

## FACULTY

### **Hojjat Ahmadzadehfar**

Clinic of Nuclear medicine, University Clinic Bonn, Germany

### **Philipp Bruners**

Radiology, University Clinic Aachen, Germany

### **Dobromir Dimitrov**

University Clinic, Medical University Pleven, Bulgaria

### **Georg Feldmann**

Clinic of Internal Medicine, University Clinic Bonn, Germany

### **Hyuliya Feradova**

St. Marina Hospital, Medical University Pleven, Bulgaria

### **Florian Gärtner**

Clinic of Nuclear medicine, University Clinic Bonn, Germany

### **Tim Glowka**

Clinic of Surgery, University Clinic Bonn, Germany

### **Roussanka Kovatcheva**

Clinical Center of Endocrinology, Medical University Sofia, Bulgaria

### **Kim-Tae Hee**

Seoul Hicare Clinic, Seoul, Republic of Korea

### **Xiaoping Luo**

2nd Affiliated Hospital, Chongqing Medical University, China

### **Milka Marinova**

Radiology, University Clinic Bonn, Germany

### **Carsten Meyer**

Radiology, University Clinic Bonn, Germany

### **Franco Orsi**

European Institute of Oncology Milan, Italy

### **Jordi Isern Quiliet**

Hospital Universitari Mutua Terrassa (HUMT) Barcelona, Spain

### **Nadja Stanislavova**

St. Marina Hospital, Medical University Pleven, Bulgaria

### **Holger M. Strunk**

Radiology, University Clinic Bonn, Germany

### **Andreas Türler**

Clinic of Surgery, Johanniter Krankenhaus Bonn, Germany

### **Joan Vidal-Jové**

Hospital Universitari Mutua Terrassa (HUMT) Barcelona, Spain

### **Peng Xiang**

Chongqing Hifu Medical Technology, Chongqing, China

### **Tong Yang**

Affiliated hospital of Ningbo University, Zhejiang Province, China

### **Mei Zechuan**

2nd Affiliated Hospital, Chongqing Medical University, China

### **Lian Zhang**

Chongqing Medical University, China

### **Kun Zhou**

2nd Affiliated Hospital, Chongqing Medical University, China

### **Hui Zhu**

2nd Affiliated Hospital, Chongqing Medical University, China

## ORGANIZER

**Priv.-Doz. Dr. med. Dr. rer. nat. M. Marinova**

**Prof. Dr. med. H. Strunk**

Department of Radiology

University Hospital of Bonn

Sigmund-Freud-Str. 25, 53127 Bonn, Germany

E-Mail: kontakt-hifu@ukbonn.de

## MEETING VENUE

**Universitätsklinikum Bonn**

Biomedizinisches Zentrum – Hörsaal 2 BMZ (Gebäude 13)

Sigmund-Freud-Straße 25

53127 Bonn

## ORGANIZATION / REGISTRATION

**Universitätsklinikum Bonn**

Biomedizinisches Zentrum – Hörsaal 2 BMZ (Gebäude 13)

Sigmund-Freud-Straße 25

53127 Bonn

Gefördert durch

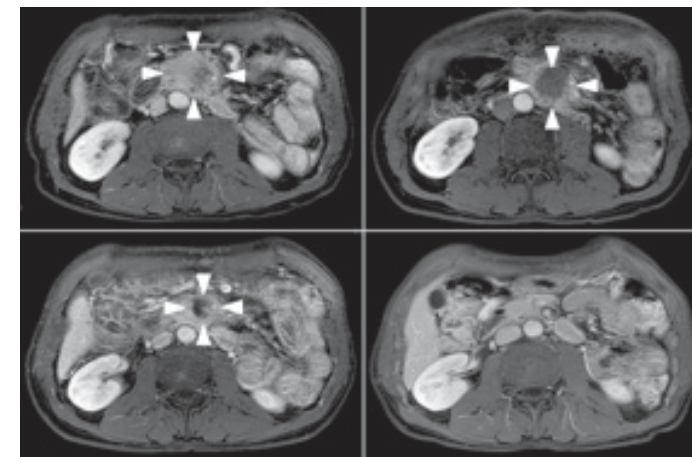
**DFG** Deutsche  
Forschungsgemeinschaft

**HIFU** Bonn

**HIFU-Bonn e.V.**

[www.hifu-bonn.de](http://www.hifu-bonn.de)

[kontakt-hifu@ukbonn.de](mailto:kontakt-hifu@ukbonn.de)



**2nd INTERNATIONAL HIFU MEETING**

# HIFU: FUNDAMENTALS AND CLINICAL PRACTICE

**March 15<sup>th</sup> - 16<sup>th</sup>, 2019**

**Bonn Germany**

Universitätsklinikum Bonn  
Biomedizinisches Zentrum – Hörsaal BMZ  
Sigmund-Freud-Straße 25  
53127 Bonn

ukb universitäts  
klinikumbonn

 **RADIOLOGISCHE  
UNIVERSITÄTSKLINIK  
BONN**

## INVITATION

In recent years tissue ablation by high-intensity focused ultrasound (HIFU) has received increasing interest and application as a novel non-invasive modality for local treatment of various solid tumors. The clinical value of HIFU has been evaluated for more than fifteen years, thus this innovative technique proved to be a safe and effective treatment option with minimal invasiveness and clinical impact on a patient's life style. During HIFU external ultrasonic energy is transmitted into a lesion causing coagulation necrosis in the target region. Hence, lesions are completely destroyed in situ, leaving the skin intact.

The 2<sup>nd</sup> international HIFU meeting "HIFU: Fundamentals and clinical practice" on March 15<sup>th</sup> - 16<sup>th</sup> 2019 in Bonn, Germany, addresses theoretical as well as practical and clinical aspects of HIFU treatment of solid tumors. The event aims to define state-of-the-art HIFU applications. It offers opportunities and platforms for researchers as well as clinicians who have engaged or are going to engage in this interesting topic of non-invasive medicine. It will offer a chance to exchange clinical and scientific experience with experts from Europe and Asia.

We look forward to see you in Bonn again or for the first time!



Priv.-Doz. Dr. Dr. Milka Marinova



Prof. Dr. Holger Strunk

Department of Radiology  
Medical School & University Clinic, Bonn

## PROGRAM - 15.03.2019

### 09.00 Welcome

#### 09.10 - 10.15 Basics of radiological interventions

(Chairs: H. Strunk, K. Zhou)

RFA / Microwave ablation

Carsten Meyer

IRE

Philipp Bruners

TACE: The value of superselective catheterization and complete embolization in hepatocellular carcinoma (HCC)

Xiaoping Luo

#### 10.15 - 10.30 Coffee / Tea break

#### 10.30 - 11.30 Basics of radiological interventions

(Chairs: M. Marinova, X. Luo)

HIFU

Dobromir Dimitrov

SIRT, PRRT

Hojjat Ahmadzadehfar

HIFU combined with embolization for large and hypervascular uterine disease

Kim-Tae Hee

#### 11.30 - 12.00 Lunch break

#### 12.00 - 14.00 HIFU: practical tips and discussion of technical details I

(Chairs: P. Xiang, H. Zhu)

Liver

Holger M. Strunk / Mei Zhechuan

Pancreas

Lian Zhang / Joan Vidal-Jové

#### 14.15 - 15.45 HIFU: practical tips and discussion of technical details II

(Chairs: H. Feradova, K. Zhou)

Uterine fibroids

Milka Marinova / Nadja Stanislavova

Soft tissue / Bones

Franco Orsi / Hu Zhu

#### 15.45 - 16.15 Coffee / Tea break

#### 16.15 - 18.00 HIFU: practical tips and discussion of technical details III

(Chairs: H. Strunk, L. Zhang)

Breast cancer

Dobromir Dimitrov / Milka Marinova

Breast fibroadenoma

Roussanka Kovatcheva / Hyuliya Feradova

## PROGRAM - 16.03.2019

### 09.00 - 10.30 Liver tumors

(Chairs: J. Vidal-Jové, M. Zechuan)

Oncologist's perspective

Mei Zhechuan

Surgeon's perspective

Tong Yang

HIFU

Tong Yang

Other local ablative procedures

Franco Orsi

### 10.30 - 11.00 Coffee / Tea Break 11.00 - 12.30 Pancreatic Cancer

(Chairs: H. Strunk, H. Zhu)

Oncologist's perspective

Georg Feldmann

Surgeon's perspective (incl. IRE)

Tim Glowka

USgHIFU 1

Hyuliya Feradova

USgHIFU 2

Joan Vidal-Jové

### 12.30 - 13.30 Lunch

### 13.30 - 15.00 Gynecological tumors

(Chairs: R. Kovatcheva, K. Hee)

Uterine fibroids: gynecologist's perspective

Jordi Isern Quittlet

Uterine fibroids: HIFU

Nadja Stanislavova

Uterine fibroids: HIFU using portable device

Franco Orsi

Breast fibroadenoma and cancer: HIFU

Dobromir Dimitrov

### 15.00 - 15.20 Coffee / Tea Break

### 15.20 - 17.00 Thyroid nodules

(Chairs: D. Dimitrov, H. Strunk)

Nuclear medical diagnostic and therapeutic procedures

Florian Gärtner

Surgeon's perspective

Andreas Türler

RFA

Holger Strunk

HIFU

Roussanka Kovatcheva

### 17.00 Closing remarks