

CURRICULUM VITAE

E. E. Elamin MBBS, MSc, MMed, MD, PhD

Personal information



Name: Elhaseen E. Elamin


Title: MBBS, MSc, MMed, MD, PhD

Nationality: Dutch

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 https://www.researchgate.net/profile/Elhaseen_Elamin

Career goals and plans

I am a radiation oncologist, trained in Belgium, with 5 years' experience in Radiation Oncology and currently subspecializing in Genito-Urinary Radiation Oncology. Also scientific researcher, and molecular cell physiologist, trained in Germany and the Netherlands, with master, PhD and postdoctoral studies in Molecular Cell Biology, equivalent to assistant professor level, willing to build a bright career in clinical and academic radiation oncology.

Education and qualifications

01/03/2021 to date	Fellowship in Genito-Urinary Radiation Oncology Dept. of Radiation Oncology Ghent University Medical Center Ghent, Belgium
01/03/2016 t/m 28/02/2021	Radiation Oncologist in training (speciality registrar SpR) Dept. of Radiation Oncology Ghent University Medical Center Ghent, Belgium
01/03/2016 t/m 28/02/2021	Master of Medicine (MMed) in Radiation-Oncology Ghent University Ghent, Belgium
09/2019	Professional recognition and equivalency to Dutch MD degree (Erkenning van beroepskwalificatie als arts door de Commissie Buitenslands Gediplomeerden Volksgezondheid (CBGV), Den Haag, Netherlands)
2014-2016	Postdoctoral fellowship Molecular Intestinal Cell physiology , Maastricht University Medical Center Maastricht, the Netherlands
2015	Full registration and licence; Belgian Physicians' Board (Orde der Artsen), Brussel, Belgium. Registr. nr: 74203
2014	Full registration and licence; Irish Medical Council (IMC) , Dublin, Ireland. Registration number: 405675
2009-2014	PhD in Molecular Intestinal Cell physiology Thesis title: "Ethanol and intestinal barrier: human intervention and Mechanistic in vitro studies" Maastricht University, the Netherlands.
2014	MD , academic and professional recognition equivalent to the Belgian MD degree, Brussels, Belgium
2011	MRCOG1 , first part of the Membership of the Royal College of Obstetrician and Gynaecologists. London, UK

2012-2013	ESOL: Cambridge English Language for Speakers of Other Languages , level B2.
2010-2011	NT2-I; Nederlands als tweede taal; Dutch as a second language
2006-2008	MSc in Molecular Cell Biology, Vrije Universiteit Amsterdam, the Netherlands
2003-2006	Medical internship and licentiate to practice medicine from Sudanese Medical Council, Khartoum, Sudan
1998-2003	Medicine, medical degree (MBBS), (CGPA 3.67 scale 4), University of Gezira, Wad Medani, Sudan.
1994-1997	Sudanese High Secondary Certificate, Sudan

Work experience

03-2021 / to date	Radiation Oncologist and Fellow in Genito-Urinary Radiation Oncology Dept. of Radiation Oncology Ghent University Medical Center Ghent, Belgium
08-2019 / 02-2021	Radiation Oncologist in training (SpR) Dept. of Radiation Oncology Ghent University Medical Center Ghent, Belgium
02-2019 / 07-2019	Radiation Oncologist in training (SpR) Sint-Augustinusziekenhuis Antwerp, Belgium
03-2016 / 01-2019	Radiation Oncologist in training (SpR) Dept. of Radiation Oncology Ghent University Medical Center Ghent, Belgium
09-2015 / 03-2016	Postdoctoral fellow Gastroenterology and Hepatology Maastricht University Medical Center Maastricht, the Netherlands
07-2015 / 09-2015	Locum SHO in Radiation Oncology Dept. of Radiation Oncology Ghent University Medical Center Ghent, Belgium
07-2013 / 07-2015	Postdoctoral fellow Gastroenterology and Hepatology Maastricht University Medical Center Maastricht, the Netherlands
02-2009 / 07-2013	PhD fellow Gastroenterology and Hepatology Maastricht University Medical Center Maastricht, The Netherlands
08-2008 / 02-2009	Internship in surgery Elhilalia Teaching Hospital, Sudan
11-2007 / 08-2008	Fellow in Molecular Lung Medicine University of Giessen Lung Center Giessen, Germany

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08-2006 / 11-2007	Trainee in Molecular Endocrinology Dept. of Internal medicine, Vrije University Amsterdam Medical Center, The Netherlands
02-2006 / 08-2006	Internship in Internal Medicine and Clinical Physiology Kassala Teaching Hospital, Kassala, Sudan
10-2005 / 02-2006	House Officer in Orthopaedics and Trauma Surgery, Kassala Teaching Hospital, Sudan
07-2005 / 10-2005	House Officer in Internal Medicine, Bashair Teaching Hospital, Khartoum, Sudan
03-2005 / 07-2005	House Officer in Paediatrics, Ahmed Gasim Teaching Hospital, Khartoum, Sudan
01-2005 / 03-2005	House Officer in Urology, Soba University Hospital, Khartoum, Sudan
10-2004 / 01-2005	House Officer in General Surgery, Soba University Hospital, Khartoum, Sudan
06-2004 / 09-2004	House Officer in Obstetrics and Gynaecology, Um Dawanban Teaching Hospital, Khartoum, Sudan.
03-2004 / 06-2004	Clinical attachment, Emergency Medicine, Kenana Hospital, Sudan
01-2004 / 03-2004	Clinical attachment, Obstetrics and Gynaecology, Kenana Hospital, Sudan

Professional medical licences and registrations

Physicians' Board Belgium (Orde der Artsen), Brussel, Belgium
Registration number: 74203

Belgian Board examination in Radiation Oncology, Leuven, Belgium

Irish Medical Council (IMC), Dublin, Ireland
Registration number: 405675

BIG Register, Den Haag, the Netherlands
Registration number: waiting

Sudanese Medical Council, Khartoum, Sudan
Registration number: 18496

Clinical skills

- Provides required patient care and management in the field of Radiation Oncology, in accordance with standards of medical care.
- Offers consultations for referred patients who are scheduled to receive radiation therapy.
- Attends specialty clinics, outpatient clinics, and shares on on-call schedule as per requirements.
- Performs assessment, examination and the compilation of a case history and assists in the diagnosis and management of patients.
- Registers detailed medical history, conducts a thorough physical examination and creates a plan for patients' management and follow-up. Subsequently, records the consultant's orders, progress notes and other required documents for outpatients.
- Provides on-call coverage for radiation oncology on a rotational basis during evenings, nights, weekends and public holidays.
- Prepares for and participates in consultant and specialist ward rounds. Documents findings in medical records.
- Follows up on investigation results for outpatients and modifies treatment accordingly.

- Follows up patients during and after radiotherapy treatment.
- Determines the exact field or area to be treated by radiation, as well as prescribing the number of fractions of radiation needed.
- Delineates of target volumes using Eclipse and Ray station software's.
- Simulates and supervising total body irradiation for stem cell transplantation.
- Answers questions about the risks and benefits of radiation therapy, as well as managing any side effects from radiation may be experienced.
- Working closely with the members of the interdisciplinary team to monitor progress during patients' treatment.

Academic skills

- Provides orientation, bedside training and supervision of interns and residents.
- Participates in the educational activities and training programs of the department.
- Participates in national and international medical conferences.
- Keeps abreast of all the latest techniques and developments in radiation oncology and implements them on a selective basis to improve technical standards.

Clinical and fundamental Research skills

- Participates in clinical, basic and translational research projects and publication to advance knowledge, improve the quality of post graduate education.

Administrative skills

- Undertakes the administrative duties assigned by the Section Head or Chairman of the Department.
- Participates in all mandatory Departmental activities and serves on Departmental and Hospital committees, as required.
- Assists the Department in the development and implementation of techniques and practices that help maximize the utilization of all resources.
- Abides by the current hospital and medical stall bylaws, all relevant rules, regulations and policies and keeps updated of any changes that might occur.
- Participates in self-and others education, training and development as applicable.
- Follows all Hospital-related policies and procedures.

Research experience

01/2019- 04/2019

Longitudinal radiomics of cone-beam CT images: evaluation of the prognostic value for non-small cell lung cancer patients. In collaboration with dr. Janna E. van Timmeren, Maastric Clinic, Maastricht, Netherlands

01-2014 / 03-2017

Clinical and molecular *in vitro* studies at the Lab of Gastroenterology and Hepatology, Maastricht University Medical Center, the Netherlands, investigating in 3D intestinal cell and stem cell-based organoids the role of JAK-STAT and MAP kinases signalling pathways on intestinal epithelial barrier disruption, and the carcinogenesis marker epithelial to mesenchymal transition in inflammatory bowel disease (IBD).

02- 2009 / 01-2014

Molecular *in vitro* studies at the Lab of Gastroenterology and Hepatology, Maastricht University Medical Center, the Netherlands, on effects of alcohol and its metabolites including the carcinogenic metabolite acetaldehyde on intestinal epithelial integrity.

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02-2010 / 02-2011	Clinical interventional studies, Division of Gastroenterology and Hepatology, Maastricht University Medical Center, Maastricht, the Netherlands, on effects of ethanol on intestinal permeability and barrier integrity in healthy volunteers (ClinicalTrials.gov Identifier: NCT00928733).
11-2007 / 08-2008	Research project funded by BAYER at the Lab of Professor Werner Seeger, University of Giessen Lung Center, Giessen, Germany, on effects of Rho kinase inhibitors on Chronic Obstructive Pulmonary Disease.
02-2007 / 08-2007	Research project at the Lab of Endocrinology, Vrije University Amsterdam Medical Center, Amsterdam, The Netherlands, on effects of vitamin D metabolites on bone cells.

Fundamental and clinical research skills

Molecular cell biology research skills	Clinical research skills
– Intestinal stem cell-based organoids culture (mini-gut model)	– Writing clinical trial protocols
– Two dimensional and 3D human cell culture	– Patients recruitment and screening
– DNA/RNA isolation , Primer-design & RT-PCR	– Execution of clinical trials
– Gene silencing (<i>RNAi</i>)	– Data analysis
– Western Blot, dot blot	– Data presentation in national and international conferences
– ELISA, cell viability, toxicity and apoptosis assay	– Publishing in peer-review journals
– Confocal laser scanning microscopy	– Attracting research grants
– Immunohisto (cyto)chemistry	
– Mitochondrial function/ ATP/ Ca ²⁺ assay	
– Assessment of Oxidative stress	
– Animals care & animal microsurgery	

Language skills

	Understanding	Speaking	Writing
Dutch (NT2)	Independent user	Independent user	Independent user
English	Independent user	Independent user	Independent user
German	Basic user	Basic user	Basic user
Arabic	Native	Native	Native

Communication skills

- Good communication skills gained through my experience while working as physician and scientific researcher in different research teams.

Organisational / managerial skills

- Excellent organizations skills (Managing my research budget)
- Leadership (supervising bachelor and master students and acting as consultant molecular cell biologist for PhD students).

Teaching skills and activities

- Certificate in problem-based learning (PBL) for tutors (Faculty of Medicine and Health Sciences, Maastricht University, the Netherlands).
- Lecturer faculty of Medicine (University of Kassala, Sudan)
- Tutor, faculty of Health, Medicine and Life Sciences (University Maastricht).
- Supervision of bachelor and master students:
 - Bachelor thesis in Health Sciences of Mr. Thomas van der Velden (Dutch student), Maastricht University, Netherlands.
 - Bachelor thesis in Molecular Life Sciences of Ms. Anne Schmidt (German student), Maastricht University, Netherlands.
 - Bachelor thesis in Molecular Life Sciences of Ms. Dorit Dehnbostel (German student), Maastricht University, Netherlands.
 - Master thesis in Medicine of Mr. Salem Alghamdi (Saudi Student), Maastricht University, Netherlands.
 - Master thesis in Health Sciences of Ms. Joyce Schloesser (Dutch student), Maastricht University, Netherlands.
 - Master thesis in Biomedical Sciences of Ms. Mirjam Kip (Dutch student), Maastricht University, Netherlands.
 - Master thesis in Biomedical Sciences of Ms. Elles van Meijel (Dutch student), Maastricht University, Netherlands.

Computer skills

- Radiation oncology software's (**Ray station, Ray Care, Eclipse, Pinnacle, Mosaicq**)
- Excellent command of Microsoft Office™ tools (excel, word and PPT).
- Graph-pad prism software.
- SPSS software.
- Image J software.
- Matlab software.
- Leica Application Suit software of confocal microscopy.

Publications: Manuscripts

- **Elamin E**, Jonkers D, Juuti-Uusitalo K, et al. Effects of ethanol and acetaldehyde on tight junction integrity: in vitro study in a three dimensional intestinal epithelial cell culture model. *PLoS One* 2012;7:e35008.
- **Elamin E**, Masclee A, Juuti-Uusitalo K, et al. Fatty acid ethyl esters induce intestinal epithelial barrier dysfunction via a reactive oxygen species-dependent mechanism in a three-dimensional cell culture model. *PLoS One* 2013;8:e58561.
- **Elamin E**, Masclee AA, Dekker J, et al. Ethanol metabolism and its effects on the intestinal epithelial barrier. *Nutr Rev* 2013.
- **Elamin E**, Masclee AA, Dekker J, et al. Short-chain fatty acids activate AMP-activated protein kinase and ameliorate ethanol-induced intestinal barrier dysfunction in Caco-2 cell monolayers. *J Nutr* 2013.

- Pijls KE, Jonkers DM, **Elamin E**, et al. Intestinal epithelial barrier function in liver cirrhosis: an extensive review of the literature. *Liver Int* **2013**.
- Pijls KE, Koek GH, **Elamin E**, et al. Large intestine permeability is increased in patients with compensated liver cirrhosis. *Am J Physiol Gastrointest Liver Physiol* **2014**.
- **Elamin E**, Masclee A, Troost F, et al. Activation of the epithelial-to-mesenchymal transition factor snail mediates acetaldehyde-induced intestinal epithelial barrier disruption. *Alcohol Clin Exp Res* **2014**.
- **Elamin E**, Masclee A, Troost F, et al. Cytotoxicity and metabolic stress induced by acetaldehyde in human intestinal LS174T goblet-like cells. *Am J Physiol Gastrointest Liver Physiol* **2014**.
- **Elamin E**, Masclee A, Dekker J, et al. Ethanol disrupts intestinal epithelial tight junction integrity through intracellular calcium-mediated Rho/ROCK activation. *Am J Physiol Gastrointest Liver Physiol* **2014**.
- **Elamin E**, Masclee A, Troost F, et al. Ethanol impairs intestinal barrier function in humans through mitogen activated protein kinase signaling: a combined in vivo and in vitro approach. *PLoS One* **2014**.
- S. Ludidi, D.M. Jonkers, **E.E. Elamin**, H.J. Pieters, E. Schaepkens, P. Bours, J. Kruiemel, J.M. Conchillo, A.A. Masclee. The intestinal barrier in irritable bowel syndrome: subtype-specific effects of the systemic compartment in an in vitro model. *Plos One* **2015**.
- **Elamin E**, Masclee A, Jonkers D. TNF- α disrupts intestinal epithelium barrier integrity in a three dimensional cell culture model via JAK-STAT-dependent mechanism. *In preparation*.
- Pan Xu, **Elhaseen Elamin**, Montserrat Elizalde, Paul P. H. A. Bours, Marieke J. Pierik, Ad A. M. Masclee & Daisy M. A. E. Jonkers. Modulation of Intestinal Epithelial Permeability by Plasma from Patients with Crohn's Disease in a Three-dimensional Cell Culture Model. *Scientific Reports*, **02/2019**.
- Janna E. van Timmeren, Wouter van Elmpt, Ralph T.H. Leijenaar, Bart Reymen, René Monshouwer, Johan Bussink, Leen Paelinck, Evelien Bogaert, Carlos de Wagter, **Elamin Elhaseen**, Yolande Lievens, Olfred Hansen, Carsten Brink, Philippe Lambin. Longitudinal radiomics of cone-beam CT images: evaluation of the prognostic value for non-small cell lung cancer patients. *Radiotherapy & Oncology*, **04/2019**.
- V. Fonteyne, P. Dirix, C. Van Praet, C. Berghen, M. Albersen, S. Junius, N. Liefhooghe, L Noé , G. De Meerleer, P. Ost, G. Villeirs, S. Verbeke, D. De Maeseneer, F. Verghote, **E. Elamin**, K. De Man, K. Decaestecker. Adjuvant radiotherapy after radical cystectomy for patients with muscle invasive bladder cancer: results of a phase II trial, in submission.

Publications:**Abstracts**

- **Elhaseen Elamin**, Daisy Jonkers, Sven C. van IJzendoorn, Freddy Troost, Jos L. Broers, Jan Dekker, Ad Masclee: *Effects of Ethanol and Acetaldehyde on Intestinal Epithelial Barrier Function in a Three Dimensional (3D) Epithelial Cell Culture Model*. *Gastroenterology* 2010, **140**:S-502.
- **Elhaseen E**, Daisy Jonkers, Sven C. van IJzendoorn, Freddy Troost, Jos L. Broers, Jan Dekker, Ad Masclee: *Modulation of Intestinal Epithelial Barrier Function by Fatty Acid Ethyl Esters in a Three Dimensional (3D) Epithelial Cell Culture Model: Role of Nonoxidative Ethanol Metabolism*. *Gastroenterology* 2011, **140**:S-502.
- **Elhaseen E**, Daisy Jonkers, Freddy Troost, Jan Dekker, Ad Masclee: *Moderate Dosage of Ethanol Increases Small and Large Intestinal Permeability in Healthy Volunteers*. *Gastroenterology* 2012, **142**:S-809.
- **Elhaseen E**, Daisy Jonkers, Harm-Jan Pieters, Freddy Troost, Jan Dekker, Ad Masclee: *Short Chain Fatty Acids Ameliorate Ethanol-Induced Intestinal Barrier Dysfunction in Caco-2 cell Monolayers*. *Gastroenterology* 2012, **142**:S-808-S-809.
- **Elhaseen E**, Ad Masclee, Freddy Troost, Jan Dekker, Daisy Jonkers: *Acetaldehyde induces metabolic stress, cytotoxicity and apoptosis in intestinal goblet cells*. *UEGW* 2012.

- **Elamin E**, Masclee A, Troost F, HJ Pieters, Dekker J, Jonkers D. *Activation of Snail via reactive oxygen species mediates acetaldehyde-induced disruption of tight junctions in Caco-2 cell monolayers. Gastroenterology 2013.*
- Renée Bultijnck, Axel Van Damme, Frederik Vanhoutte, **Elhaseen Elhamin**, Katrien Vandecasteele, Patric Berkovic, Marc Van Eijkeren, Yolande Lievens. Changing clinical practice: the impact of implementing a quality check list in early-stage lung cancer patients receiving stereotactic body radiotherapy, ESTRO-21, 27/08/2021-31/08/2021, Madrid, Spain, submitted.
- F. Verghote, P. Dirix, C. Van Praet, C. Berghen , M. Albersen, S. Junius , N. Liefhooghe, L. Noé , G. De Meerleer, P. Ost, G. Villeirs, S. Verbeke, D. De Maeseneer, **E. Elamin**, K. De Man, K. Decaestecker, V. Fonteyne. Adjuvant radiotherapy after radical cystectomy for patients with muscle invasive bladder cancer: results of a phase II trial. BLADDR 2021-congres, 12/10/2021-15/10/2021, Ghent, Belgium, submitted.
- **Elhaseen Elamin**, Ad Masclee, Daisy Jonkers. Acetaldehyde and Intestinal Barrier Dysfunction. Molecular Aspects of Alcohol and Nutrition, First Edition, by Vinood B. Patel, Molecular Aspects of Alcohol and Nutrition, 1st Edition from Vinood Patel. ISBN-9780128007730: 2015.

Publications: Book chapters

Publications: Posters

- N. Bravenboer, **E. E. E. Ahmad**, H. W. van Essen, P. Lips. *Extra renal hydroxylation of vitamin D in human bone cells. The 35th European Symposium on Calcified Tissues, Barcelona, Spain, May 2008.*
- **Elhaseen E.** *The soluble guanylate cyclase pathway in a mouse model of chronic obstructive pulmonary disease. GGL conference 2008, Germany.*
- **E. Elamin**, D. Jonkers, F. Troost, K. Juuti-Uusitalo, S. van IJzendoorn, H. Duimel, J. Broers, F. Verheyen, J. Dekker & A. Masclee. *Effects of ethanol and acetaldehyde on epithelial integrity in a three dimensional (3D) epithelial cell culture model. Digestive Disease Week, May 2010, New Orleans, Louisiana, USA.*
- **E. Elamin**, D. Jonkers, F. Troost, K. Juuti-Uusitalo, S. van IJzendoorn, J. Broers, J. Dekker & A. Masclee. *Modulation of Intestinal Epithelial Barrier Function by Fatty Acid Ethyl Esters in a Three Dimensional (3D) Epithelial Cell Culture Model: Role of Nonoxidative Ethanol Metabolism. Digestive Disease Week, May 2010, Chicago, USA.*
- **E. Elamin**, D. Jonkers, F. Troost, K. Juuti-Uusitalo, S. van IJzendoorn, J. Broers, J. Dekker & A. Masclee. *Modulation of Intestinal Epithelial Barrier Function by Fatty Acid Ethyl Esters in a Three Dimensional (3D) Epithelial Cell Culture Model: Role of Nonoxidative Ethanol Metabolism. European Digestive Disease Week, October 2011, Stockholm, Sweden.*
- **E. Elamin**, D. Jonkers, F. Troost, J. Dekker, A. Masclee. *Moderate dosage of ethanol increases small and large intestinal permeability in healthy volunteers. Digestive Disease Week, May 2012, San Diego, USA.*
- **E. Elamin**, D. Jonkers, F. Troost, J. Dekker, A. Masclee. *Short Chain Fatty Acids Ameliorate Ethanol-Induced Intestinal Barrier dysfunction in Caco-2 Cell Monolayers. Digestive Disease Week, May 2012, San Diego, USA.*
- **E. Elamin**, D. Jonkers, J. Dekker, A. Masclee. *Acetaldehyde induces metabolic stress, cytotoxicity and apoptosis in intestinal goblet cells. European Digestive Disease Week, October 2012, Amsterdam, the Netherlands*
- **E. Elamin**, et al. *Activation of Snail via Reactive Oxygen Species Mediates Acetaldehyde-Induced Disruption of Tight Junctions in CACO-2 Cell Monolayer. Digestive Disease Week , May 2013, Orlando, USA.*

- P. Xu, **E. Elamin**, M. Elizalde, P. Bours, M. Pierik, A. Masclee, D. Jonkers. *Modulation of intestinal epithelial permeability by plasma from patients with Crohn's disease in a 3D cell culture model*. **13th Congress of ECCO, Vienna, Austria 2018**.

Oral presentations

- **E. Elamin**, D. Jonkers, F. Troost, K. Juuti-Uusitalo, S. van IJzendoorn, H. Duimel, J. Broers, F. Verheyen, J. Dekker & A. Masclee. *Effects of ethanol and acetaldehyde on epithelial integrity in a three dimensional (3D) epithelial cell culture model*. Dutch Society of Gastroenterology and Hepatology (NVGE) meeting, Veldhoven, October 2010.
- **E. Elamin**, D. Jonkers, F. Troost, K. Juuti-Uusitalo, S. van IJzendoorn, J. Broers, J. Dekker & A. Masclee. *Modulation of Intestinal Epithelial Barrier Function by Fatty Acid Ethyl Esters in a Three Dimensional (3D) Epithelial Cell Culture Model: Role of Nonoxidative Ethanol Metabolism*. Dutch Society of Gastroenterology and Hepatology (NVGE) meeting, Veldhoven, March 2012.
- **E. Elamin**, D. Jonkers, F. Troost, J. Dekker, A. Masclee. *Moderate dosage of ethanol increases small and large intestinal permeability in healthy volunteers*. Dutch Society of Gastroenterology and Hepatology (NVGE) meeting, Veldhoven, October 2012.
- **E. Elamin**, D. Jonkers, F. Troost, J. Dekker, A. Masclee. *Molecular mechanisms of ethanol and its metabolites on intestinal barrier function*. Annual Science day of Internal Medicine Maastricht University Medical Center (2012).
- **E. Elamin**, A. Masclee, F. Troost, J. Dekker, D. Jonkers. *Activation of the Epithelial-to-Mesenchymal Transition Factor Snail Mediates Acetaldehyde-Induced Intestinal Epithelial Barrier Disruption*. Dutch Society of Gastroenterology and Hepatology (NVGE) meeting, Veldhoven, March 2013.
- **E. Elamin**, A. Masclee, F. Troost, J. Dekker, D. Jonkers. *Ethanol impairs intestinal barrier function in humans through mitogen activated protein kinase signaling: a combined in vivo and in vitro approach*. Pélerin symposium, Maastricht University Medical Center (2013).
- Casus presentatie op MOC Thoracale Oncologie, 05/2018
- Casus presentatie op MOC thoracale Oncologie, 06/2018
- Casus presentatie op MOC thoracale Oncologie, 07/2018
- **E. Elamin**, Pan Xu, Montserrat Elizalde, Paul P. H. A. Bours, Marieke J. Pierik, Ad A. M. Masclee & Daisy M. A. E. Jonkers. *Modulation of Intestinal Epithelial Permeability by Plasma from Patients with Crohn's Disease in a Three-dimensional Cell Culture*. Research meeting, Sint Augustinusziekenhuis Antwerpen, 17/04/2019.
- **E. Elamin**. *Cervical Cancer: Neoadjuvant Chemoradiotherapy Followed by Surgery*, 19th ESO-ESMO, masterclass in clinical oncology, Barcelona, Spain, 21-26 March 2020.

Research and academic interests

- Molecular Epithelial Cell and cancer Biology
- Bio-molecular mechanisms and pathophysiology of cancer
- Discovery of new therapeutic targets
- Medical education

Courses/workshops /seminars

- Orientation and observership in Radiation Oncology, Limburg Oncology Center (Limburgsoncologischcentrum), Genk, Belgium; 04-2015) and Maastricht University, Netherlands; 01-2015).
- GROW Master Class "Scientific Integrity" (GROW School for Oncology and Developmental Biology, Maastricht University, Netherlands; 06-2014).
- Basic life support (European Resuscitation Council; Maastricht University Medical Center, Netherlands; 03-2013).

- English for Speaker of Other Languages (ESOL; Cambridge, UK, 03-2013)
- Problem based learning (Maastricht University, Netherlands; 06-2013).
- Scientific writing (Maastricht University, Netherlands; 04-2010).
- Medical basic skills in blood withdrawing and cannulation (Maastricht University, Netherlands; 08-2009).
- Introduction to academic writing (University of Giessen, Germany; 12-2007).
- Evaluation of proteomics data sets (University of Giessen, Germany; 12-2007).
- Microarrays: data documentation and analysis (University of Giessen, Germany; 01-2008).
- Literature search (University of Giessen, Giessen, Germany; 11-2007).
- Protein data base and 3D modeling (University of Giessen, Germany; 12-2007).
- Experimental planning (University of Giessen, Giessen, Germany; 12-2007).
- Aanvullingen in radiotherapie-oncologie, deel 1 (University of Gent, Begium; 01-08-2018)
- Wetenschappelijke verdieping in radiotherapie-oncologie (Univ of Gent, Begium; 15-08-2018)
- Probleemoplossend vermogen en vaardigheden in radiotherapie-oncologie, deel 1 (University of Gent, Begium; 16-08-2018).
- Communicatie voor radiotherapie-oncologie, deel 1 (University of Gent, Begium; 17-08-2018)
- De wekelijkse wetenschapsvergadering (University of Gent, Begium; 11-02-2019)
- De wekelijkse wetenschapsvergadering (University of Gent, Begium; 25-02-2019)
- Van TNM7 naar TNM8 voor H&N en Resultaten van de adaptieve dose painting by numbers study (University of Gent, Begium; 17-10-2019)
- Radiotherapie met protonen in België (University of Gent, Begium; 21-01-2020)
- Basic Physics, Belgian; 21-04-2017
- Re-irradiation on brain and head and neck tumours; 28-10-2017
- Paediatrics Radiation Oncology; 25-11-2017
- Lymphoma: HK + non HK disease (+ TBI); 16-12-2017
- Urological oncology: prostate; 27-01-2018
- Urological oncology: bladder, testis, penis, 24-02-2018
- Advanced Physics Seminar; 02-03-2018
- Radioprotection; 13-03-2018
- Systemic treatment; 24-03-2018
- Gynaecological oncology: cervix; 20-10-2018
- Gynaecological oncology: endometrium, vulva, vagina; 24-11-2018
- Lower GI; 15-12-2018
- Sarcoma; 26-01-2019
- Head & Neck: oropharynx, oral cavity, 28-02-2019
- Skin cancer; 16-03-2019
- Basic Physics Seminar; 10-04-2019
- Neurological oncology: non glial brain tumours; 12-10-2019
- Neurological oncology: glioma tumours, 16-11-2019
- Communicatie niveau expert plus 15-06-2020
- Communicatie deel 2" (niveau expert plus); 02-12-2019
- Urologische problemen die elke ziekenhuisarts moet kennen; 02-12-2019
- Intraveneuze vochttherapie; 17-01-2019
- Thromboprofylaxie; 08-01-2019
- Anticoagulantia en invasieve procedures; 08-01-2019
- Transfusiebeleid; 08-01-2019
- Thromboprofylaxie, 08-01-2019

- Anticoagulantia en invasieve procedures, 08-01-2019
- Transfusiebeleid, 08-01-2019
- Histomorfologische basisbegrippen en rol van de histopathologische testen, 20-12-2018
- Histomorfologische basisbegrippen en rol van histopathologische testen / technieken in klinische diagnostie, 20-12-2018
- Voeding in ziekenhuis, 18-12-2018
- Voeding in ziekenhuis, 18-12-2018
- Verdere inzichten in klinisch wetenschappelijk onderzoek - GCP en Belgische wetgeving, 18-12-2018
- EBM (module 1, niveau expert), 23-11-2018
- Cancer of unknown primary in het hoofd-en-halsgebied: mechanismen, diagnostiek en behandeling.2 uur, 27-11-2018
- EBM deel 1, module 2, 27-11-2018
- Aanvragen en interpreteren van laboratoriumanalyses in het ziekenhuis, 22-11-2018
- Omgaan met stress, 22-11-2018
- Aanvragen en interpreteren van labo analyses i/h ziekenhuis, 22-11-2018
- Omgaan met stress, 22-11-2018
- Omgaan met (prognostische) onzekerheid en therapiebeperking, 06-11-2018
- GCP & Belgische wetgeving, 10-10-2017
- Multidisciplinaire sessie casuïstiek in Uro-oncologie, 13-06-2017
- Oncologische urgenties, 13-12-2016
- Lower GI, 15-12-2018
- Gynaecological oncology: endometrium, vulva, vagina, 24-11-2018
- Gynaecological oncology: cervix, 20-10-2018
- Systemic treatment, 24-03-2018
- Radioprotection, 13-03-2018
- Advanced Physics Seminar, 02-03-2018
- Urological oncology: bladder, testis, penis, 24-02-2018
- Urological oncology: prostate, 27-01-2018
- Lymphoma: HK + non HK disease (+ TBI), 16-12-2017
- Paediatrics Radiation Oncology, 16-12-2017
- Re-irradiation on brain and head and neck tumours, 25-11-2017
- Basic Physics, 28-10-2017
- Neurological oncology: glioma tumours, 16-11-2019
- Neurological oncology: non glial brain tumours, 12-10-2019
- Basic Physics Seminar, 10-04-2019
- Skin cancer, 16-03-2019
- Head & Neck: oropharynx, oral cavity, 28-02-2019
- Sarcoma, 26-01-2019
- Palliation and brain metastases, 01-02-2020
- Understanding clinical trials; 21-03-2020
- Breast cancer part 1, 01-02-2020
- Breast cancer 2, 15-02-2020
- Particle therapy in the treatment of GI cancers, 19/03/2021
- Highlights of EMUC 20, 14/04/2021
- Treatment choice and sequence for kidney cancer updates, 21/04/2021

- Particle therapy in the treatment of gynaecological cancers, 12/05/2021

Conferences

- Giessen Graduate School of Life Sciences GGL conference, 06- 2008, Giessen, Germany.
- Dutch Society of Gastroenterology and Hepatology (NVGE) meeting, 10-2010, Veldhoven, the Netherlands
- Digestive Disease Week, 05-2010, New Orleans, Louisiana, USA.
- Digestive Disease Week, 05-2011, Chicago, USA.
- European Digestive Disease Week, 10-2011, Stockholm, Sweden.
- Dutch Society of Gastroenterology and Hepatology (NVGE) meeting, Veldhoven, 03-2011, Veldhoven, the Netherlands.
- Digestive Disease Week, 05-2012, San Diego, USA.
- Dutch Society of Gastroenterology and Hepatology (NVGE) meeting, Veldhoven, 03-2012, Veldhoven, the Netherlands.
- European Digestive Disease Week, 10-2012, Amsterdam, the Netherlands.
- Dutch Society of Gastroenterology and Hepatology (NVGE) meeting, 03-2013, Veldhoven, the Netherlands.
- Annual retreat, Center of Pathophysiology, Toulouse- France, 11-2014.
- Management of prostaat cancer, Oostkamp , Belgium, 06-2017.
- The best options on treatment of prostate, gastro-intestinal and brain cancers, Brussels, Belgium, 20-10-2017.
- Autumn Meeting ABRO-BVRO, Brussels, Belgium 21-10-2017.
- Thoracic Oncology, Gent, Belgium, 20-01-2018.
- Immunotherapy in NSCLC: what you need to know. Oostkamp, Belgium, 29-03-2018.
- Appropriateness of treatment options in mCRPC patients: Outcomes of a Belgian multidisciplinary consensus meeting. Zwijnaarde, Belgium, 16-04-2018.
- Highlights ASCO 2018, Beernem, Belgium, 20-09-2018.
- Current and future insights into advanced prostate cancer: where do we stand in 2018? ST-Martens Latem, Belgium, 17-10-2018.
- Wenter Symposium Thoracic Oncology, Antwerpen, Belgium, 19-01-2019.
- Management of prostaat cancer, Gent, Belgium 13-06-2017
- The best of prostate en GI en brain, Brussel, Belgim, 20-10-2017
- Autumn Meeting ABRO-BVRO, Agent, Brussels, Belgium 21-10-2017
- Thoracic Oncology, 20-01-2018, Gent, Belgium
- Immunotherapy in NSCLC: what you need to know, 29-03-2018
- Appropriateness of treatment options in mCRPC patients: Outcomes of a Belgian multidisciplinary consensus meeting, 16-04-2018
- Highlights ASCO 2018, 20-09-2018
- Current en future insights into advanced prostate cancer: where do we stand, 17-10-2018
- Winter Symposium Thoracic Oncology, Gent, 19-01-2019
- BMUC preceptorship, Gent, 13-09-2019
- Xofigo, Gent, 28-10-2019
- Post ESGO symposium 2019, gent, 28-11-2019
- 19th ESO-ESMO masterclass in clinical oncology, 21-26 March 2020, Seva (Barcelona), Spain)
- Winter symposium head and neck cancer, Brussel, 05/12/2020.

CURRICULUM VITAE

E. E. Elamin MBBS, MSc, MMed, MD, PhD

Extracurricular activities

- Active member of English Language Society during high secondary education.
- Active member of Music Society during high secondary education.
- Member of singing choir of batch 20, Faculty of Medicine, University of Gezira.
- President of volunteering group offering medical services to rural areas in Gezira State, Sudan.
- Founder of Sudanese Albino Foundation.
- Founder of Rad-Onco Clinic

Memberships

- European Society for Radiotherapy & Oncology - ESTRO
- The Belgian Society of Radiation Oncology- BeSTRO
- European School of Oncology- ESO
- European Society of Medical Oncology- ESMO
- American Physiological Society, USA.
- The physiological Society, UK.
- Biochemical Society, UK.
- Dutch association of Gastroenterology and Hepatology, NL.
- The European Academy of Allergy and Clinical Immunology, Sweden.
- Saudi Society for Genomics and Molecular Oncology, SA.

Reviewership

- Plos One
- Saudi Journal of Gastroenterology
- Alcohol: Clinical and Experimental research

Awards & honours

- Prize of the medical faculty, University of Gezira in Surgery in 2003.
- Prize of the medical faculty, University of Gezira in Paediatrics in 2003.
- Prize of the medical faculty, University of Gezira in Obs and Gynecology in 2003.
- Prize of the medical faculty, University of Gezira for graduation with outstanding CGPA (3.67/4) and for being one of the top two medical graduates in 2004.
- Scholarship by Sudanese Ministry of Higher Education & Scientific Research to follow master's studies in molecular cell biology at Vrije Universiteit Amsterdam in 2006 (20.000 euro).
- Fellowship by Vrije Universiteit Amsterdam for top talent master student in 2007 (7500 euro).
- Scholarship by Groesbeek Assenbroek stichting in 2007 (6000 euro).
- Travel Grant by the United European Gastroenterology in 2012 (1000 euro).
- Pelerin prize laureate, Maastricht University Medical Center in 2013 (1000 euro).
- Kootstra fellowship for talented postdocs, Maastricht University Medical Center in 2014 (80.000 euro).
- Short-Term Scientific Mission (STSM) grant of the European Cooperation in Science and Technology (COST) Action BM1106 GENIEUR, for visiting Dr. Vergnolle's lab in Toulouse, France (Oct-Nov 2014; 2500 euro).
- Career Development Grant by the Dutch Digestive Diseases Foundation (Maag Lever Darm Stichting; MLDS) in 2015 (250,000 euro).