Against Cancer: National Cancer Pathology and Staging Multidisciplinary Expert Panel on Prostate Cancer (Member)                                          |
| 2011           | Canadian representative for Prostate on the College of AmericanPathologists (CAP) Protocol Expert Review Panel                                                                 |
| 2011           | International Collaboration in Cancer Reporting (ICCR),<br>Canadian representative on international prostate expert panel                                                      |
| 2011           | Provincial GU Pathology Specialty Interest Group, Committee<br>Chair                                                                                                           |
| 2011           | Peer reviewer for Prostate Cancer                                                                                                                                              |
| 2011           | Moderator/Organizer,Companion Meeting of the International Society of Urologic Pathology (ISUP) at USCAP Annual Meeting 2011, San Antonio                                      |
| 2010- present  | Provincial multidisciplinary GU tumor group (Member)                                                                                                                           |
| 2010 - present | Peer reviewer for Histopathology                                                                                                                                               |
| 2010 - present | Consultant in Urologic Pathology, Southern Alberta Urology<br>Institute, Calgary, Alberta, Canada                                                                              |
| 2009 - present | Peer reviewer for Canadian Urological Association Journal (CUAJ)                                                                                                               |
| 2008           | Chairperson/moderator, Genitourinary Proffered Papers<br>Session,<br>USCAP Annual Meeting 2008, Denver                                                                         |
| 2008 - present | Peer reviewer for Cancer, American Journal of Kidney Disease,<br>Journal of Urology                                                                                            |
| 2007 - present | Advisory Board Member and peer reviewer, Macedonian<br>Journal of Medical Sciences                                                                                             |
| 2006 - present | Peer reviewer for European Urology                                                                                                                                             |
| 2006 - present | Peer reviewer for Archives of Pathology and Laboratory<br>Medicine                                                                                                             |

| 2006 - present | Ad-hoc Grant reviewer (Medicine) - Ministry of Science,<br>Republic of Macedonia                               |
|----------------|----------------------------------------------------------------------------------------------------------------|
| 2005 - present | Member of the European Society of Pathology                                                                    |
| 2005 - present | Member of the International Society of Urological Pathology (ISUP)                                             |
| 2004           | Chairperson/moderator, Genitourinary Proffered Papers<br>Session,<br>USCAP Annual Meeting 2004, Vancouver      |
| 2004 - present | Member, Southern Alberta Cancer Research Institute                                                             |
| 2001 - present | Consultant in Urologic Pathology, Tom Baker Cancer Centre, Calgary, Alberta, Canada                            |
| 2001 - present | Member of the United States and Canadian Academy of Pathology (USCAP)/International Academy of Pathology (IAP) |
| 2000 - present | Urologic Pathology Consultant, Southern Alberta                                                                |
| 2000 - present | Fellow of the Royal College of Physicians and Surgeons of Canada                                               |
| 2000 - present | Staff Pathologist, Department of Pathology, Rockyview General Hospital, Calgary, Alberta, Canada               |
| 2000 - present | Medical Staff Association, Calgary Regional Health<br>Authority/Alberta Health Services                        |
| 2000 - present | Member of the Alberta Society of Laboratory Physicians                                                         |
| 1997 - present | Member of the College of American Pathologists                                                                 |
| 1997 - present | Member of the American Society of Clinical Pathologists                                                        |
| 1997 - present | Member of the Alberta Medical Association                                                                      |
| 1997 - present | Member of the College of Physicians and Surgeons of Alberta                                                    |
| 1997 - present | Member of the Canadian Association of Pathologists                                                             |
| 1996 - present | Member of the Renal Pathology Society                                                                          |
| 1997 - 2000    | Junior Member of the Royal College of Physicians and Surgeons of Canada                                        |
| 1989 - 1993    | Member of the Macedonian Medical Association                                                                   |

#### VIII. RESEARCH SUPPORT

#### Grants, contracts, summer studentships

2011-2012 University of Calgary Department of Medicine Grant, \$10,000

Principal Investigator: Wenjie Wang

Project Title: Function of NLRP3 in tubular epithelial-

mesenchymal transition and fibrosis

**Co-Investigator** 

2009-2013 CIHR Operating Grant, \$512,080

Principal Investigator: Daniel Muruve

Project Title: The Role of the Inflammasome in Renal Injury

Collaborator

2008 University of Calgary Travel Grant \$1,800

United States Canadian Academy of Pathology Annual Meeting

2008

Denver, CO, USA March 1-6, 2008

Project Title: The impact of ISUP 2005 consensus on Gleason

grading in contemporary practice

**Principle Investigator** 

2007 Centre for Advancement of Health/CLS, Summer Studentship,

\$5,200

Project title: Kidney Cancer in the Calgary Health Region -

Comprehensive Clinicopathological Evaluation.

**Principal Investigator** 

Undergraduate student: Jenny Thompson

2006 Centre for Advancement of Health/CLS, Summer Studentship,

\$5,200 Project title: Development of Artificial Neural Network to predict radical prostatectomy findings in patients diagnosed with

prostate cancer on needle-biopsy.

**Principal Investigator** 

Undergraduate student: Melissa Chan

2005 CLS Research Competition, \$7,810

Project title: Is Clusterin overexpressed in urothelial carcinoma of

the bladder during disease progression and recurrence?

**Co-Principal Investigator** 

Undergraduate student: Amir Akbari

2005 Centre for Advancement of Health/CLS, Summer Studentship,

\$5,200

Project title: Preoperative prediction of prostate cancer stage, Gleason score and surgical margin status on prostatectomy from the parameters on ten-core biopsy and significance of perineural

invasion on core biopsy. **Principal Investigator** 

Undergraduate student: George Kurien. Presented project at Annual Department Research Day and won honorable mention.

2004 Centre for Advancement of Health/CLS, Summer Studentship,

\$5,200

Project title: Assessment of prostate cancer volume in radical prostatectomy after a one core positive biopsy with a ten-core sampling technique with emphasis on minimal prostate cancer on biopsy.

**Principal Investigator** 

Undergraduate student: Yuan Gao

2003 Total of \$30,870

Prostate Cancer Research Award, Calgary Health Region, \$25,000 Project title: Assessment of prostate cancer volume in radical prostatectomy after a one core positive biopsy with a ten-core sampling technique with emphasis on minimal prostate cancer on biopsy.

**Principal Investigator** 

Undergraduate student: Josephine Tsui. Presented project at Annual Department Research Day and received award for best

paper, clinical science.

2003 CLS Research Competition, \$4,370

Project title: Validation of cytokeratin 5/6 and a-Methylacyl-CoA (AMACR) in establishing the diagnosis in difficult prostate

biopsies.

**Principal Investigator** 

Undergraduate student: Eleanor Chiu. Presented project at Annual Department Research Day and received award for best

presenter.

2003 University of Calgary Travel Grant: \$1,500

2002 Centre for Advancement of Health/CLS, R&D Studentship

(together with Dr. A. Oryschak), \$6,500

Project title: Prostatic intraepithelial neoplasia, high grade: pathological and clinical findings with ten-core prostate biopsy

sampling on initial and repeat biopsy.

**Co-Principal Investigator** 

Undergraduate student: Jodi Siever

2001 Centre for Advancement of Health/CLS, Summer Studentship,

\$5,000

Project: Development of prostate database

**Principal Investigator** 

Undergraduate student: Josephine Tsui

# IX. INVITED LECTURES/COURSES / WORKSHOPS / SEMINARS:

## **Invited Lectures/Presentations:**

| 2021 | New and emerging renal entities, an update for a practicing pathologist. IAPAD-AD 2021 Pathology Congress, Beirut, Lebanon (virtual), October 2021(Invited Speaker)                                                                     |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2021 | Eosinophilic solid and cystic RCC: The whole story. 5 <sup>th</sup> Urogential Pathology meeting, Plzen, Czech Republic, October 2021 (Invited Speaker)                                                                                 |
| 2021 | Practical issues in diagnosing urothelial neoplasm – with focus on flat lesions. 7 <sup>th</sup> Annual Scientific Meeting, Malaysian Division (IAPMD) (virtual), October 2021 ( <i>Invited Speaker</i> )                               |
| 2021 | Contemporary approach to diagnosing and reporting prostate cancer – what's important and why.7 <sup>th</sup> Annual Scientific Meeting, Malaysian Division (IAPMD) (virtual), October 2021 ( <i>Invited Speaker</i> )                   |
| 2021 | New developments in kidney carcinoma – novel and emerging entities a practicing pathologist should know about. 7 <sup>th</sup> Annual Scientific Meeting, Malaysian Division (IAPMD) (virtual), October 2021 ( <i>Invited Speaker</i> ) |
| 2021 | What to expect from the upcoming WHO renal tumor classification? Virtual Grand Rounds, Rede D'Or Hospitals Network, Sao Paulo, Brazil, June 2021 ( <i>Invited Speaker</i> )                                                             |
| 2021 | The prostate biopsy that did not read the textbooks and the papers. Province Wide Pathology Rounds (Alberta), May 2021 ( <i>Presenter</i> )                                                                                             |
| 2020 | Novel and emerging pink (eosinophilic) renal tumors. Virtual Grand Rounds, Department of Pathology, The Ohio State University, Columbus, Ohio, July 2020 ( <i>Invited Speaker</i> )                                                     |
| 2019 | Novel and emerging pink (eosinophilic)renal tumors.  Symposium: Joint Session Uropathology & ESUP. 31 <sup>st</sup> European Congress of Pathology, Nice, France, September 2019 ( <i>Invited Speaker</i> )                             |
| 2019 | When ancillary tests lead you astray in kidney pathology. Special session ESP & Arthur Purdy Stout Society. 31 <sup>st</sup> European                                                                                                   |

|      | Congress of Pathology, Nice, France, September 2019 ( <i>Invited Speaker</i> )                                                                                                                                                                                          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019 | New andemerging renal tumor entities, Grand Rounds, Department of Pathology, McGill University, Montreal, QC, April 2019 ( <i>Invited Speaker</i> )                                                                                                                     |
| 2018 | What's new in renal tumor pathology – what's important and why? The 58 <sup>th</sup> IAP Thailand Annual Meeting 2018, Bangkok, Thailand, November 2018 ( <i>Invited Speaker</i> )                                                                                      |
| 2018 | Urothelial carcinoma – systematic approach to bladder lesions.<br>The 58 <sup>th</sup> IAP Thailand Annual Meeting 2018, Bangkok, Thailand,<br>November 2018 ( <i>Invited Speaker</i> )                                                                                 |
| 2018 | New and emerging renal tumor entities – an update for a practicing pathologist. The 58 <sup>th</sup> IAP Thailand Annual Meeting 2018, Bangkok, Thailand, November 2018 ( <i>Invited Speaker</i> )                                                                      |
| 2018 | Kidney cancer – what is the best biomarker? Symposium: Tends in genitourinary pathology and impact on clinical practice, Ramathibodi Comprehensive Cancer Center, Faculty of Medicine Ramathibodi Hospital, Bangkok, Thailand, November 2018 ( <i>Invited Speaker</i> ) |
| 2018 | Kidney tumors – multidisciplinary management, The First Affiliated Hospital, Sun Yat-Sen University, Guangzhou, Guangdong Province, China, November 2018 ( <i>Invited Speaker/Guest Professor</i> )                                                                     |
| 2018 | Update on kidney tumor pathology, 2 <sup>nd</sup> South China, Hong Kong and Macau Seminar on Pathology, Shenzhen, Guangdong Province, China, November 2018 ( <i>Invited Speaker</i> )                                                                                  |
| 2018 | Systematic approach to bladder lesions, Amrita Annual Pathology Update – 2018 (AAPUD), Kochi, India, July 2018 (Invited Speaker)                                                                                                                                        |
| 2018 | Variants of Prostate Cancer and Neuroendocrine Prostate Cancer, Amrita Annual Pathology Update – 2018 (AAPUD), Kochi, India, July 2018 ( <i>Invited Speaker</i> )                                                                                                       |
| 2018 | Paratesticular tumors review, Amrita Annual Pathology Update – 2018 (AAPUD), Kochi, India, July 2018 ( <i>Invited Speaker</i> )                                                                                                                                         |
| 2018 | New and emerging renal tumor entities, Amrita Annual Pathology Update – 2018 (AAPUD), Kochi, India, July 2018 (Invited Speaker)                                                                                                                                         |
| 2018 | Overview of the CAP cancer checklist for kidney tumors, WebEx/Teleconference, February 2018 ( <i>Invited Speaker</i> )                                                                                                                                                  |

| 2018 | Renal Tumors and the Krebs Cycle- Fact or Fiction? Canadian Anatomic and Molecular Conference (CAMP) 2018, Whistler, BC, February 2018 ( <i>Invited Speaker</i> )                                                                                   |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017 | Fumarate hydratase deficient renal cell carcinoma. Kidney<br>Tumor Friends Meeting 2017, Pilsen, Czech Republic, June 2017<br>(Invited Speaker)                                                                                                     |
| 2017 | Eosinophilic solid and cystic renal cell carcinoma. Kidney<br>Tumor Friends Meeting 2017, Pilsen, Czech Republic, June 2017<br>(Invited Speaker)                                                                                                    |
| 2017 | Malakoplakia associated with prostatic adenocarcinoma. Kidney Tumor Friends Meeting 2017, Pilsen, Czech Republic, June 2017 ( <i>Invited Speaker</i> )                                                                                              |
| 2017 | Prostate cancer update – what pathologists and clinicians need to know in 2017. 7 <sup>th</sup> Uruguayan Conference of Pathology, Montevideo, Uruguay, June 2017 ( <i>Invited Speaker</i> )                                                        |
| 2017 | What's new in renal tumor pathology – an update for a practicing pathologist (update on grade, stage and new entities). 7 <sup>th</sup> Uruguayan Conference of Pathology, Montevideo, Uruguay, June 2017 ( <i>Invited Speaker</i> )                |
| 2017 | Update in TNM Staging and Handling of Kidney Cancer. ISUP Companion Meeting 2017 (at the USCAP), San Antonio, TX, US, March 2017 ( <i>Invited Speaker</i> )                                                                                         |
| 2016 | Update on prostate cancer reporting and new grading nomenclature. Alberta Provincial Genitourinary Tumor Team Meeting, November 2016, AB, Canada (Invited Speaker)                                                                                  |
| 2016 | Prostate cancer update – what pathologists and clinicians needto know in 2016. 8 <sup>th</sup> International Medical Conference, Continuous Medical Education: Fostering the Young Generation. April 2016, Amman, Jordan ( <i>Invited Speaker</i> ) |
| 2016 | New developments in renal cancer – lessons from a traveling pathologist. 8 <sup>th</sup> International Medical Conference, Continuous Medical Education: Fostering the Young Generation. April 2016, Amman, Jordan ( <i>Invited Speaker</i> )       |
| 2015 | Small cell and plasmacytoid variant of urothelial cancer (case presentation). Progress in Surgical Pathology of Genitourinary System, International conference, October 2015, Beijing, China (Invited Speaker)                                      |

| 2015 | Diagnosis of inverted urothelial neoplasms, invasion and staging issues in bladder specimens. Progress in Surgical Pathology of Genitourinary System, International conference, October 2015, Beijing, China(Invited Speaker)                             |
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| 2015 | Diagnostic approach to urothelial neoplasms and flat urothelial lesions. Progress in Surgical Pathology of Genitourinary System, International conference, October 2015, Beijing, China (Invited Speaker)                                                 |
| 2015 | Spindle cell tumors of prostate (case presentation). Progress in Surgical Pathology of Genitourinary System, International conference, October 2015, Beijing, China(Invited Speaker)                                                                      |
| 2015 | Introduction for prostate cancer, including specimen handling and immunohistochemistry. Progress in Surgical Pathology of Genitourinary System, International conference, October 2015, Beijing, China(Invited Speaker)                                   |
| 2015 | New developments in renal cancer – newly recognized and emerging entities. CME Rounds, Calgary Laboratory Services and Department of Pathology, Calgary, AB, Canada(Staff Faculty)                                                                        |
| 2015 | New developments in renal cancer - lessons learned from a travelling pathologist. NYU School of Medicine Pathology Grand Rounds, New York City, NY, USA (Invited Speaker)                                                                                 |
| 2015 | Hot topics in Uropathology. United States Canadian Academy of Pathology (USCAP) Annual Meeting, March 2015, Boston, MA, USA (Invited Panelist)                                                                                                            |
| 2014 | Handling and staging of renal tumors: an update for a practicing pathologist. International Academy of Pathology (IAP) Congress October 2014, Bangkok, Thailand (Invited Speaker)                                                                         |
| 2014 | The handling and staging of renal tumors. British Association of Uropathology Annual Meeting, September 2014, London, United Kingdom (Invited Speaker)                                                                                                    |
| 2014 | Diagnosis of prostate cancer, pearl and pitfalls (including technical issues, diagnosis of minimal cancer, approach to immunohistochemistry), 3 <sup>rd</sup> Urogenital Pathology Meeting, June 2014, Mikulov, Czech Republic ( <i>Invited Speaker</i> ) |
| 2014 | What's new in renal cancer: Update on ISUP consensusconference on renal tumours, Pathology rounds, Department of Pathology, University Hospital, May 2014, Bonn, Germany (Visiting Professor, Invited Speaker)                                            |

| 2014 | Update on ISUP consensus conference on renal tumours, Pathology rounds, Department of Pathology, Careggi Hospital, April 2014, Florence, Italy (Visiting Professor, Invited Speaker)                                                                                  |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2014 | What's new in renal cancer: An update on the ISUP consensus conference on renal tumours, Pathology rounds, Department of Pathology, Cleveland Clinic, January 2014, Cleveland, OH, USA (Visiting Researcher, Invited Speaker)                                         |
| 2014 | An approach to urothelial cancer diagnosis, Pathology Rounds, Hobart, Tasmania, Australia, January 2014, Sydney, Australia (Invited Speaker)                                                                                                                          |
| 2014 | Prostate cancer update, Pathology Rounds, Hobart, Tasmania, Australia, January 2014, Sydney, Australia (Invited Speaker)                                                                                                                                              |
| 2014 | An update on the ISUP consensus conference on renal tumours, Urologic Pathology Symposium: An Update on Urologic Cancer, January 2014, Sydney, Australia (Visiting Professor)                                                                                         |
| 2014 | Contemporary approach to Gleason grading and deceptive prostate cancer patterns, Department of Pathology, Royal North Shore Hospital, January 2014, Sydney, Australia (Visiting Professor)                                                                            |
| 2014 | Diagnosis of prostate cancer, pearl and pitfalls, Department of Pathology, Royal North Shore Hospital, January 2014, Sydney, Australia (Visiting Professor)                                                                                                           |
| 2013 | Pathology update on the ISUP Consensus Conference on kidney tumors. Provincial Genitourinary Tumor Group Meeting, October 2013, Kananaskis, AB, Canada (Invited Speaker)                                                                                              |
| 2013 | Renal tumor specimen handling and staging - what pathologist<br>needs to know in 2013. AP Symposium: Recent advances in<br>Surgical Pathology of Urinary Tract, 64th Annual Canadian<br>Association of Pathology meeting, Quebec City, June 2013<br>(Invited Speaker) |
| 2013 | Renal tumor specimen handling and staging – an update from the ISUP consensus conference. Genitourinary pathology symposium, 25 <sup>th</sup> European Congress of Pathology, Lisbon, Portugal ( <i>Invited Speaker</i> )                                             |
| 2013 | High-grade Prostate Intraepithelial Neoplasia and Atypical Small Acinar Proliferation. 2013 Shanghai Urological Pathology Forum: April 2013, Fudan University, Shanghai, China (Invited Speaker)                                                                      |

| 2013 | Urothelial carcinoma: An approach to diagnosis, grading and staging. 2013 Shanghai Urological Pathology Forum: April 2013, Fudan University, Shanghai, China (Invited Speaker)                                                                                                                        |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2013 | Renal pathology: Update on specimen handling and staging.<br>2013 Shanghai Urological Pathology Forum: April 2013, Fudan<br>University, Shanghai, China ( <i>Invited Speaker</i> )                                                                                                                    |
| 2013 | Prostate Cancer – Introduction: epidemiologic differences, technical aspects of handling biopsies and approach to needle biopsy evaluation. Hong Kong IAP Division, Spring Scientific Meeting, Genitourinary Pathology Update 2013: April 2013, Prince of Wales Hospital, Hong Kong (Invited Speaker) |
| 2013 | Renal Pathology – Update on grading and staging related issues.<br>Hong Kong IAP Division, Spring Scientific Meeting, Genitourinary<br>Pathology Update 2013, April 2013, Prince of Wales Hospital,<br>Hong Kong ( <i>Invited Speaker</i> )                                                           |
| 2013 | Spindle cell lesions of prostate. Genitourinary Pathology<br>Specialty Conference: USCAP 2013, March 2013, Baltimore, MD,<br>USA (Invited Speaker/Panelist)                                                                                                                                           |
| 2012 | Prostate Pathology, International Academy of Pathology (IAP) Thailand, Annual Meeting, November 2012, Bangkok, Thailand (Invited Speaker)                                                                                                                                                             |
| 2012 | Practical issues in diagnosing, grading and staging of urothelial carcinoma. International Anatomical Pathology Update, November 2012, Kuala Lumpur, Malaysia (Faculty/Invited Speaker)                                                                                                               |
| 2012 | Prostate needle biopsy: practical issues, pearls and pitfalls. International Anatomical Pathology Update, November 2012, Kuala Lumpur, Malaysia (Faculty/Invited Speaker)                                                                                                                             |
| 2012 | Contemporary approach to Gleason grading (made easy). International Anatomical Pathology Update, November 2012, Kuala Lumpur, Malaysia (Faculty/Invited Speaker)                                                                                                                                      |
| 2012 | Renal tumours – contemporary diagnostic challenges - Videomicroscopy Tutorial. International Anatomical Pathology Update, November 2012, Kuala Lumpur, Malaysia (Faculty/Invited Speaker)                                                                                                             |
| 2012 | Multidisciplinary Genitourinary Journal Club, Group Meeting: GU Radiation Oncologists, GU Medical Oncologists and Urologists. May 17, 2012. Edmonton, AB, Canada ( <i>Invited Speaker</i> )                                                                                                           |

| 2012                     | Prostate cancer: past, present and future: pathologist perspective.  Memorial Sloan-Kettering Cancer Center, Department of Pathology, April, 3, 2012, New York City, NY, USA (VisitingProfessor, Grand Round) |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2011                     | Provincial Pathology Update. 2011 Provincial Genitourinary Tumor Group Meeting, Practitioners in Partnership for GU Patient Care. October 31, 2011. Banff, AB, Canada ( <i>Invited Speaker</i> )              |
| 2010                     | Impact of 2005 ISUP Census on Gleason Grading and Prostate Cancer with Tertiary Gleason 5 of Biopsy. Alberta Cancer Foundation Research Meeting. November 2010. Banff, AB, Canada ( <i>Invited Speaker</i> )  |
| 2010                     | Perspectives of a Urological Pathologist. 2010 Provincial Genitourinary Tumor Group Meeting, Practitioners in Partnership for GU Patient Care. November 2010, Canmore, AB, Canada ( <i>Invited Speaker</i> )  |
| 2008                     | Minimal prostatic cancer and its mimics. Prostate cancer symposium, Canadian Association of Pathology Annual Meeting 2008, Ottawa, Canada ( <i>Invited speaker – Faculty</i> )                                |
| 2006                     | What does prostate biopsy tell us in 21 <sup>st</sup> century? Pacific North-West Society of Pathology Fall Conference, Victoria, BC, Canada (Invited speaker – Faculty)                                      |
| 2002                     | Synoptic reporting in Urological Pathology, Banff Pathology<br>Course: Urological Pathology Update, Banff, Canada ( <i>Invited speaker - Faculty</i> )                                                        |
| Courses/Workshops:       |                                                                                                                                                                                                               |
| 2021                     | Interactive Microscopy Course (USCAP): Practical issues in urologic pathology: 40 new cases (Kidney pathology), Palm Springs, CA, US, September 2021(Course Faculty)                                          |
| 2021                     | South Bay Pathology Society Spring Meeting, GU pathology (4 lectures), May 2021 (online), Monterey, CA (Course Faculty)                                                                                       |
| 2021<br>2021.Educational | 7 <sup>th</sup> Annual Practical Approach to Surgical Pathology, April                                                                                                                                        |
| NIV/                     | Symposiums International. GU pathology (3 lectures), Las Vegas,                                                                                                                                               |

NV

(Course Faculty)

| 2021                      |         | Short Course: Darn Those Pink Cells! Evaluation of Renal Tumors                                                                                                                                                                             |
|---------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| with                      |         | Eosinophilic cells. USCAP Annual Meeting, Virtual, March 2021 (Course Faculty)                                                                                                                                                              |
| 2020<br>with              |         | Short Course: Darn Those Pink Cells! Evaluation of Renal Tumors                                                                                                                                                                             |
|                           | March   | Eosinophilic cells. USCAP Annual Meeting, Los Angeles, CA, USA,                                                                                                                                                                             |
|                           |         | 2020 (Course Faculty)                                                                                                                                                                                                                       |
| 2019                      |         | Urothelial carcinoma, diagnostic challenges and common variants not to be missed in practice (GU pathology course),12 <sup>th</sup> Pathology Conference of Southern Vietnam, Ho Chi Minh City, Vietnam, October 2019(Course Director)      |
| 2019                      |         | What's new in renal tumor pathology – what's important and why! (GU pathology course),12 <sup>th</sup> Pathology Conference of Southern Vietnam, Ho Chi Minh City, Vietnam, October 2019(Course Director)                                   |
| 2019                      |         | False positive, false negatives, and atypical (uncertain) diagnosis in prostate pathology (GU pathology course),12 <sup>th</sup> Pathology Conference of Southern Vietnam October, Ho Chi Minh City. Vietnam, October 2019(Course Director) |
| 2019                      |         | Contemporary prostate cancer grading and reporting (GU pathology course),12 <sup>th</sup> Pathology Conference of Southern Vietnam, Ho Chi Minh City, Vietnam, October 2019(Course Director)                                                |
| 2019                      |         | Interactive Microscopy Course (USCAP): Traps and pitfalls to avoid in urologic pathology – Kidney pathology, Palm Springs, CA, US, September 2019(Course Faculty)                                                                           |
| 2019<br>Gastrointestinal, |         | Practical Approach to Problems in Surgical Pathology:                                                                                                                                                                                       |
| ·                         |         | Gynecological, Genitourinary Tracts and Soft Tissue. Scientific                                                                                                                                                                             |
| Symposiums                | San Die | International. GU pathology (4 lectures and one slide seminar), ego, CA, June 2019 (Course Faculty)                                                                                                                                         |
| 2018                      |         | Tumors of the urinary bladder and urothelial tract, renal and testicular neoplasia, update on prostate cancer, Long Course                                                                                                                  |

|      | (Part 1 & Part 2), IAP XXXII Congress, Jordan (Course Chair and Moderator)                                                                                                                                                                                |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2018 | Multidisciplinary management of genitourinary tumors. The key role of pathologists (with participation of urologists, medical & radiation oncologists). Part 1: Renal Neoplasia. Short Course, IAP XXXII Congress, Jordan (Invited Speaker and Moderator) |
| 2018 | What's new in renal tumor pathology – an update for a practicing pathologist. 25 <sup>th</sup> Annual Seminar in Pathology, Pittsburgh, PA(Course Faculty)                                                                                                |
| 2018 | Prostate cancer update. 25 <sup>th</sup> Annual Seminar in Pathology, Pittsburgh, PA( <i>Course Faculty</i> )                                                                                                                                             |
| 2018 | GU Case Presentations. 25 <sup>th</sup> Annual Seminar in Pathology, Pittsburgh, PA(Course Faculty)                                                                                                                                                       |
| 2017 | Benign mimickers of prostate cancer, USCAP 2017 Annual Meeting, Long Course: Prostate, San Antonio TX, US (Course Faculty)                                                                                                                                |
| 2017 | Interactive Microscopy Course (USCAP): Diagnostic challenges in urologic pathology - the usual suspects and the new kids on the block. Palm Springs, CA, US (Course Director)                                                                             |
| 2015 | New and emerging entities of kidney and bladder tumors. 2 <sup>nd</sup> Annual Scientific Meeting of Malaysian division of IAP, Ipoh, Malaysia (Course Faculty)                                                                                           |
| 2015 | What's new in the kidney world: An update on tumor handling, staging and grading 2 <sup>nd</sup> Annual Scientific Meeting of Malaysian division of IAP, Ipoh, Malaysia <i>(Course Faculty)</i>                                                           |
| 2015 | Benign pretenders of prostate cancer and how to handle the uncertainty. 2 <sup>nd</sup> Annual Scientific Meeting of Malaysian division of IAP, Ipoh, Malaysia <i>(Course Faculty)</i>                                                                    |
| 2015 | Urothelial carcinoma: diagnostic challenges and common variants not to be missed in practice. 2 <sup>nd</sup> Annual Scientific Meeting of Malaysian division of IAP, Ipoh, Malaysia (Course Faculty)                                                     |
| 2015 | Diagnostic problems in testicular pathology – getting it right the first time. 2 <sup>nd</sup> Annual Scientific Meeting of Malaysian division of IAP, Ipoh, Malaysia <i>(Course Faculty)</i>                                                             |
| 2015 | Short Course: High Yield Urological Pathology: Common and Important Diagnoses Not To Be Missed In Daily Practice. USCAP Annual Meeting, March 2015, Boston, MA, USA (Course Co-director, Faculty)                                                         |
|      |                                                                                                                                                                                                                                                           |

| 2015 | The story of mimickers and how to handle the uncertainty. XVIII Pathology Meeting of the EPOAHT: Uropathology course, March 2015, Sao Paulo, Brazil (Course Faculty)                                                                                 |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015 | What's new in the kidney world after the ISUP 2012 consensus conference: an update on renal tumor handling, staging and grading. XVIII Pathology Meeting of the EPOAHT: Uropathologycourse, March 2015, Sao Paulo, Brazil (Course Faculty)           |
| 2015 | Urothelial carcinoma: invasion and staging challenges and common variants. XVIII Pathology Meeting of the EPOAHT:Uropathology course, March 2015, Sao Paulo, Brazil (CourseFaculty)                                                                  |
| 2014 | Short Course: High Yield Urological Pathology: Common and Important Diagnoses Not To Be Missed In Daily Practice. USCAP Annual Meeting, March 2014, San Diego, CA, USA (Course Co-director, Faculty)                                                 |
| 2013 | Short Course: High Yield Urological Pathology: Common and Important Diagnoses Not To Be Missed In Daily Practice. American Society of Clinical Pathology (ASCP) Annual Meeting, September 2013, Chicago, IL (Course Co-director, Faculty)            |
| 2013 | Diagnosis of prostate cancer - pearls and pitfalls. The Banff Pathology Course: Genitourinary Pathology, Banff, AB, August 2013, (Invited Speaker/ Course Faculty)                                                                                   |
| 2013 | Benign mimickers of prostate cancer and preneoplastic lesions. The Banff Pathology Course: Genitourinary Pathology, Banff, AB, August 2013, (Invited Speaker/Course Faculty)                                                                         |
| 2013 | Case Presentation. The Banff Pathology Course: Genitourinary Pathology, Banff, AB, August 2013, (Invited Speaker/Course Faculty)                                                                                                                     |
| 2012 | Workshop: Pearls and Pitfalls in Prostate Pathology, 63 <sup>rd</sup> Annual Scientific Meeting of the Canadian Association of Pathologists, July 2012, Calgary, AB, Canada ( <i>Director – Faculty</i> )                                            |
| 2011 | Workshop: Pearls and Pitfalls of Prostate and Testis Pathology, 62 <sup>nd</sup> Annual Scientific Meeting of the Canadian Association of Pathologists, June 2011, Vancouver, BC, Canada ( <i>Co-Director – Faculty</i> )                            |
| 2010 | Workshop: Practical approach to diagnostic problems in prostatic and testicular pathology, 61 <sup>st</sup> Annual Scientific Meeting of the Canadian Association of Pathologists, July 2010, Montréal, QC, Canada ( <i>Co-Director – Faculty</i> ), |

## Slide Seminars/Tutorials:

| 2021 | Diagnostic challenges in urologic pathology. 5 <sup>th</sup> Urogential Pathology meeting., Plzen, Czech Republic( <i>Invited Speaker</i> )                                                                                                                                           |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019 | Uropathology slide seminar, Department of Pathology, McGill University, Montreal, QC, April 2019 ( <i>Invited Speaker</i> )                                                                                                                                                           |
| 2018 | Uropathology slide seminar, Amrita Annual Pathology Update – 2018 (AAPUD), Kochi, India, July 2018 ( <i>Invited Speaker</i> )                                                                                                                                                         |
| 2017 | Uropathology slide seminar - 7 <sup>th</sup> Uruguayan Conference of Pathology, Montevideo, Uruguay, June 2017 ( <i>Invited Speaker</i> )                                                                                                                                             |
| 2016 | Uropathology slide seminar - 8 <sup>th</sup> International Medical<br>Conference, Continuous Medical Education: Fostering<br>the Young Generation.<br>April 2016, Amman, Jordan ( <i>Invited Speaker</i> )                                                                            |
| 2015 | Slide seminar – Novel and problematic renal tumors, NYU<br>School of Medicine, Department of Pathology, New York City,<br>NY, USA<br>(Invited Speaker)                                                                                                                                |
| 2015 | Interactive microscopy session: Problematic "pink" renal tumors. United States Canadian Academy of Pathology (USCAP) AnnualMeeting, March 2015, Boston, MA, USA (Faculty)                                                                                                             |
| 2015 | Slide seminar kidney: SDH deficient RCC(case presentation),<br>XVIII Pathology Meeting of the EPOAHT: Uropathology course,<br>March 2015,<br>Sao Paulo, ( <i>Invited Speaker</i> )                                                                                                    |
| 2014 | Slide seminar in uropathology. British Association of Uropathology Annual Meeting, September 2014, London, United Kingdom (Invited Speaker)                                                                                                                                           |
| 2014 | Slide seminar: Composite Chromophobe RCC with sarcomatoid dedifferentiation with chondrosarcoma, osteosarcoma, squamous metaplasia and collecting duct carcinoma (case presentation), 3rd Urogenital Pathology Meeting, June 2014, Mikulov, Czech Republic ( <i>Invited Speaker</i> ) |
| 2013 | Overview of the CAP cancer checklist for Renal Pelvis, Ureter and Urethra, CAP Education Session, WebEx/Teleconference, April 2013 ( <i>Invited Speaker</i> )                                                                                                                         |
| 2012 | Slide seminar: Renal tumours – contemporary diagnostic challenges. International Anatomical Pathology Update Course,                                                                                                                                                                  |

|      | Genitourinary Pathology, November 2012, Kuala Lumpur, Malaysia (Faculty/ <i>Invited Speaker</i> )                                                                                                                                                                         |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2012 | Slide Seminar: Paraganglioma of bladder, Male Genitourinary<br>Pathology Slide Seminar, XXIX International Congress of the<br>International Academy of Pathology, October 2012, Cape Town,<br>South Africa ( <i>Invited Speaker</i> )                                     |
| 2012 | What do oncologists want to know about prostate cancer patients from a uropathologist – communication in 2012 is still a two way street! Webcast Presentation, European School Oncology (Online Educational Resources), April 26, 2012 ( <i>Invited Expert Lecturer</i> ) |
| 2012 | The importance of the histologic grading of prostatic carcinoma. Pathology Rounds – Oncology, June, 2012. Dept of Pathology, Chinook Regional Hospital, Lethbridge, AB, Canada ( <i>Invited Speaker</i> )                                                                 |
| 2011 | Slide Seminar: Arias-Stella reaction in bladder endometriosis, (Slide Seminar, Uropathology). 23 <sup>nd</sup> European Congress of Pathology, September 2011, Helsinki, Finland ( <i>Invited Speaker</i> )                                                               |
| 2011 | Videomicroscopy tutorial in uropathology. 23 <sup>nd</sup> European Congress of Pathology, September 2011, Helsinki, Finland ( <i>InvitedPanelist</i> )                                                                                                                   |
| 2010 | Presentation of cases – Case Studies. 2010 Provincial<br>Genitourinary Tumor Group Meeting, Practitioners in<br>Partnership for GU Patient Care. November 6 2010. Canmore,<br>AB, Canada ( <i>Invited Speaker</i> )                                                       |
| 2010 | Well-differentiated papillary mesothelioma of tunica vaginalis, Male Genitourinary Pathology (Slide Seminar, Prostate and Testis). XXVIII International Congress of the International Academy of Pathology, October 2010, Sao Paulo, Brazil ( <i>Invited Speaker</i> )    |
| 2009 | Videomicroscopy tutorial – meet the expert in uropathology. 22 <sup>nd</sup> European Congress of Pathology, September 2009, Florence, Italy ( <i>InvitedPanelist</i> )                                                                                                   |
| 2004 | Slide Seminar: Mixed epithelial stromal tumor of seminal vesicle, Intercontinental Congress of Pathology, Iguassu Falls, Brazil ( <i>Invited speaker - Faculty</i> )                                                                                                      |
| 2004 | Slide Seminar: Micropapillary urothelial carcinoma,<br>Intercontinental Congress of Pathology, Iguassu Falls, Brazil<br>(Invited speaker - Faculty)                                                                                                                       |

| 2004 | Slide Seminar: Renal carcinoma with Xp11 translocation, Intercontinental Congress of Pathology, Iguassu Falls, Brazil (Invited speaker - Faculty)           |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2002 | Problem cases in urological pathology - Interactive session, Banff Pathology Course: Urological Pathology Update, Banff, Canada (Invited speaker - Faculty) |
| 2001 | Slide Seminar Surgical Pathology, CAP 2001, Quebec City, Canada (Invited speaker – Faculty)                                                                 |

## X. PUBLICATIONS/PRESENTATIONS

#### Peer reviewed articles

- Agaimy A, Hartmann A, Trpkov K, Hes O. Undifferentiated and Dedifferentiated Urological Carcinomas: Lessons Learned from the Recent Developments. Semin Diagn Pathol 2021 (in press)
- Farcas M, Gatalica Z, Trpkov K, Swenson J, Zhou M, Alaghehbandan R, Williamson S, Magi-Galluzzi C, Gill AJ, Tretiakova M, Lopez J, Perez Montiel D, Sperga M, Comperat E, Brimo F, Yilmaz A, Siadat F, Sangoi A, Gao Y, Ptakova N, Kuthi L, Pivovarcikova K, Rogala J, Agaimy A, Hartmann A, Fraune C, Rychly B, Hurnik M, Durcansky D, Bonert M, Gakis G, Michal M, Hora M, Hes O. Eosinophilic Vacuolated Tumor (EVT) of Kidney Demonstrates Sporadic TSC/MTOR Mutations: Next Generation Sequencing Multi-institutional Study of 19 Cases. Mod Pathol 2021 (in press)
- ShahRB, Cai Q, Aron M, BerneyDM, Cheville JC, Deng F-M, Epstein JI, Fine SW, GenegaEM, Hirsch MS, Humphrey PA, Gordetsky J, Kristiansen G, Kunju LP, Magi-GalluzziC, GuptaN, NettoGJ, Osunkoya AO; Robinson BD, Trpkov K, True LW, TroncosoP, VarmaM, Wheeler T, Williamson SR, Wu A, ZhouMD. Diagnosis of "Cribriform" Prostatic Adenocarcinoma: An Interobserver Reproducibility Study among Urologic Pathologists with Recommendations Am J Cancer Res 2021 (in press)
- 4. Comperat E, Amin MB, Epstein JI, Hansel D, Paner G, Al-Ahmadie H, True LD, Baydar D, Bivalacqua T, Brimo F, Cheng L, Cheville J, Dalbagni G, Falzarano S, Gordetsky G, Guo CG, Gupta S, Hes O, Iyer G, Kaushal S, Kunju L, Magi-Galluzzi C, Matoso A, McKenney J, Netto G, Osunkoya AO, Pan CC, Pivovarcikova K, Raspollini MR, Reis H, Rosenberg J, Roupret M, Shah RB, Shariat S, **Trpkov K**, Weyerer V, Zhou M, Reuter VE. The Genitourinary Pathology Society Update on Classification of Variant Histologies, T1 Substaging, Moleecular Taxonomy and Immunotherapy and PD-L1 Testing implications of Urothelial Carcinoma. Adv Anat Pathol 2021;28(4):196-208.
- 5. Amin MB, Comperat E, Epstein JI, True LD, Hansel D, Paner G, Al-Ahmadie H, Baydar D, Bivalacqua T, Brimo F, Cheng L, Cheville J, Dalbagni G, Falzarano S, Gordetsky G, Guo CG, Gupta S, Hes O, Iyer G, Kaushal S, Kunju L, Magi-Galluzzi C, Matoso A, Netto G, Osunkoya AO, Pan CC, Pivovarcikova K, Raspollini MR, Reis H, Rosenberg J, Roupret M, Shah RB, Shariat S, **Trpkov K**, Weyerer V, Zhou M, McKenney J, Reuter VE. The Genitourinary Pathology Society Update on Classification and Grading of Flat and Papillary Urothelial Neoplasia With New Reporting Recommendations and Approach to Lesions With Mixed and Early Patterns of Neoplasia. *Adv Anat Pathol* 2021;28(4):179-195.
- 6. **Trpkov K**, HesO, Williamson SR, Adeniran AJ, Agaimy A,Alaghehbandan R,Amin MB, Argani P, Chen Y-B, Cheng L, Epstein JI, Cheville JC, Comperat E, Werneck da Cunha I, GordetskyJB, Gupta S, He H, Hirsch MS, Humphrey PA, Kapur P, Kojima F,Lopez JI, Maclean F, Magi-GalluzziC, McKenney JK, Mehra R, Menon S, Netto GJ, Przybycin

- CG, Rao P,Rao Q,Reuter VE, SaleebRM, Shah RB, Smith SC,Tickoo S, Tretiakova MS, True L, Verkarre V, Wobker SE, Zhou M, GillAJ.

  New Developments in Existing WHO Entities and Evolving Molecular Concepts:The Genitourinary Pathology Society (GUPS) Update on Renal Neoplasia. *Mod Pathol* 2021 Mar 4. doi: 10.1038/s41379-021-00779-w. Online ahead of print.
- 7. Trpkov K, Williamson SR, GillAJ, Adeniran AJ, Agaimy A, Alaghehbandan R, Amin MB, Argani P, Chen Y-B, Cheng L, Epstein JI, Cheville JC, Comperat E, Werneck da Cunha I, GordetskyJB, Gupta S, He H, Hirsch MS, Humphrey PA, Kapur P, Kojima F, Lopez JI, Maclean F, Magi-GalluzziC, McKenney JK, Mehra R, Menon S, Netto GJ, Przybycin CG, Rao P, Rao Q, Reuter VE, SaleebRM, Shah RB, Smith SC, Tickoo S, Tretiakova MS, True L, Verkarre V, Wobker SE, Zhou M, HesO. Novel, Emerging and Provisional Renal Entities: The Genitourinary Pathology Society (GUPS) Update on Renal Neoplasia. Mod Pathol 2021, 34:1167–1184
- 8. Chezar K, Yilmaz A, Auer I, **Trpkov K.** Primary Follicular Dendritic Cell Sarcomaof Urinary Bladder. *Int J Surg Pathol* 2021; 1-5. doi.org/10.1177/1066896920981622
- Alaghehbandan R, Trpkov K, Tretiakova M, Luis AS, RogalaJ, Hes O. Comprehensive Review of Numerical Chromosomal Aberrations in Chromophobe Renal Cell Carcinoma Including its Variant Morphologies. *Adv Anat Pathol* 2020; doi: 10.1097/PAP.0000000000000286.
- 10. Abbas A, Bonert, M, Naqvi A, Wang C, Trpkov K, Dettmar P, Wintzer H-O, Stoehr R, Hes O, WilliamsonSR, Gibson IW, Hartmann A.Langerhans Cell Histiocytosis Associated with Renal Cell Carcinoma is a Neoplastic Process: Clinicopathologic and Molecular Study of Seven Cases. Am J Surg Pathol 2020;44:1658–1665doi: 10.1097/PAS.0000000000001562
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# Letters to the Editor, Editorials, Panel/Committeepublications, Interviews, Online Publications:

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- 2. Liao C, **Trpkov K.** Case of the week 2020/51, Dec 21. GUPS Website: https://www.gupathsociety.org/COW-2020-51
- 3. Cavazzi E, **Trpkov K.** Case of the week 2020/48, Nov 30. GUPS Website: https://www.gupathsociety.org/COW-2020-48
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#### **Presentations at National and International Meetings:**

| November 2011 | Association of NLRP3 gene expression with human IgA nephropathy progression. American Society of Nephrology (ASN), ASN Kidney Week 2011 Annual Meeting, November 11, 2011, Philadelphia, PA, USA                                |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| August 2011   | Oncolytic reovirus therapy for renal cell carcinoma.<br>WesternSociety of American Urologic Association, August 21, 2011, Vancouver, BC                                                                                         |
| June 2011     | What are the predictors of cancer progression in papillary renal cell carcinoma? A clinicopathologic study of 86 patients. Canadian Laboratory Medicine Congress, June 2011, Vancouver, BC                                      |
| March 2010    | Doc, can I get my prostate back? A review of radical prostatectomy specimens in patients requiring surgical correction of post-prostatectomy complications. Prairie Urological Association Meeting, March 2010, Lake Louise, AB |

| March 2010     | How to get started on your research project? Department of Pathology Resident Retreat, March 2010, Banff, AB                                                                                       |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| March 2010     | On presenting well – A guide for effective presentations and posters (Tips from Dr. Kiril Trpkov). Department of Pathology Resident Retreat, March 2010, Banff, AB                                 |
| March 2004     | Crescentic glomerulonephritis with immune complexes and P-ANCA (case presentation), Renal Pathology Society Satellite Symposium, USCAP Annual Meeting 2004, Vancouver BC, Canada                   |
| July 2003      | Atypical prostate biopsy follow-up: ten-core biopsy perspective, CAP 2003, Charlottetown, Canada                                                                                                   |
| July 2003      | Renal medullary carcinoma arising in a horseshoe kidney: unique presentation of a rare tumor, CAP 2003, Charlottetown, Canada                                                                      |
| October 2002   | C4d: A diagnostic marker for humoral renal allograft rejection with glomerulitis, International Academy of Pathology (IAP) Congress 2002, Amsterdam, Holland                                       |
| May 2002       | Single core involvement in ten-core prostate biopsy sampling: pathological findings, CAP 2002, Calgary, Canada                                                                                     |
| May 2002       | Tissue shrinkage from fresh prostate to microscopic slide: find your own yardstick, CAP 2002, Calgary, Canada                                                                                      |
| October 2001   | Genotype analysis of xenobiotic metabolizing enzymes and HPC2 gene variants as predictors of familial prostate cancer susceptibility, Alberta Cancer Board, Annual Research Meeting, Banff, Canada |
| April 2001     | C4d staining in the Calgary allograft rejection database VI <sup>th</sup> Banff Conference on Allograft Pathology, Banff, Canada                                                                   |
| May 2000       | C4d: A specific and sensitive immunofluorescence marker for acute renal allograft rejection associated with anti-donor antibodies, Transplant 2000, Chicago, USA                                   |
| May 2000       | Antibody-mediated acute rejection: a distinct clinical, pathologic, and immunologic trilogy, Transplant 2000, Chicago, USA                                                                         |
| June 1999      | Acute glomerulitis: the good, the bad $V^{th}$ Banff Conference on Allograft Pathology, Banff, Canada                                                                                              |
| September 1998 | Effects of tubulitis and vasculitis on allograft survival and early allograft function in patients treated with MMF CAP 1998 and Annual Royal College Meeting, Toronto, Canada                     |
| July 1998      | Pathology of alloantibody mediated acute rejection and possible inclusion in the Banff working Classification XVII World Transplantation Congress, Montreal, Canada                                |

May 1997 Treatment of early subclinical rejection improves renal function at 24 months in recipients of kidneys from older donors American Society of Transplant Physicians Annual Meeting, Chicago, USA March 1997 Significance of "subclinical rejection" with implications for therapy IV Banff Conference on Allograft Pathology, Banff, Canada March 1997 Recurrence of anti-GBM antibody disease twelve years after transplantation associated with de novo IgA nephropathy IV Banff Conference on Allograft Pathology, Banff, Canada January 1997 Acute rejection antibodies First Canadian Round Table on ELISA HLA Testing Pre and Post Transplantation, Toronto, Canada May 1996 Effect of subclinical rejection on renal transplant histology and function at 12 months: a prospective, randomized study American Society of Transplant Physicians Annual Meeting, Dallas, USA October 1995 EBV-induced PTLD presenting simultaneously with acute kidney allograft rejection, Immunodeficiency-related Lymphoproliferative Disorders Workshop, American Society for Hematopathology, Duarte (City of Hope), USA July 1995 Pathology of antibody-mediated rejection III<sup>rd</sup> Banff Conference on Allograft Pathology, Banff, Canada May 1995 Effect of early subclinical rejection on allograft histology and function at 6 months: a prospective, randomized study. American Society of Transplant Physicians Annual Meeting, Chicago, USA May 1995 Pathology of anti-class I antibody induced rejection American Society of Transplant Physicians Annual Meeting, Chicago, USA October 1990 Preliminary results of the application of HBV DNA in-situ hybridization in inflammatory, cirrhotic and neoplastic liver disease II Yugoslav Symposium on current aspects of viral hepatitis, Skopje, Macedonia Acid-base disbalance in patients with chronic pulmonary heart April 1985 failure. Yugoslav Medical Student Congress, Tuzla, Yugoslavia April 1984 The effects of adrenalin on thyroid I-131 uptake Yugoslav Medical Student Congress, Novi Sad, Yugoslavia