

## CONGENITAL ANOMALIES OF THE KIDNEY AND URINARY TRACT

# CAKUT

## TEACHING COURSE

### ORGANIZERS

“Victor Babeș”  
University of Medicine  
and Pharmacy, Timisoara



Romanian Society  
of Pediatric Nephrology  
and Urology



Society of  
Pediatric Radiology



Romanian Association  
of Pediatric Minimal  
Invasive Surgery



“Pius Brnzeu”  
Center for Training  
and Experimental Surgery



CENTRUL DE TRAINING ȘI  
CHIRURGIE EXPERIMENTALĂ  
„PIUS BRÂNZEU”

### COURSE COORDINATORS

Ramona Stroescu

Vlad Laurențiu David

### ORGANIZING COMMITTEE

Carmen Ana Asăvoaie  
Ciprian Borca  
Bogdan Ciornei  
Flavia Chișavu  
Otilia Fufezan  
Mihai Gafencu

Karin Hajaj  
Cristina Gârjoabă  
Iulia Mărășescu  
Camelia Popescu  
Bogdan Stefan Olteanu  
Ruxandra Șteflea

# FACULTY

Cornel Aldea MD

Pediatrics, Pediatric Nephrology

3rd Nephrology Clinics, Children's Hospital Cluj Napoca, Romania

Carmen Ana Asăvoaie MD, PhD

Radiology and Medical Imagistics

Emergency Children's Hospital Cluj Napoca, Romania

Mircea Andriescu MD, PhD

Assistant Professor of Pediatric Surgery

"Carol Davila" University of Medicine and Pharmacy București, Romania

Emergency Children's Hospital "Grigore Alexandrescu" București, Romania

Andreea Bot MD, PhD

Lecturer of Pediatrics

"Iuliu Hațieganu" University of Medicine and Pharmacy Cluj Napoca, Romania 2nd

Clinics, Emergency Children's Hospital Cluj Napoca, Romania

Bogdan Bulata MD

Pediatrics, Pediatric Nephrology

Dialysis, Nephrology and Pediatric Toxicology Clinic, Children's Hospital Cluj Napoca, Romania

Salvatore Fabio Chiarenza

Director of Pediatric Surgery Unit, AULSS 8 Berica

European Referral Center for Pediatric Minimally Invasive Surgery Italian

Referral Center for Minimally Invasive Surgery (SIVI)

Regional Center of Pediatric Minimally Invasive Surgery and Urology S.Bortolo

Hospital Vicenza - Italy

Adela Chirița-Emandi MD, PhD

Professor of Medical Genetics, Pediatrics

"Victor Babeș" University of Medicine and Pharmacy Timișoara, Romania

"Louis Turcanu" Emergency Children's Hospital Timișoara, Romania

George Claudiu Costea MD

Pediatric Nephrology

Fundeni Clinical Institute București, Romania

Iulia Ciongradi MD, PhD

Associated Professor of Pediatric Surgery

"Grigore T. Popa" University of Medicine and Pharmacy Iași, Romania

"Sfânta Maria" Emergency Children's Hospital Iași, Romania

Vlad Laurențiu David MD, PhD

Associated Professor of Pediatric Surgery and Orthopedics

“Victor Babeș” University of Medicine and Pharmacy Timișoara, Romania “Louis

Turcanu” Emergency Children's Hospital Timișoara, Romania

Dan Delean MD

Pediatrics, Pediatric Nephrology

Dialysis, Nephrology and Pediatric Toxicology Clinic, Children's Hospital Cluj Napoca, Romania

Dan Dumitrașcu-Biriș

Obstetrics-Gynecology

Lead for Education, King's College London

Diploma in Fetal Medicine, Fetal Medicine Foundation

Fetal Medicine, King's College Hospital, Londra

Center for Fetal Medicine Timișoara, Romania

Otilia Fufezan MD, PhD Radiology

and Medical Imagistics

Emergency Children's Hospital Cluj Napoca, Romania

Mihai Gafencu MD, PhD

Professor of Pediatrics, Pediatric Nephrology

“Victor Babeș” University of Medicine and Pharmacy Timișoara, Romania “Louis

Turcanu” Emergency Children's Hospital Timișoara, Romania

Radu Iacob MD, PhD

Associated Professor of Pediatric Surgery and Orthopedics

“Victor Babeș” University of Medicine and Pharmacy Timișoara, Romania “Louis

Turcanu” Emergency Children's Hospital Timișoara, Romania

Carmen Muntean MD, PhD

Associated Professor of Pediatrics, Pediatric Nephrology

„George Emil Palade” University of Medicine, Pharmacy Science and Technology Târgu Mureș, Romania

Emergency County Hospital Târgu Mureș, Romania

Bogdan Mureșan

Obstetrics-Gynecology

Obstetrics and Gynecology Ultrasound

Diploma in Fetal Medicine

Center for Fetal Medicine Timișoara, Romania

Rodica Mureșan MD, PhD

Assistant Professor of Pediatric Surgery

“Iuliu Hațieganu” University of Medicine and Pharmacy Cluj Napoca, Romania

Emergency Children's Hospital Cluj Napoca, Romania

Camelia Popescu MD  
Radiology and Medical Imagistics  
"Louis Turcanu" Emergency Children's Hospital Timișoara, Romania

Michael Riccabona MD, PhD Professor of Radiology and Pediatrics Medical University of  
Graz, Austria

Radu Russu MD, PhD  
Pediatrics  
"Sfanta Maria" Emergency Children's Hospital Iasi, Romania

Ioan Sirbu MD, PhD  
Lecturer of Pediatric Surgery  
"Grigore T. Popa" University of Medicine and Pharmacy Iași, Romania  
"Sfânta Maria" Emergency Children's Hospital Iași, Romania

Magdalena Starcea MD, PhD  
Associated Professor of Pediatrics  
"Grigore T. Popa" University of Medicine and Pharmacy Iași, Romania  
"Sfânta Maria" Emergency Children's Hospital Iași, Romania

Alin Stoica MD, PhD  
Lecturer of Pediatric Surgery  
University of Medicine and Pharmacy Craiova, Romania  
Emergency County Hospital Craiova, Romania

Cristina Stoica MD, PhD  
Lecturer of Pediatrics, Pediatric Nephrology  
"Carol Davila" University of Medicine and Pharmacy București, Romania  
Fundeni Clinical Institute București, Romania

Ramona Stroescu MD, PhD  
Lecturer of Pediatrics, Pediatric Nephrology  
"Victor Babeș" University of Medicine and Pharmacy Timișoara, Romania  
"Louis Turcanu" Emergency Children's Hospital Timișoara, Romania

Ionela Tămășanu MD, PhD  
Lecturer of Pediatrics, Pediatric Nephrology  
"Victor Babeș" University of Medicine and Pharmacy Timișoara, Romania  
"Louis Turcanu" Emergency Children's Hospital Timișoara, Romania

**08:30 - 09:00 Registration**

**09:00 - 09:15** Opening: Mihai Gafencu, Ramona Stroescu, Vlad David, Camellia Popescu, Michael Riccabona  
Prof. Andrei Motoc – Vice-Rector for Postgraduate Education and Residency

**09:15 - 09:45** Prenatal diagnosis and management of CAKUT. Present and future (Bogdan Mureşan, Timisoara)

**09:45 - 10:15** Urinary tract dilatation classifications (Michael Riccabona, Graz)

**10:15 - 10:45** Congenital lower urinary tract malformations – radiologist point of view (Otilia Fufezan)

**10:45 - 11:05** Astra Zeneca symposium - „Diagnostic steps and treatment in pediatric patients with aHUS (Bogdan Bulata)

**11:05 - 11:30 Coffee break**

**11:30 - 12:00** Basic theoretical consideration concerning contrast-enhanced voiding urosonography (Michael Riccabona, Graz)

**12:00 - 13:00** CAKUT – Pediatric nephrologist point of view (chairman - Mihai Gafencu)

**12:00 - 12:20** The evolution and particularities of the children with malformative uropathy towards end stage renal disease (Dan Delean, Cornel Aldea, Andreea Bot, Bogdan Bulata Cluj Napoca)

**12:20 - 12:40** CAKUT and other systems: Clinical implications (Carmen Muntean, Târgu Mureş)

**12:40 - 13:00** Contrast induced nephropathy in CAKUT (Flavia Chişavu, Timișoara)

**13:00 - 14:00** CAKUT – Surgical Aspects (chairman – Vlad David)

**13:00 - 13:20** CAKUT – an overview from the surgeons’ point of view (Vlad David. Timișoara)

**13:20 - 13:40** Posterior Urethral Valves (Mircea Andriescu, Bucureşti)

**13:40 - 14:00** Robotic approach in UPJO (Radu Iacob, Timișoara)

**14:00 - 15:00 Lunch break**

**15:00 - 18:30** Workshop: „Workshop: “contrast-enhanced voiding urosonography” Sonovue + clinical cases \*  
Coordinators: Michael Riccabona, Ramona Stroescu

\* Participants MUST have enough basic experience and skill in doing an ultrasound of the urinary tract in order to do ce-VUS

**15:00 - 18:00** Workshop: Interesting cases from young doctors, for young doctors.  
Coordinators: Flavia Chişavu, Ruxandra Şteflea

- 09:00 - 09:30** Genetic testing in CAKUT- to test or not to test (Adela Chirița-Emandi, Timișoara)
- 09:30 - 10:00** Upper tract / renal aspects in CAKUT: what is the role of radiology in dilated systems, and which method to use when? (Camelia Popescu, Timișoara)
- 10:00 - 10:30** Duplex & ectopic kidneys, cystic renal disease and dysplasia – meaningful use of radiology (Carmen Asavoiaie, Cluj Napoca)
- 10:30 - 11:00** CAKUT and UTI – what can radiology offer, when to do which kind of imaging? (Michael Riccabona, Graz)
- 11:00 - 11:20** **Coffee break**
- 11:20 - 13:00** CAKUT – Surgical Aspects (chairman – Vlad David)
- 11:20 - 11:40** Congenital hydronephrosis – basic theoretical consideration (Rodica Mureșan, Cluj Napoca)
- 11:40 - 12:00** UPJO repair by retroperitoneal approach (Fabio Chiarenza, Vicenza)
- 12:00 - 12:20** Minimally invasive surgical management of refluxing and obstructive megaureter (Alin Stoica, Craiova)
- 12:20 - 12:40** The role of endourology in CAKUT (Vlad David, Timișoara)
- 12:40 - 13:00** CAKUT atypical situation – surgeon’s role (Alin Stoica, Craiova; Vlad David, Timișoara)
- 13:00 - 13:10** Chiesi symposium
- 13:00 - 14:30** **Lunch break**
- 14:30 - 16:30** Pediatric nephrology (chairman - Mihai Gafencu)
- 14:30 - 15:10** CAKUT management - pediatric nephrologist versus urologist (pediatric nephrologist - Magdalena Starcea, Radu Russu; pediatric surgeons - Iulia Ciongradi, Ioan Sîrbu, Iași)
- 15:10 - 15:30** CAKUT and UTI - what can us, the nephrologists do? (Cristina Stoica, Anca Elena Marin, Ovidiu Constantin Limoncu, George Claudiu Costea, București)
- 15:30 - 15:50** Renal lithiasis - complication of CAKUT (Magdalena Starcea, Iași)
- 15:50 - 16:10** MCDK management- from theory to clinical practice (George Claudiu Costea, Ovidiu Constantin Limoncu, Anca Elena Marin, Cristina Stoica, București)
- 16:10 - 16:30** Monitoring patients with CAKUT- not too often and not too rare (Ramona Stroescu, Mihai Gafencu, Timișoara)
- 16:30 - 16:45** **Coffee break**
- 16:45 - 18:30** Workshop: Basics in bladder catheterization and drainage  
Coordinators: Karin Hajaj, Cristina Gârjoabă
- Workshop: Basics in endourology (cystoscopy, flexible ureteroscopy)  
Coordinators: Vlad David, Bogdan Ciornei
- Workshop: Difficult case presentations- round table: nephrologist/radiologist/surgeon  
Coordinators: Michael Riccabona, Otilia Fufezan, Carmen Asavoiaie, Camelia Popescu, Vlad David, Ramona Stroescu, Mihai Gafencu

# SCIENTIFIC PROGRAM **SATURDAY MAY 18**

## ***Advanced Course for Radiology & Imaging of CAKUT***

**08:30 - 09:00** ***Registration***

**09:00 - 09:30** Opening: Otilia Fufezan, Carmen Asavoiaie, Ramona Stroescu, Michael Riccabona

**09:30 - 10:00** Antenatal Imagistics in CAKUT - Fetal US, and/or fetal MRI? (Dan Dumitraşcu-Biriş, Timișoara)

**10:00 - 10:30** US for UGT-variations in CAKUT: ectopic or duplex kidneys, agenesis, suspected agenesis – typical findings and when does one need to proceed to VCUG/ ce-VUS/ MRI/ scintigraphy (Otilia Fufezan, Cluj Napoca)

**10:30 - 11:10** US-imaging in congenital urinary tract dilatation (Michael Riccabona, Graz)

**11:10 - 11:30** ***Coffee break***

**11:30 - 12:00** Imaging in PUV and other congenital lower urinary tract anomalies (Otilia Fufezan, Cluj Napoca)

**12:00 - 12:30** Renal cystic disease: findings and what radiology can offer (Michael Riccabona, Graz)

**12:30 - 14:00** ***Lunch break***

**14:00 - 14:30** Alternative imaging options in urinary tract dilatation: IVU, MRU, scintigraphy, VCUG – findings, indications and pitfalls / restrictions (Camelia Popescu, Timișoara)

**14:30 - 15:00** Congenital genital malformations, as often associated with CAKUT – US (and other) findings (Carmen Asavoiaie, Cluj Napoca)

**15:00 - 15:20** Pitfalls and restrictions when imaging the pediatric UGT in CAKUT queries (Michael Riccabona, Graz)

**15:20 - 15:40** ***Coffee break***

**15:40 - 17:30** Case presentations: ce-VUS, US in CAKUT, MRI/MRU for CAKUT (Michael Riccabona, Otilia Fufezan, Carmen Asavoiaie, Camelia Popescu) 4 groups

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