



Editorial: Experimental Hernia Research From Bench to Bedside and Translational Perspectives

Alexander H. Petter-Puchner^{1*}, René H. Fortelny² and Barbora East³

¹ Abdominal Wall Research, Institute for Experimental and Clinical Traumatology (LBG), Vienna, Austria, ² Faculty of Medicine, Visceral Surgery, Sigmund Freud University Vienna, Vienna, Austria, ³ Second Faculty of Medicine, Charles University, Prague, Czechia

Keywords: translation, hernia research, bioengineering, technology, perspective

Editorial on the Research Topic

Experimental Hernia Research From Bench to Bedside and Translational Perspective

Hernia repair has been the pioneering field for innovative surgical techniques and devices. The past two decades have been a period of steady progress in order to reduce the incidence of chronic pain, raise the standards of elective surgery and develop feasible approaches for complex cases. The enormous number of procedures allows high quality clinical research and substantial support for experimental trials. This has led to constant influx of knowledge obtained in hernia research to other surgical domains, e.g., plastic and trauma surgery.

We are pleased to present this Research Topic, containing valuable contributions. These works reflect the continuous interest and striving activity of the research community and clinicians.

AUTHOR CONTRIBUTIONS

All authors listed have made a substantial, direct and intellectual contribution to the work, and approved it for publication.

ACKNOWLEDGMENTS

The authors would like to thank Sara Morris of Frontiers for providing patient support during the preparation of this Research Topic.

Conflict of Interest: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

Copyright © 2021 Petter-Puchner, Fortelny and East. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

OPEN ACCESS

Edited and reviewed by:

Gabriel Sandblom,
Karolinska Institutet (KI), Sweden

*Correspondence:

Alexander H. Petter-Puchner
alexander.petter@trauma.lbg.ac.at

Specialty section:

This article was submitted to
Visceral Surgery,
a section of the journal
Frontiers in Surgery

Received: 15 April 2021

Accepted: 04 May 2021

Published: 17 June 2021

Citation:

Petter-Puchner AH, Fortelny RH and East B (2021) Editorial: Experimental Hernia Research From Bench to Bedside and Translational Perspectives. *Front. Surg.* 8:695834. doi: 10.3389/fsurg.2021.695834