



BWP

Belgian Week
of Pathology

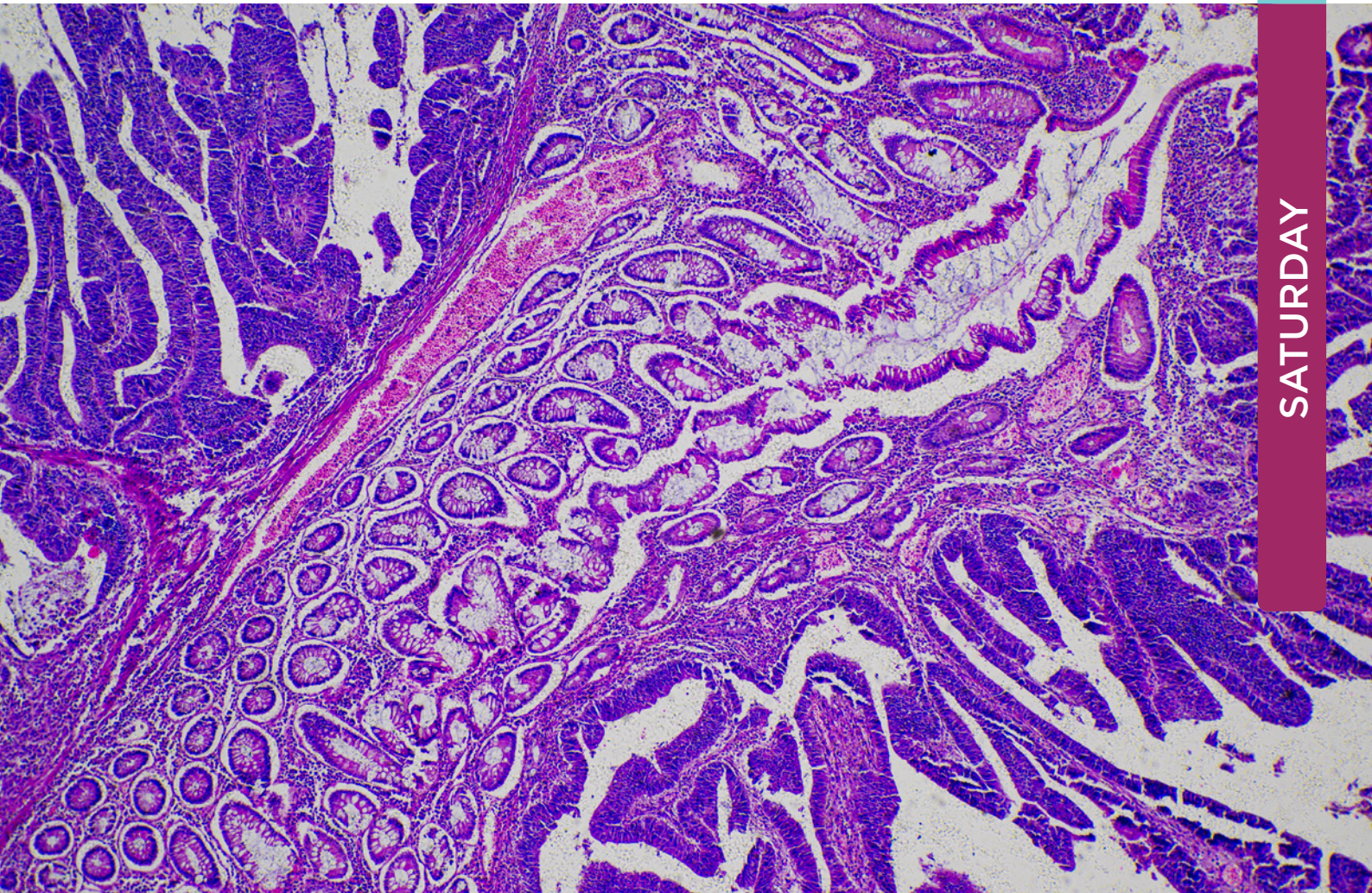
12th BELGIAN WEEK OF PATHOLOGY

21.10 > 22.10.22

@ TANGLA HOTEL

FRIDAY

SATURDAY



www.bwpcongress.be

Dear Colleagues and Friends,

On behalf of the Belgian Society of Pathology, it is our pleasure to welcome you at the **12th edition of the Belgian Week of Pathology (BWP), at the Tangla Hotel in Brussels, on October 21-22, 2022.**

The previous editions of the BWP were a huge success and also this year, the different Working Groups of the Belgian Society have outdone themselves to put together a great program focusing on areas of direct practical relevance to general surgical pathologists. As our professional landscape and the world around us are constantly evolving, the BWP also evolves to remain at the frontline of meetings where we can share knowledge and experience.

The Key Note topic of this year will be on Urologic Pathology. State-of-the-Art lectures will be provided by some of the European leading expert uropathologists: prof. dr. Yves Allory from the Institut Curie in Paris and prof. dr. Arno van Leenders from the Erasmus MC in Rotterdam.

For our Educational Grant Symposium we are honoured to introduce a special guest from the Brigham & Women's Hospital (Harvard Medical School) in Boston: prof. dr. Christopher Fletcher. Drawing on his vast experience he will share his vision on how surgical pathology should evolve?

Our comprehensive and rich program will also cover advances in pathology diagnosis, new classifications, guidelines and quality assessment. Two eminent and worldwide renowned breast pathologists, prof. dr. Ian Ellis and prof. dr. Emad Rakha promised to join us from Nottingham. Prof. dr. Chris Vandebussche from Hopkins (USA) will talk about the Paris System for urine cytology, prof. dr. Bernard Cribier (France) will teach us more on dermatopathology, and prof. dr. Norman Carr (UK) will elaborate on LAMN and PMP in Appendiceal pathology.

For the Ethics and Economy session of this year's BWP2022, our international faculty from France, Portugal, Belgium and the Netherlands will cover Computational Pathology, Digital Pathology, implementation of Artificial Intelligence and Synoptic Reporting.

Like every year, we encouraged residents to present their work by submitting abstracts, and we are looking forward to award the prizes of the Belgian Week of Pathology 2022 for excellent research and for presenting difficult and interesting disease entities.

Don't miss this year's Pathology Congress dinner on Friday night: here you can reunite with your colleagues and with the expert speakers from around the world. Last year we had a vibrant and lively atmosphere till the early hours of the morning. The relationships you forge here will last throughout your career!

Last but not least, our congress will be accompanied by a major exhibition. The BWP 2022 gratefully acknowledges our partners from the industry for their renewed and ongoing support! It is always a pleasure to continue our constructive collaboration.

We look forward to seeing you here in Brussels at the 12th Belgian Week of Pathology !

Koen VAN DE VIJVER

President of the Belgian Week of Pathology

Vasiliki SIOZOPOULOU

Vice-president of the Belgian Week of Pathology

Pieter DEMETTER

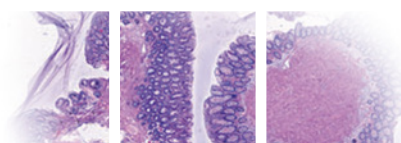
President of the Belgian Society of Pathology



■ WELCOME	3
■ GENERAL INFORMATION	5
■ INDEX	7
■ BELGIAN SOCIETY OF PATHOLOGY	8
■ FOREIGN FACULTY	9
■ BELGIAN FACULTY	9
■ PROGRAM OVERVIEW	10-11
■ PROGRAM DETAILS (FRIDAY)	13
■ PROGRAM DETAILS (SATURDAY)	17
■ EXHIBITION FLOOR	21
■ FREE PAPERS	23
■ POSTERS	31

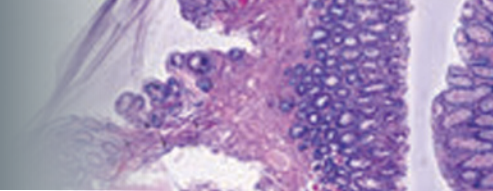
FRIDAY

SATURDAY



P 01	Antoine El Asmar (ULB-B)	Histological growth patterns of colorectal peritoneal metastases and their prognostic impact.	P 33
P 02	Kim Van der Eecken (UZG)	Multi-focal genomic dissection of synchronous primary and metastatic tissue from de novo prostatic cancer.	P 34
P 03	Muna Al Jabri (Oman)	A Tissue MicroArray (TMA) model for the study of molar pregnancies.	P 35
P 04	Mohammad Arafa (Egypt-Oman)	Relation of PDL1 expression with microsatellite instability and p53 status in endometrial carcinoma.	P 36
P 05	Kathleen De Smedt (UZB)	What should we call an adventurous meningioma? An ectopic meningioma: a case report with a literature review.	P 37
P 06	Fleur Cordier (UZG)	'High-grade endometrial stromal sarcoma-like' sarcoma in male: does it exist? A case report and review of the literature.	P 38
P 07	Barbara Verbraeken (UZA)	A case to remember: malakoplakia mimicking locally advanced renal carcinoma.	P 39
P 08	Laetitia Lebrun (ULB-E)	ACVR1 mutations in non-midline gliomas: Case report and Review of literature.	P 40
P 09	Cyril Van Essche (UCL)	A series of stromal melanocytosis or so-called 'blue naevus' of the uterine cervix.	P 41
P 10	Alex Fortun (UCL)	Nipple adenoma, radial scar and vascular malformations in a patient with Klippel-Trénaunay syndrome.	P 42
P 11	Tahar Yacoubi (Tunisia)	Pigmented epithelioid melanocytoma: a rare skin lesion: Report of a new case with terminology and prognostic discussion.	P 43
P 12	Tahar Yacoubi (Tunisia)	Rare cerebellar abscess: report of case caused by fungal Fonsecaea species. (Dermatiaceous mould)	P 44
P 13	Tahar Yacoubi (Tunisia)	Monomorphic Epitheliotropic Intestinal T-cell Lymphoma: report of a case arising in the Stomach.	P 45
P 14	Amina Naamoun (Tunisia)	Isolated oligomeganephronic hypoplasia of kidney: A rare cause of fetal anamnios: A case report.	P 46
P 15	Michel Reginster (ULG)	An inguinal node metastasis of unknown primary site: the central role of the pathologist.	P 47
P 16	Mykhailo Myroshnychenko (Ukraine)	Angiotensin-converting enzyme 2 in mucous membrane of small and large intestines in patients in post-COVID-19 period.	P 48





P 16

ANGIOTENSIN-CONVERTING ENZYME 2 IN MUCOUS MEMBRANE OF SMALL AND LARGE INTESTINES IN PATIENTS IN POST-COVID-19 PERIOD

M.S. Myroshnychenko¹, N.V. Kapustnyk², O.V. Arseniev³, D.V. Molodan¹

¹ Kharkiv National Medical University, Kharkiv, Ukraine

² Public Nonprofit Organization of Kharkiv District Council «Regional Clinical Perinatal Centre», Kharkiv, Ukraine

³ Kharkiv International Medical University, Kharkiv, Ukraine

Background

Angiotensin-converting enzyme 2 (ACE2) plays critical roles in gastrointestinal tract's functioning and COVID-19 development. ACE2 in mucosa of small intestine (SI), large intestine (LI) in patients in post-COVID-19 period is not well-studied yet.

The objective

Is to identify the ACE2 activity and content in mucosa of SI, LI in patients in post-COVID-19.

Materials and methods

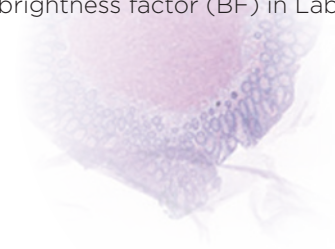
The authors used autopsy and biopsy materials. 4 groups (G) were formed. G 1 included the fragments of intact mucosa of SI, LI from 10 deceased without COVID-19 during lifetime. G2, G3, G4 included biopsy material (the fragments of mucosa of SI, LI), respectively, from 11, 13, 12 patients who had mild, moderate, severe COVID-19 in anamnesis. The post-COVID-19 period duration was 50.2 ± 3.42 days. An immunohistochemical study was performed with a monoclonal antibody (MCA) against anti-ACE2. MCA expression analysis was carried out using the brightness factor (BF) in Lab color model.

Results

In G 1-4 the ACE2 expression was detected on the apical surface of mucous membrane epitheliocytes of SI, LI. In G 1 the BF in SI, LI was 0.411 ± 0.008 and 0.500 ± 0.013 , respectively. In G 2 compared with G 1, the authors revealed an increase of the ACE2 activity and content, as evidenced by a decrease ($p < 0.05$) of the BF (SI - 0.383 ± 0.006 , LI - 0.440 ± 0.007). The BF increased ($p < 0.05$) in G 3 (SI - 0.517 ± 0.011 , LI - 0.583 ± 0.011), G 4 (SI - 0.663 ± 0.010 , LI - 0.721 ± 0.010) compared with G 1, indicating a decrease in the ACE2 activity and content in the intestines mucosa.

Conclusions

The authors have found a violation of the ACE2 content and activity in epitheliocytes of mucosa of small and large intestines in patients in post-COVID-19 period. There was an increase in the ACE2 content and activity in patients who had mild COVID-19 in anamnesis, a decrease - in patients with moderate, severe COVID-19 in anamnesis.



THE SUPPORT OF OUR PARTNERS MAKES BWP 2022 POSSIBLE.
THANK YOU!

SILVER



Agilent Technologies



Bristol-Myers Squibb



BRONZE

AGENDIA - BD - BIOCARTIS - CANCER REGISTRY - CARL ZEISS - CLINISYS/MIPS
DEDALUS - EXACT SCIENCES - EPREDIA - HAMAMATSU - IBEX - IKONISYS
JANSSEN CILAG - LEICA - MENARINI DIAGNOSTICS - PATHOMATION - PHILIPS
PROSCIA - SECTRA - SYSMEX - TELEMIS

