


## A Great Leap for Intestinal Research: 20 YEARS AND BEYOND

### Curriculum Vitae

| Personal Information   |  |
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| Title (i.e. Pf., Dr., etc.)  | Prof   |
| Name (First name Middle name Last name)  | Uri Kopylov                                  |
| Degree (i.e. MD, Msc, PhD, etc.)   | MD   |
| Country  | Israel                                       |
| Affiliation  | Sheba Medical Center and Tel Aviv University |
|    |  |
| Educational Background   |  |
| Tel Aviv University (MD)<br>Sheba Medical Center (internal medicine and gastroenterology)<br>McGill University Montreal QC Canada- Advanced IBD training |  |
| Professional Experience  |  |
| Head of IBD service , Department of Gastroenterology, Sheba Medical Center, Israel<br>Professor of Medicine, Tel Aviv University                         |  |
| Professional Organizations   |  |
| -ECCO-EDUCOM<br>-Secretary of the Israeli IBD study group  |  |

# IMKASID 2022

COMMEMORATING  
THE 20<sup>th</sup> ANNIVERSARY OF KASID

THE 5<sup>th</sup> INTERNATIONAL MEETING ON INTESTINAL DISEASES IN CONJUNCTION WITH  
THE ANNUAL CONGRESS OF THE KOREAN ASSOCIATION FOR THE STUDY OF INTESTINAL DISEASES

MAY 12 THU - 14 SAT, 2022 / BEXCO, Busan **IN PERSON & VIRTUAL EVENT ▶▶**

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### Main Scientific Publications

1: Klang E, Grinman A, Soffer S, Margalit Yehuda R, Barzilay O, Amitai MM, Konen E, Ben-Horin S, Eliakim R, Barash Y, Kopylov U. Automated Detection of Crohn's Disease Intestinal Strictures on Capsule Endoscopy Images Using Deep Neural Networks. *J Crohns Colitis*. 2021 May 4;15(5):749-756. doi: 10.1093/ecco-jcc/jjaa234. PMID: 33216853.

2: Eliakim R, Yablecovitch D, Lahat A, Ungar B, Shachar E, Carter D, Selinger L, Neuman S, Ben-Horin S, Kopylov U. A novel PillCam Crohn's capsule score (Eliakim score) for quantification of mucosal inflammation in Crohn's disease. *United European Gastroenterol J*. 2020 Jun;8(5):544-551. doi: 10.1177/2050640620913368. Epub 2020 Mar 12. PMID: 32213037; PMCID: PMC7268948.

3: Klang E, Barash Y, Margalit RY, Soffer S, Shimon O, Albshesh A, Ben-Horin S, Amitai MM, Eliakim R, Kopylov U. Deep learning algorithms for automated detection of Crohn's disease ulcers by video capsule endoscopy. *Gastrointest Endosc*. 2020 Mar;91(3):606-613.e2. doi: 10.1016/j.gie.2019.11.012. Epub 2019 Nov 16. PMID: 31743689.

4: Ben-Horin S, Lahat A, Amitai MM, Klang E, Yablecovitch D, Neuman S, Levhar N, Selinger L, Rozendorn N, Turner D, Chowers Y, Odes S, Schwartz D, Yanai H, Dotan I, Braun T, Haberman Y, Kopylov U, Eliakim R; Israeli IBD Research Nucleus (IIRN). Assessment of small bowel mucosal healing by video capsule endoscopy for the prediction of short-term and long-term risk of Crohn's disease flare: a prospective cohort study. *Lancet Gastroenterol Hepatol*. 2019 Jul;4(7):519-528. doi: 10.1016/S2468-1253(19)30088-3. Epub 2019 May 9. PMID: 31080097.

5: Kopylov U, Verstockt B, Biedermann L, Sebastian S, Pugliese D, Sonnenberg E, Steinhagen P, Arebi N, Ron Y, Kucharzik T, Roblin X, Ungar B, Shitrit AB, Ardizzone S, Molander P, Coletta M, Peyrin-Biroulet L, Bossuyt P, Avni-Biron I, Tsoukali E, Allocca M, Katsanos K, Raine T, Sipponen T, Fiorino G, Ben-Horin S, Eliakim R, Armuzzi A, Siegmund B, Baumgart DC, Kamperidis N, Maharshak N, Maaser C, Mantzaris G, Yanai H, Christodoulou DK, Dotan I, Ferrante M. Effectiveness and Safety of Vedolizumab in Anti-TNF-Naïve Patients With Inflammatory Bowel Disease-A Multicenter Retrospective European Study. *Inflamm Bowel Dis*. 2018 Oct 12;24(11):2442-2451. doi: 10.1093/ibd/izy155. PMID: 29788318.

6: Engel T, Ungar B, Yung DE, Ben-Horin S, Eliakim R, Kopylov U. Vedolizumab in IBD-Lessons From Real-world Experience; A Systematic Review and Pooled Analysis. *J Crohns Colitis*. 2018 Jan 24;12(2):245-257. doi: 10.1093/ecco-jcc/jjx143. PMID: 29077833.

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7: Fay S, Ungar B, Paul S, Levartovsky A, Yavzori M, Fudim E, Picard O, Eliakim R, Ben-Horin S, Roblin X, Kopylov U. The Association Between Drug Levels and Endoscopic Recurrence in Postoperative Patients with Crohn's Disease Treated with Tumor Necrosis Factor Inhibitors. *Inflamm Bowel Dis*. 2017 Nov;23(11):1924-1929. doi: 10.1097/MIB.0000000000001220. PMID: 28837524.

8: Kopylov U, Papamichael K, Katsanos K, Waterman M, Bar-Gil Shitrit A, Boysen T, Portela F, Peixoto A, Szilagyi A, Silva M, Maconi G, Har-Noy O, Bossuyt P, Mantzaris G, Barreiro de Acosta M, Chaparro M, Christodoulou DK, Eliakim R, Rahier JF, Magro F, Drobne D, Ferrante M, Sonnenberg E, Siegmund B, Muls V, Thurm T, Yanai H, Dotan I, Raine T, Levin A, Israeli E, Ghalim F, Carbonnel F, Vermeire S, Ben-Horin S, Roblin X. Impact of Infliximab and Cyclosporine on the Risk of Colectomy in Hospitalized Patients with Ulcerative Colitis Complicated by Cytomegalovirus-A Multicenter Retrospective Study. *Inflamm Bowel Dis*. 2017 Sep;23(9):1605-1613. doi: 10.1097/MIB.0000000000001160. PMID: 28590343.

9: Davidov Y, Ungar B, Bar-Yoseph H, Carter D, Haj-Natour O, Yavzori M, Chowers Y, Eliakim R, Ben-Horin S, Kopylov U. Association of Induction Infliximab Levels With Clinical Response in Perianal Crohn's Disease. *J Crohns Colitis*. 2017 May 1;11(5):549-555. doi: 10.1093/ecco-jcc/jjw182. PMID: 28453755.

10: Battat R, Kopylov U, Bessissow T, Bitton A, Cohen A, Jain A, Martel M, Seidman E, Afif W. Association Between Ustekinumab Trough Concentrations and Clinical, Biomarker, and Endoscopic Outcomes in Patients With Crohn's Disease. *Clin Gastroenterol Hepatol*. 2017 Sep;15(9):1427-1434.e2. doi: 10.1016/j.cgh.2017.03.032. Epub 2017 Mar 29. PMID: 28365485.

11: Kopylov U, Starr M, Watts C, Dionne S, Girardin M, Seidman EG. Detection of Crohn Disease in Patients with Spondyloarthritis: The SpACE Capsule Study. *J Rheumatol*. 2018 Apr;45(4):498-505. doi: 10.3899/jrheum.161216. Epub 2018 Feb 15. PMID: 29449505.

12: Yung DE, Horesh N, Lightner AL, Ben-Horin S, Eliakim R, Koulaouzidis A, Kopylov U. Systematic Review and Meta-analysis: Vedolizumab and Postoperative Complications in Inflammatory Bowel Disease. *Inflamm Bowel Dis*. 2018 Oct 12;24(11):2327-2338. doi: 10.1093/ibd/izy156. PMID: 29788385.

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13: Soffer S, Klang E, Shimon O, Nachmias N, Eliakim R, Ben-Horin S, Kopylov U, Barash Y. Deep learning for wireless capsule endoscopy: a systematic review and meta-analysis. *Gastrointest Endosc.* 2020 Oct;92(4):831-839.e8. doi: 10.1016/j.gie.2020.04.039. Epub 2020 Apr 22. PMID: 32334015.

14: Kopylov U, Hanzel J, Liefferinckx C, De Marco D, Imperatore N, Plevris N, Baston-Rey I, Harris RJ, Truyens M, Domislovic V, Vavricka S, Biemans V, Myers S, Sebastian S, Ben-Horin S, González Lama Y, Gilletta C, Ariella BS, Zelinkova Z, Weissshof R, Storan D, Zittan E, Farkas K, Molnar T, Franchimont D, Cremer A, Afif W, Castiglione F, Lees C, Barreiro-de Acosta M, Lobaton T, Doherty G, Krznanic Z, Pierik M, Hoentjen F, Drobne D. Effectiveness of ustekinumab dose escalation in Crohn's disease patients with insufficient response to standard-dose subcutaneous maintenance therapy. *Aliment Pharmacol Ther.* 2020 Jul;52(1):135-142. doi: 10.1111/apt.15784. Epub 2020 May 15. PMID: 32412134.

15: Barash Y, Azaria L, Soffer S, Margalit Yehuda R, Shlomi O, Ben-Horin S, Eliakim R, Klang E, Kopylov U. Ulcer severity grading in video capsule images of patients with Crohn's disease: an ordinal neural network solution. *Gastrointest Endosc.* 2021 Jan;93(1):187-192. doi: 10.1016/j.gie.2020.05.066. Epub 2020 Jun 12. PMID: 32535191.

16: Kopylov U, Yablecovitch D, Lahat A, Neuman S, Levhar N, Greener T, Klang E, Rozendorn N, Amitai MM, Ben-Horin S, Eliakim R. Detection of Small Bowel Mucosal Healing and Deep Remission in Patients With Known Small Bowel Crohn's Disease Using Biomarkers, Capsule Endoscopy, and Imaging. *Am J Gastroenterol.* 2015 Sep;110(9):1316-23. doi: 10.1038/ajg.2015.221. Epub 2015 Jul 28. PMID: 26215531.