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Aims and Scope
The prime mission of European Surgical Research is to publish high-quality original manuscripts of basic and translational research and review articles concerned with laboratory and clinical investigations which are relevant to surgical practice and of general interest to a broad range of academic surgeons and surgical researchers. Manuscripts dealing with research relevance to human surgical diseases are given high priority along with those which explore the pathogenesis, etiology, and mechanisms of disease processes. European Surgical Research seeks to preferentially publish research articles that integrate molecular biological methods, along with functional studies, into the analysis of biological questions and that advance basic and translational knowledge of surgical pathophysiology. European Surgical Research will provide an international platform for basic and translational research and clinical investigations impacting directly on surgical care and management. European Surgical Research also encourages the publication at any stage in the analysis of biological questions and that advance basic and translational knowledge of surgical pathophysiology.

Submission
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Manuscripts may be submitted to the following sections:

(1) Original Papers on basic, translational and clinical science
(2) Technical Notes
(3) Reviews

Original Papers: These manuscripts should represent original research in basic, translational, or clinical science. Consideration for publication is based on originality, novelty, scientific soundness, and appropriate analysis. European Surgical Research encourages the submission of reviews, which should be conducted work in basic, experimental, and clinical science. Manuscripts should be prepared according to the guidelines for original papers.

Technical Notes: These manuscripts present a new method, experimental model, test procedure, tool, or algorithm that is relevant for surgical research and significantly advances current available knowledge.

Reviews in which a specific field is reviewed through an exhaustive literature survey. An Abstract is required and should be divided into Background, Summary and Key Messages. Review Articles should consist of a maximum of 4,000 words. European Surgical Research also encourages the publication of articles not to publish exhaustive literature surveys. The abstract on a separate page. The abstract is structured as follows: Background, Summary and Key Messages. The Background should provide a brief clinical context for the review and is followed by the Summary, which should include a concise description of the main topics covered in the text. The Key Messages encapsulate the main conclusions of the review.

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KARGER 125
Radiofrequency (RF) has been used in many areas of medicine for some time, but only gained popularity in aesthetics in the early 2000s. Although initial procedures provided variable results, the field of RF has grown dramatically. Currently, a multitude of devices which offer an array of technologies, each geared to specific applications, are on the market. In this book, a comprehensive discussion of the evolving area of RF is provided, and the current and cutting-edge technologies which span from noninvasive treatments of facial wrinkles to invasive body contouring procedures are discussed in detail. The methodologies covered include thermal and ablative modalities, volumetric and fractional approaches, as well as practical aspects of application in clinical practice. Included are also pearls on patient management and prevention and treatment of complications. Finally, RF-based procedures are compared with equivalent laser and surgical approaches in a risk-benefit evaluation.

Reviewing the standard of care for RF-based treatments and providing information relevant for clinical decision-making and practice management, this publication is a valuable tool for dermatologists, plastic surgeons and all practitioners who use or are contemplating the introduction of RF into practice.
Editorial

It is our great pleasure to inform you, the distinguished readership of *European Surgical Research*, that the honorable German Society of Surgery decided to enter an affiliation with our journal. With this welcome step, Karger Publishers publishes the research abstracts that have been submitted and accepted for presentation at the annual congress of the German Society of Surgery held in Munich from April 28 to May 1, 2015. Within this issue, we announce the online access to the abstracts and we encourage you to visit the link for insight into the broad and exciting spectrum of surgical research in Germany. With this affiliation, the Surgical Research Section of the German Society of Surgery will enhance its international visibility and international collaboration.

*European Surgical Research* provides an international platform for basic and translational research and clinical investigations, impacting directly on surgical care and management. The continuing aim of *European Surgical Research* is to publish high-quality papers and to further a vivid exchange of information between the fields of surgical research and applied clinical surgery.

*Peter Vogt*, President of the German Society of Surgery 2015

*Ernst Klar*, Chairman of the Surgical Research Section of the German Society of Surgery 2015

*Peter Roth*, Director, Editorial Division, Karger Publishers, Switzerland

*Brigitte Vollmar*, Editor-in-Chief of *European Surgical Research*
The dramatically growing incidence of overweight and obesity in the industrialized nations has in turn led to a considerable increase in the number of bariatric surgical procedures. Conservative treatment options such as dieting, lifestyle interventions, or pharmacological treatment have so far only led to disappointing results. Thus, bariatric surgery currently remains the most efficient and effective therapy to treat obesity and its associated comorbidity. This publication reviews different aspects of bariatric surgery: It addresses various surgical techniques and their respective results, as well as the underlying physiological mechanisms. Moreover, the diagnostic work-up prior to bariatric interventions and surgical strategies to treat complications or weight regain are dealt with in detail.

Providing a comprehensive overview and update on the most relevant aspects of bariatric surgery, this publication will help both bariatric and non-bariatric surgeons to increase their knowledge in the field.
Indocyanine green (ICG) fluorescence has been used for imaging purposes for more than half a century; first employed by ophthalmologists for visualizing the retinal artery in the late 1960s, the application of ICG fluorescence imaging has since been continuously expanded. Recently, advances in imaging technologies have led to renewed attention regarding the use of ICG in the field of hepatobiliary surgery, as a new tool for visualizing the biliary tree and liver tumors.

This book introduces cutting-edge knowledge about fluorescence imaging techniques using both ICG and other new promising chemicals. After an introductory chapter on the history and basic technique of fluorescence imaging for hepatobiliary-pancreatic surgery, various clinical applications of ICG fluorescence imaging are discussed. These range from the identification of various malignancies to the use of imaging in surgery. The last part of this publication is dedicated to an outlook on near-future technology.
European Surgical Research features original clinical and experimental papers, condensed reviews of new knowledge relevant to surgical research, and short technical notes serving the information needs of investigators in various fields of operative medicine. Coverage includes surgery, surgical pathophysiology, drug usage, and new surgical techniques. Special consideration is given to information on the use of animal models, physiological and biological methods as well as biophysical measuring and recording systems. The journal is of particular value for workers interested in pathophysiologic concepts, new techniques and in how these can be introduced into clinical work or applied when critical decisions are made concerning the use of new procedures or drugs.

European Surgical Research
Clinical and Experimental Surgery

Editor-in-Chief
B. Vollmar, Rostock

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