

Pieter Uvin MD PhD FEBU



address: Doornstraat 200, 8200 Sint-Andries (Bruges), Belgium
date and place of birth: 4 March 1985, Dendermonde, Belgium
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EDUCATION

- 1997 – 2003 : Sint-Jozefscollege, Aalst, Belgium
- 2003 – 2010 : MD : University of Leuven, Belgium: great distinction
- 2010 – 2015 : PhD : Doctoral School of Biomedical Sciences, University of Leuven, Belgium
 - PhD thesis: Exploring Detrusor Overactivity: The role of molecular sensors.
promotor: Prof. Dr. Dirk De Ridder
- 2010 – 2017 : MMed : Master of Medicine in Urology : University of Leuven, Belgium
- 2018 : FEBU : Fellow of the European Board of Urology
- Additional qualifications: Certificate in Laboratory Animal Science (University of Leuven, 2011)
Certificate in Radiation Protection and Radioprotection (University of Leuven, 2011)
Certificate in Advanced Suturing (UZ Gent, 2012)
Certificate in Intensive Procedure Specific Robotic Training (ORSI, 2015)
Certificate in European Training in Basic Laparoscopic Urological Skills (E-BLUS, 2016)
Certificate in Advanced Robotic Surgery (ORSI, 2016)
Certificate in laparoscopy and endourology (ESU, 2017)
Certificate in robotic surgery (Université de Lorraine, Nancy, France, 2018)
Certificate of excellence in robot-assisted prostatectomy (ORSI, 2020)
Additional credits during basic medical training (University of Leuven): History of Medicine, Tropical Medicine, Cardiac Surgery, Research in a Laboratory (as student-researcher), Exercise Physiology

EMPLOYMENT

Clinical

- 2010 – 2011 : Urology resident (voluntary and part-time), Regional Hospital Tienen, Belgium
- 2012 – 2013 : General Surgery resident, Jessa Hospital Hasselt, Belgium
- 2013 – 2014 : Urology resident, University Hospitals Leuven, Belgium
- 2014 – 2016 : Urology resident, Sint-Lucas Hospital Ghent, Belgium
- 2016 – 2017 : Urology resident, AZ Delta Roeselare, Belgium
- 2017 – 2018 : Fellow in Urology and Uro-oncology, OLV Clinic Aalst, Belgium
- September 2018 : Fellow in Urology with focus on Holmium laser enucleation of the prostate (HoLEP), Vivantes Auguste-Viktoria-Klinikum, Berlin, Germany
- From Octobre 2018: Urologist, Urological Center North West Flanders (Sint-Jan Hospital Bruges & Sint-Lucas Hospital Bruges, Belgium)
- From Octobre 2022 : "stagemeester" in Urology

Scientific

- 2010 – 2015 : PhD student & basic research fellow, Experimental Urology Laboratory, University Hospitals Leuven, Belgium
- 2013 – 2014 : voluntary scientific collaborator, University of Hasselt, Belgium
- 2015 – 2018 : voluntary scientific collaborator, University of Leuven, Belgium
- From March 2023 : academic consultant, University of Leuven, Belgium

As a representative

- 2010 – 2011 : Representative of junior academic staff, Department of Surgery, University of Leuven
- 2013 – 2017 : Residents' representative of BVU (Belgische Vereniging voor Urologie)
- 2014 – 2015 : Chairman of ESRU.be (Belgian section of the European Society of Residents in Urology)
- 2014 – 2016 : Secretary of ESRU Europe (European Society of Residents in Urology)
- From January 2019: Board member of the BVU board (Belgische Vereniging voor Urologie) and representative of the young urologists (under 40)
- From March 2019 : associate of the EAU Robotic Urology Section (ERUS)
- From April 2021 : Board member of the BLUG (Belgian Laparoscopic Urology Group)

AWARDS & GRANTS

- TTMed Clinical Case Award Winner 2010
- PhD Fellow of the Research Foundation Flanders (FWO) 2010 - 2012
- BVU (Belgische Vereniging voor Urologie) grant 2011
- Resident's Seminar of the University Hospitals Leuven Winner 2012
- Second poster price at the Belgian Association of Urology Congress 2012
- Professor Elaut award for basic science 2013
- Second poster price at the Belgian Association of Urology Congress 2014
- Professor Elaut award for basic science 2014
- Best poster of thematic session at the Annual Congress of the European Association of Urology 2015
- **European Association of Urology Best Paper on Fundamental Research Award 2015**
- First poster price at the Belgian Association of Urology Congress 2015
- Professor Elaut award for basic science 2016
- Best poster of thematic session at the Annual Congress of the European Association of Urology 2016
- **European Association of Urology Best Paper on Fundamental Research Award 2016**
- Seventh price in the robot da Vinci simulator olympiads in Paris 2016
- Poster contest award on the Belgian Association of Urology Congress 2016
- Poster contest award at the Professor Elaut award 2017
- First price in the robot da Vinci simulator olympiads in Paris 2017

PEER-REVIEWED PUBLICATIONS

- **Uvin P**, de Meyer JM, Van Holderbeke G (2010). A comparison of the peri-operative data after open radical retropubic prostatectomy or robotic-assisted laparoscopic prostatectomy. *Acta Chir Belg* 110(3):313-6.
- Verlinden C, **Uvin P**, Labey L, Luyckx JP, Bellemans J, Vandenneucker H (2010). The influence of malrotation of the femoral component in total knee replacement on the mechanics of patellofemoral contact during gait: an in vitro biomechanical study. *J Bone Joint Surg Br* 92(5):737-42.
- **Uvin P**, Van Baelen A, Verhaegen J, Bogaert G (2011). Ureteral stents do not cause bacterial infections in children after ureteral reimplantation. *Urology* 78(1):154-8.
- Boudes M, **Uvin P**, De Ridder D (2011). TRPV4, new therapeutic target for urinary problems. *Med Sci (Paris)* 27(3):232-4.
- Boudes M, **Uvin P**, Kerselaers S, Vennekens R, Voets T, De Ridder D (2011). Functional characterization of a chronic cyclophosphamide-induced overactive bladder model in mice. *NeuroUrol Urodyn* 30(8):1659-65.
- **Uvin P**, Everaerts W, Alpizar Y, Boudes M, Pinto S, Gevaert T, Voets T, Nilius B, Talavera K, De Ridder D (2012). The use of cystometry in small rodents: a study of bladder chemosensation. *J Vis Exp* 66:e3869.
- Manodoro S, Endo M, **Uvin P**, Albersen M, Vlácil J, Engels A, Schmidt B, De Ridder D, Feola A, Deprest J (2013). Graft-related complications and biaxial tensiometry following experimental vaginal implantation of flat mesh of variable dimensions. *BJOG* 120(2):244-50.
- Boudes M, **Uvin P**, Pinto S, Voets T, Fowler CJ, Wenning GK, De Ridder D, Stefanova N (2013). Bladder dysfunction in a transgenic mouse model of multiple system atrophy. *Mov Disord* 28(3):347-55.
- **Uvin P**, Boudes M, Menigoz A, Franken J, Pinto S, Gevaert T, Verplaetse R, Tytgat J, Vennekens R, Voets T, De Ridder D (2013). Chronic administration of anticholinergics in rats induces a shift from muscarinic to purinergic transmission in the bladder wall. *Eur Urol* 64(3):502-10.
- Boudes M, **Uvin P**, Pinto S, Freichel M, Birnbaumer L, Voets T, De Ridder D, Vennekens R (2013). Crucial role of TRPC1 and TRPC4 in cystitis-induced neuronal sprouting and bladder overactivity. *PLoS One* 29;8(7):e69550.
- Franken J, **Uvin P**, De Ridder D, Voets T (2014). TRP channels in lower urinary tract dysfunction. *Br J Pharmacol* 171(10):2537-51.
- **Uvin P**, Franken J, Pinto S, Rietjens R, Grammet L, Deruyver Y, Alpizar YA, Talavera K, Vennekens R, Everaerts W, De Ridder D, Voets T (2015). Essential role of Transient Receptor Potential M8 (TRPM8) in a model of acute cold-induced urinary urgency. *Eur Urol* 68(4):655-61.
- Franken J, Gevaert T, **Uvin P**, Wauterickx K, Boeve AC, Rietjens R, Boudes M, Hendriks JJ, Hellings N, Voets T, De Ridder D (2016). Urodynamic changes in mice with experimental autoimmune encephalomyelitis correlate with neurological impairment. *NeuroUrol Urodyn* 35(4):450-6.
- Gómez Rivas JA, **Uvin P**, Rodríguez Socarras ME, Patrino G, Esperto F, Dinis PJ, Borgmann H (2016). Influence of social media on urological knowledge acquisition among young urologists across Europe. *EMJ Urol* 4(1):52-3.
- Van Besien J, **Uvin P**, Van den Broecke C, Creytens D, Merckx L (2016). Renal metastasis of a malignant myopericytoma: a case report and review of literature. *EMJ Urol* 4(1):82-7.
- Van Besien J, **Uvin P**, Van den Abeele AM, Merckx L (2016). Prevalence, risk factors, and clinical relevance of fluoroquinolone-resistant organisms in rectal cultures: should we target antibiotic prophylaxis prior to prostate biopsy? *Adv Urol* 2016:5392107.
- **Uvin P**, Albersen M, Bollen I, Falter M, Linsen L, Tinel H, Sandner P, Bivalacqua T, De Ridder D, Van Der Aa F, Brône B, Van Renterghem K (2017). Additive effects of the Rho Kinase Inhibitor Y-27632 and vardenafil on relaxation of corpus cavernosum tissue of patients with erectile dysfunction and clinical phosphodiesterase type 5 inhibitor failure. *BJU Int* 119(2):325-32.
- Van Besien J, **Uvin P**, Hermie I, Taillly T, Merckx L (2017). Ultrasonography is not inferior to fluoroscopy to guide extracorporeal shock waves during treatment of renal and upper ureteric calculi: a randomized prospective study. *Biomed Res Int* 2017: 7802672.
- Hermans B, **Uvin P**, Vanhoucke JL, Goeman L, Verhamme L, Boel K, Van Der Eecken H, Ryckaert T, Marrannes J, Joniau S, Marchand W (2017). Incidentally detected renal arteriovenous malformation: a case report and review of the literature. *EMJ Urol* 5(1):71-5.
- Gómez Rivas JA, Rodríguez Socarras ME, Patrino G, **Uvin P**, Esperto F, Dinis PJ, Roupert M, Borgmann H (2018). Perceived role of social media in urologic knowledge acquisition among young urologists: a European survey. *Eur Urol Focus* 4(5):768-73.
- Rodríguez-Socarras M, Vasquez JL, **Uvin P**, Skjold-Kingo P, Gomez Rivas J (2018). Fatigue syndrome: Stress, Burnout and Depression in Urology. *Arch Esp Urol* 71(1):46-54.
- Van Besien J, **Uvin P**, Weyne E, Van Praet C, Merckx L, De Graeve N, van Renterghem K, Cartuyvels R, Van den Abeele AM (2018). The use of fosfomycin as targeted antibiotic prophylaxis before prostate biopsy: a prospective randomized cohort study. *Int J of Urol* 26(3):391-7.
- Lambert E, D'Hondt F, Mazzone E, Vollemaere J, Larcher A, Van Der Jeugt J, Devos G, **Uvin P**, Goossens M, Poelaert F, De Naeyer G, Schatteman P, Collins J, Mottrie A, Dell'Oglio P (2019). Time to Move On: The Impending Need for a New Disease-specific Comorbidity Index for Bladder Cancer Patients Undergoing Robot-assisted Radical Cystectomy. *Eur Urol Focus* 7(1):139-41.
- Rodríguez-Socarrás M, Skjold Kingo P, **Uvin P**, Østergren P, Patrino G, Edison E, Kasivisvanathan V, Vásquez JL, Esperto F, Gómez Rivas J (2020). Lifestyle among urology trainees and young urologist in the context of burn-out syndrome. *Actas Urol Esp* 44(1):19-26.
- Alpizar YA, **Uvin P**, Naert R, Franken J, Pinto S, Sanchez A, Gevaert T, Everaerts W, Voets T, De Ridder D and Talavera K (2020). TRPV4 Mediates Acute Bladder Responses to Bacterial Lipopolysaccharides. *Front. Immunol* 11:799. Article DOI: 10.3389/fimmu.2020.00799.

- Dirix P, Strijbos M, den Mooter TV, Liefhooghe N, Bruwaene SV, **Uvin P**, Ghysel C, Ost D, Schatterman P, Bral S, Engels B, den Begin RV, Otte FX, Roumeguere T, Palumbo S, Neybuch Y, Fonteyne V, Ost P, Dirix L (2020). Phase II open-label study investigating apalutamide in patients with biochemical progression after radical prostatectomy. *Future Oncol* 16(16):1083-9.
- Gómez Rivas J, Rodríguez-Socarrás M, Somani B, **Uvin P**, Vasquez JL, Henningsohn L, Pearce I, Zondervan P, Van Poppel H, Palou J (2020). Undergraduate Education for Urology in Europe. Where do we stand? *Eur Urol* 78(3):381-4.
- Dell'Oglio P, Mazzone E, Lambert E, Vollemaere J, Goossens M, Larcher A, Van Der Jeugt J, Devos G, Poelaert F, **Uvin P**, Collins J, De Naeyer G, Schatterman P, D'Hondt F, Mottrie A (2021). The Effect of Surgical Experience on Perioperative and Oncological Outcomes After Robot-assisted Radical Cystectomy with Intracorporeal Urinary Diversion: Evidence from a Referral Centre with Extensive Experience in Robotic Surgery. *Eur Urol Focus* 7(2):352-8.
- Lambert E, D'Hondt F, Mazzone E, Vollemaere J, Larcher A, Van Der Jeugt J, Devos G, **Uvin P**, Goossens M, Poelaert F, De Naeyer G, Schatterman P, Collins J, Mottrie A, Dell'Oglio P (2021). Time to Move On: The Impending Need for a New Disease-specific Comorbidity Index for Bladder Cancer Patients Undergoing Robot-assisted Radical Cystectomy. *Eur Urol Focus* 7(1):139-141.
- Slots C, **Uvin P**, Van Damme E (2022). Irrigation fluid absorption syndrome during HoLEP: A case study. *Urol Case Rep* 3;45:102248.
- De Vulder N, Slots C, Geldof K, Ramboer K, Dekimpe P, **Uvin P**, Walgraeve MS, Van Holsbeek A, Gieraerts K (2022). Safety and efficacy of software-assisted MRI-TRUS fusion-guided transperineal prostate biopsy in an outpatient setting using local anaesthesia. *Abdom Radiol*. Nov 18. doi: 10.1007/s00261-022-03745-5. Online ahead of print.

NON PEER-REVIEWED PUBLICATIONS

- Deruyver Y, **Uvin P**, De Ridder D (2015). Sensorische signaaltransductie van de lagere urinewegen naar het centrale zenuwstelsel. *Andrologic* 11(5):10-13.
- **Uvin P** (2016). Detrusoroveractiviteit: de rol van moleculaire sensoren. *Urologic* 12(1):6-7.
- **Uvin P**, Albersen M, Bollen I, Falter M, Weyne E, Linsen L, Tinel H, Sandner P, Bivalacqua TJ, De Ridder D, Van der Aa F, Brône B, Van Renterghem K (2017). Rho-kinase inhibitoren als potentiële therapie voor erectiele disfunctie. *Urologic* 13(2):18-22.

BOOK CHAPTERS

- **Uvin P**, Leys C, Gandaglia G, Fossati N, De Groote R, Mottrie A (2018). Chapter 38 : Robotic or Laparoscopic Renal Surgery: Pros and Cons. In: Hemal AK, Menon M. *Robotics in Genitourinary Surgery*. Second Edition. ISBN: 978-3-319-20644-8. Springer International Publishing. Pages 515-547.
- Mylle T, Challacombe B, **Uvin P**, Mottrie A (2022). Chapter 8 : Renal Robotic Surgery for Lefties : Left-Handedness in Upper Tract Robotic Surgery. In: Goonewardene SS, Persad R, Albala D. *Robotic Surgery for Renal Cancer*. ISBN: 978-3-031-10999-7. Pages 79-86.

ABSTRACTS AND PRESENTATIONS IN SCIENTIFIC MEETINGS

underlined : with oral presentation by Pieter Uvin

- **Uvin P**, Boudes M, Voets T, De Ridder D. Modulation of bladder sensory neurons via viral vector intrathecal injection. Professor Elaut award 2011. Jan 29, 2011. Anderlecht, Belgium.
- **Uvin P**, Van Baelen A, Verhaegen J, Schuermans A, Bogaert G. Ureteral catheters cause bacterial colonization but do not cause bacterial infections in children after ureteral reimplantation. Professor Elaut award 2011. Jan 29, 2011. Anderlecht, Belgium.
- Van Baelen A, **Uvin P**, Verhaegen J, Bogaert G. Ureteral catheters after ureteral reimplantation do not cause bacterial urinary tract infections in children. 26th Annual EAU Congress. March 18-22, 2011. Vienna, Austria.
- **Uvin P**, Van Baelen A, Verhaegen J, Schuermans A, Bogaert G. Ureteral catheters cause bacterial colonization but do not cause bacterial infections in children after ureteral reimplantation. 22nd Congress of the European Society for Paediatric Urology. April 27-30, 2011. Copenhagen, Denmark.
- **Uvin P**, Boudes M, Kerselaers S, Vennekens R, Voets T, De Ridder D. First study results to demonstrate that TRPA1 mediates the bladder cooling reflex in a urethane anaesthetized and spinal cord injury rat model. INComb-TRUST-SEA joint symposium. June 8-11, 2011. Stockholm, Sweden.
- **Uvin P**, Boudes M, Voets T, De Ridder D. The role of TRPA1 in the bladder cooling reflex in a urethane anaesthetized and spinal cord injury rat model. 41rd Annual Meeting of the International Continence Society (ICS). Aug 30-Sep 2, 2011. Glasgow, UK.
- **Uvin P**, Boudes M, Franken J, Pinto S, Gevaert T, Voets T, De Ridder D. Waarom falen anticholinergica?. Professor Elaut award 2012. Jan 21, 2012. Neerpelt, Belgium.
- **Uvin P**, Boudes M, Menigoz A, Franken J, Pinto S, Gevaert T, Verplaetse R, Tytgat J, Vennekens R, Voets T, De Ridder D. Oxybutynin induces tachyphylaxis and enhances purinergic signalling in the rat bladder. International Sensory Bladder Meeting. June 22-23, 2012. Annecy, France.
- Manodoro S, **Uvin P**, Albersen M, Endo M, Vlacic J, Meier P, Engels A, Feola A, De Ridder D, Deprest J. Experimental vaginal surgery in sheep and variables determining graft related complications. 37th Annual IUGA Meeting. Sep 4-8, 2012. Brisbane, Australia.
- **Uvin P**, Boudes M, Franken J, Pinto S, Gevaert T, Voets T, De Ridder D. Why anticholinergics fail. 12th Annual Congress of the Belgian Association of Urology. Dec 7-8, 2012. Brussels, Belgium.
- Waterschoot M, Raskin Y, **Uvin P**, De Ridder D, Van Der Aa F. De blaaskoelingsreflex bij idiopathisch overactief blaaslijden. Professor Elaut award 2013. Jan 26, 2013. Antwerpen, Belgium.
- Franken J, Boudes M, **Uvin P**, Boeve AC, Voets T, Hendriks J, Hellings N, De Ridder D. Bladder dysfunction in mice with experimental autoimmune encephalitis is a model for neurogenic OAB in multiple sclerosis. Professor Elaut award 2013. Jan 26, 2013. Antwerpen, Belgium.
- **Uvin P**, Boudes M, Franken J, Everaerts W, Pinto SJ, Boeve AC, Rietjens R, Alpizar YA, Owsianik G, Talavera K, De Ridder D, Voets T. Cool Bladder TRP channels. Professor Elaut award 2013. Jan 26, 2013. Antwerpen, België.
- Franken J, Boudes M, **Uvin P**, Boeve AC, Voets T, Hendriks J, Hellings N, De Ridder D. Bladder dysfunction in mice with experimental autoimmune encephalitis is a model for neurogenic OAB in multiple sclerosis. 28th Annual EAU Congress. March 15-19, 2013. Milan, Italy.
- **Uvin P**, Boudes M, Franken J, Menigoz A, Pinto S, Gevaert T, Verplaetse R, Tytgat J, Voets T, De Ridder D. Why anticholinergics fail : Oxybutynin and fesoterodine induce a shift from muscarinic to purinergic transmission in the rat bladder. 28th Annual EAU Congress. March 15-19, 2013. Milan, Italy. Poster 441.
- **Uvin P**, Boudes M, Franken J, Menigoz A, Pinto S, Gevaert T, Verplaetse R, Tytgat J, Voets T, De Ridder D. Why anticholinergics fail : Oxybutynin and fesoterodine induce a shift from muscarinic to purinergic transmission in the rat bladder. 28th Annual EAU Congress. March 15-19, 2013. Milan, Italy. Extended poster presentation at thematic session 14.
- **Uvin P**, Boudes M, Franken J, Menigoz A, Pinto S, Gevaert T, Verplaetse R, Tytgat J, Voets T, De Ridder D. Why anticholinergics fail : Oxybutynin and fesoterodine induce a shift from muscarinic to purinergic transmission in the rat bladder. AUA Annual Meeting. May 4-8, 2013. San Diego, USA. Poster 115.
- Hakim L, Endo M, Feola A, **Uvin P**, Soebadi D, Deprest J, De Ridder D, Albersen M, Van Der Aa F. Ultrasound, spot test, bladder leakage capacity and time to leakage to determine the functional alteration in different rat models of stress urinary incontinence. 28th Annual EAU Congress. March 15-19, 2013. Milan, Italy.
- Franken J, Boudes M, **Uvin P**, Boeve AC, Voets T, Hendriks J, Hellings N, De Ridder D. Bladder dysfunction in mice with experimental autoimmune encephalitis is a model for neurogenic OAB in multiple sclerosis. AUA Annual Meeting. May 4-8, 2013. San Diego, USA. Poster 115.

- **Uvin P**, Franken J, Boudes M, Pinto S, Everaerts W, Boeve AC, Rietjens R, Alpizar YA, Owsianik G, Talavera K, De Ridder D, Voets T. The role of TRPA1 in the bladder cooling reflex; a possible new target. AUA Annual Meeting. May 4-8, 2013. San Diego, USA.
- **Uvin P**, Franken J, Boudes M, Everaerts W, Pinto S, Boeve A, Rietjens R, Alpizar YA, Owsianik G, Talavera K, De Ridder D, Voets T. The Bladder-Cooling Reflex Is a Local Phenomenon, Mediated by Trpa1. 43rd Annual Meeting of the International Continence Society (ICS). Aug 26-30, 2013. Barcelona, Spain.
- **Uvin P**, Boudes M, Franken J, Pinto S, Gevaert T, Voets T, De Ridder D. Waarom falen anticholinergica? Sep 9, 2013. Resident's seminar. Leuven, Belgium.
- **Uvin P**, Alpizar YA, Boonen B, Gees M, Gevaert T, Boudes M, Voets T, De Ridder D, Everaerts W, Talavera K. Acrolein activates the capsaicin receptor TRPV1. Professor Elaut award 2014. Jan 25, 2014. Aalst, Belgium.
- Alpizar YA, **Uvin P**, Boonen B, Luyts K, De Vooght V, Voets T, De Ridder D, Nemery B, Hoet P, Talavera K. The cation channel TRPV4 regulates epithelial barrier responses to lipopolysaccharides. Biophysical Society 58th Annual Meeting. February 15-19, 2014. San Francisco, USA. Abstract BP429.
- Alpizar YA, **Uvin P**, Boonen B, Luyts K, De Vooght V, Voets T, De Ridder D, Nemery B, Hoet P, Talavera K. The cation channel TRPV4 regulates epithelial barrier responses to lipopolysaccharides. 12th ERS Lung Science Conference. March 21-23, 2014. Estoril, Portugal. Abstract PP109.
- Albersen M, Bivalacqua T, Hannan J, Linsen L, Weyne E, Tinel H, Sandner P, **Uvin P**, Van Renterghem K. Increased Rho-kinase 2 and an increase of synthetic smooth muscle-specific marker expression is observed in the corpus cavernosum of patients with severe erectile dysfunction. AUA Annual Meeting. May 16-21, 2014. Orlando, USA.
- **Uvin P**, Franken J, Pinto S, Rietjens R, Grammet L, Deruyver Y, Alpizar YA, Talavera K, Vennekens R, Everaerts W, De Ridder D, Voets T. Essential role of TRPM8 in a model of acute cold-induced urgency. 14th Annual Congress of the Belgian Association of Urology. Dec 12-13 2014. Spa, Belgium.
- **Uvin P**, Albersen M, Bollen I, Falter M, Linsen L, Tinel H, Sandner P, Bivalacqua T, De Ridder D, Van Der Aa F, Brône B, Van Renterghem K. Synergistic effects of Y-27632 and vardenafil on relaxation of corpus cavernosum tissue of patients with erectile dysfunction and clinical phosphodiesterase type 5 inhibitor failure. 30th Anniversary EAU Congress. March 20-24, 2015. Madrid, Spain. Poster 42.
- **Uvin P**, Alpizar YA, Boonen B, Gees M, Gevaert T, Boudes M, Voets T, De Ridder D, Everaerts W, Talavera K. Acrolein activates the capsaicin receptor TRPV1. 30th Anniversary EAU Congress. March 20-24, 2015. Madrid, Spain. Poster 795.
- **Uvin P**, Franken J, Pinto S, Rietjens R, Grammet L, Deruyver Y, Alpizar YA, Talavera K, Vennekens R, Everaerts W, De Ridder D, Voets T. Essential role of TRPM8 in a model of acute cold-induced urgency. 30th Anniversary EAU Congress. March 20-24, 2015. Madrid, Spain. Poster 797.
- Deruyver Y, **Uvin P**, Pinto S, Everaerts W, Voets T, De Ridder D. Keep on tripping: Also TrpM4 plays a functional role in the lower urinary tract of the rat. 45th Annual Meeting of the International Continence Society (ICS). Oct 6-9, 2015. Montreal, Canada.
- **Uvin P**, Alpizar YA, Boonen B, Gees M, Gevaert T, Boudes M, Voets T, De Ridder D, Everaerts W, Talavera K. Acrolein activates the capsaicin receptor TRPV1. 15th Annual Congress of the Belgian Association of Urology. Dec 4-5 2015. Antwerp, Belgium.
- **Uvin P**, Albersen M, Bollen I, Falter M, Linsen L, Tinel H, Sandner P, Bivalacqua T, De Ridder D, Van Der Aa F, Brône B, Van Renterghem K. Synergistic effects of Y-27632 and vardenafil on relaxation of corpus cavernosum tissue of patients with erectile dysfunction and clinical phosphodiesterase type 5 inhibitor failure. Professor Elaut award 2016. Jan 30, 2016. Turnhout, Belgium.
- Van Besien J, **Uvin P**, De Graeve N, Ringoir Y, Derie A, Merckx L. Ultrasonography is a valuable alternative to fluoroscopy to guide extracorporeal shock waves during treatment of renal and upper ureteric calculi: a prospective cohort study. Professor Elaut award 2016. Jan 30, 2016. Turnhout, Belgium.
- Alpizar YA, **Uvin P**, Franken J, Gevaert, Voets T, De Ridder D, Talavera K. The cation channel TRPV4 mediates responses to LPS in urothelial cells. 31th EAU Congress. March 11-15, 2016. Munich, Germany. Extended poster presentation 313 at thematic session 25.
- Gómez Rivas JA, **Uvin P**, Rodríguez Socarras ME, Patruno G, Esperto F, Dinis PJ, Borgmann H. Influence of social media on urological knowledge acquisition among young urologists across Europe. 31th EAU Congress in Munich. March 11-15, 2016. Munich, Germany. Poster 367.
- Gómez Rivas JA, Patruno G, Rodríguez Socarras ME, Esperto F, **Uvin P**, Dinis PJ, Borgmann H. Influencia de las Redes Sociales en la adquisición de conocimientos urológicos en los Urologos jóvenes de Europa. Congreso Nacional de Urología. June 17, 2016. Toledo, Spain.
- Alpizar YA, **Uvin P**, Franken J, Gevaert, Voets T, De Ridder D, Talavera K. The cation channel TRPV4 mediates responses to LPS in urothelial cells. Global Congress on LUTD. September 22-23, 2016.
- **Uvin P**, Goeman L, Verhamme L, Vanhoucke JL, Joniau S. A massive prostate mass. 16th Annual Congress of the Belgian Association of Urology. December 2-3, 2016. Liège, Belgium.
- Alpizar YA, **Uvin P**, Franken J, Gevaert, Voets T, De Ridder D, Talavera K. The cation channel TRPV4 mediates responses to LPS in urothelial cells. Professor Elaut award 2017. January 21, 2017. Antwerp, Belgium.
- Deruyver Y, **Uvin P**, Pinto S, Van Ranst N, Franken J, Gevaert T, Everaerts W, Voets T, De Ridder D, Vennekens R. 9-Phenanthrol modifies rat bladder function independent of TRPM4. 32th EAU Congress in London. March 24-28, 2017. London, United Kingdom. Poster 194.
- Van Besien J, **Uvin P**, Hermie I, Tailly T, Merckx L. Ultrasonography is not inferior to fluoroscopy to guide extracorporeal shock waves during treatment of renal and upper ureteric calculi: a randomized prospective study. 32th EAU Congress in London. March 24-28, 2017. London, United Kingdom. Poster 35.
- Dewaele F, De Pauw T, Kalmar A, Lumen N, De Groot R, Dekuyper P, Traen K, **Uvin P**, Bauwens K, Van Nieuwenhove Y, Mottrie A, Van Roost D. Needle-assisted laparo-endoscopic single-site surgery for radical prostatectomy (LESS-PP) using a new series of Steerable instruments: Feasible option to overcome current limits. 33th EAU Congress in Copenhagen. March 16-20, 2018. Copenhagen, Denmark. Poster 223.
- Lambert E, D'Hondt F, Mazzone E, Vollemaere J, Larcher A, Van Der Jeugt J, Devos G, **Uvin P**, Goossens M, Poelaert F, De Naeyer G, Schatteman P, Collins J, Mottrie A, Dell'Oglio P (2019). Time to Move On: The Impending Need for a New Disease-specific Comorbidity Index for Bladder Cancer Patients Undergoing Robot-assisted Radical Cystectomy. 34th EAU Congress in Madrid. March 15-19, 2019. Madrid, Spain. Poster 979.

CONFERENCE & WORKSHOP CO-ORGANIZATION

- Starters' Package 2014 - 2015 with four days of laparoscopic and robotic surgery skills training for fourth year urology residents - Organised by the Belgian section of the European Society of Residents in Urology (ESRU.be) and the Belgian Laparoscopic Urology Group (BLUG).
- ESRU.be day on 7 May 2014 in Grimbergen, Belgium - Organised by the Belgian section of the European Society of Residents in Urology (ESRU.be).
- Residents' session on 13 December 2014 at the 14th Belgian Association of Urology Congress, Spa, Belgium - Organised by the Belgian section of the European Society of Residents in Urology (ESRU.be) and the Belgian Association of Urology (BAU).
- Residents and Young Urologists Day on 21 March 2015 at the 30th Anniversary EAU Congress, Madrid, Spain - Organised by the Young Urologists Office (YUO) in collaboration with the European Society of Residents in Urology (ESRU) and the Young Academic Urologists Working Parties (YAU).
- Residents' session on 5 December 2015 at the 15th Belgian Association of Urology Congress, Antwerp, Belgium - Organised by the Belgian section of the European Society of Residents in Urology (ESRU.be) and the Belgian Association of Urology (BAU).
- YUORDay16 on 12 March 2016 at the 31th EAU Congress, Munich, Germany - Organised by the Young Urologists Office (YUO) and the European Society of Residents in Urology (ESRU).
- First European Basic Robotic Surgery Course on 23 & 24 May 2016 at ORSI, Melle, Belgium - Organised by the European Society of Residents in Urology (ESRU) and the EAU Robotic Urology Section (ERUS).

- Scientific Summits event on 15 October 2016 in Brussels, Belgium – Organised in collaboration with the Belgian section of the European Society of Residents in Urology (ESRU.be).
- First ESRU.be Advanced Robotic Surgery Course on 12 – 16 December 2016 at ORSI, Melle, Belgium - Organised by the Belgian section of the European Society of Residents in Urology (ESRU.be).

EDUCATIONAL EXPERIENCE

- Co-promotor of the master thesis of Mieke Waterschoot, MD and Yannic Raskin, MD: The importance of the ice water test in addition to routine urodynamic investigation in patients with overactive bladder syndrome. April 2012.

SOCIAL

- 1992 – 2005: member of the football club KSK Erembodegem
- 1997 – 2007 : member of the youth movement KSA Erembodegem (2002 – 2007 : as leader)
- From 2016 : member of Crossfit Bruges

LANGUAGE SKILLS

- Dutch : native
- English : very good
- French : good
- Spanish : basic

REFERENCES

- Prof. Dr. Dirk De Ridder, MD PhD : Promotor of doctoral thesis, Head of Experimental Urology Laboratory & Chairman of the department of Urology, University Hospitals Leuven, Belgium (dirk.deridder@uzleuven.be)
- Prof. Dr. Hein Van Poppel, MD PhD : past chairman of the department of Urology, University Hospitals Leuven, Belgium (hendrik.vanpoppel@uzleuven.be)
- Dr. Luc Merckx, MD : Residency supervisor of the department of Urology, Sint-Lucas Hospital Ghent, Belgium (luc.merckx@azstlucas.be)
- Dr. Jean-Louis Vanhoucke, MD: Residency supervisor of the department of Urology, AZ Delta Roeselare, Belgium (jeanlouis.vanhoucke@azdelta.be)
- Dr. Guido Vangertruyden, MD : Chairman of the department of General Surgery, Jessa Hospital Hasselt, Belgium (guido.vangertruyden@jessazh.be)
- Dr. Jan Van Nuffel, MD : Chairman of the department of Urology, Regional Hospital Tienen, Belgium (jan.vannuffel@rztienen.be)
- Prof. Dr. Thomas Voets, PhD : Co-promotor of doctoral thesis, Head of the Laboratory of Ion Channel Research, University of Leuven, Belgium (thomas.voets@kuleuven.be)
- Prof. Dr. Alexander Mottrie, MD PhD: Chairman of the department of Urology, OLV Clinic Aalst, Belgium (alex.mottrie@olvz-aalst.be)