



# FINAL SYMPOSIA

Preliminary Program

August 30<sup>th</sup> and 31<sup>th</sup>, 2022 ::: Zurich, Switzerland

## AUGUST 30<sup>th</sup> ::: INTERNAL SYMPOSIUM

University of Zurich, Rämistrasse 71, 8006 Zurich ::: Room: RAA-G-01, Aula klein

|             |   |   |
|-------------|---|---|
| 09.15-11.00 | <b>PANEL MEETING SNF (NCCR MANAGEMENT ONLY)</b> | Location: UZH, RAA-3-08   |
| 10.30       | <b>COFFEE AND REGISTRATION</b>                  |   |
| 11.15-11.30 | <b>WELCOME</b>                                  |   |
| 11.30-11.50 | <b>SOEREN LIENKAMP</b>                          | Novel frogs and iREC models for cystic kidney disease                                       |
| 11.50-12.10 | <b>RUXANDRA BACHMANN-GAGESCU</b>                | TBA   |
| 12.10-12.30 | <b>OLIVIER BONNY</b>                            | Uric acid and biomineralization   |
| 12.30-13.30 | <b>LUNCH</b>                                    |   |
| 13.30-13.50 | <b>ROLAND WENGER</b>                            | Fount, fate, features and function of renal erythropoietin-producing cells                  |
| 13.50-14.10 | <b>SOPHIE DE SEIGNEUX</b>                       | Metabolism and kidney injury  |
| 14.10-14.30 | <b>VARTAN KURTCUOGLU</b>                        | What it takes for computational modeling of renal oxygenation                               |
| 14.30-14.50 | <b>ANDREW HALL</b>                              | Intravital imaging of tubular cell function: Mitochondria and more                          |
| 14.50-15.10 | <b>BREAK</b>                                    |   |
| 15.10-15.30 | <b>JAN LOFFING</b>                              | Potassium and the Kidney: The sense of K  |
| 15.30-15.50 | <b>FELIX BEUSCHLEIN</b>                         | TBA   |
| 15.50-16.10 | <b>ERIC FERAILLE</b>                            | Effect of dietary potassium on CKD progression  |
| 16.10-16.30 | <b>EDITH HUMMLER</b>                            | Glucocorticoid receptor: Function of the DNA-binding domain and salt-sensitive hypertension |
| 16.30-16.50 | <b>BREAK</b>                                    |   |
| 16.50-17.10 | <b>OLIVIER DEVUYST</b>                          | Genetic architecture of kidney diseases: One effect size does not fit all                   |
| 17.10-17.30 | <b>UYEN HUYNH-DO</b>                            | Beyond inhibition of systemic calcification: Fetuin-A as "tissue chaperone"                 |
| 17.30-17.50 | <b>CARSTEN WAGNER</b>                           | Keeping phosphate in balance  |
| 17.50-18.00 | <b>CLOSING REMARKS BY FRANCOIS VERREY</b>       |   |
| 19.00       | <b>SPEAKERS DINNER (SPEAKERS ONLY)</b>          | Location: Sorell Hotel Zürichberg, Orellistrasse 21, 8044 Zurich                            |

Chair: Uyen Huynh-Do

Chair: Johannes Loffing

Chair: Carsten Wagner

Chair: Roland Wenger

## AUGUST 31<sup>th</sup> ::: PUBLIC SYMPOSIUM

### "DAMAGE, REPAIR AND REGENERATION IN THE KIDNEY"

University of Zurich, Rämistrasse 71, 8006 Zurich ::: Room: KOL-G-201, Aula

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| 08.45       | <b>COFFEE AND REGISTRATION</b>                             |  |
| 09.50-10.15 | <b>WELCOME ADDRESS</b>                                     | Director University Medicine Zurich: Prof. Dr. med. Beatrice Beck Schimmer   |
| 10.15-11.00 | <b>KEYNOTE (VIA ZOOM) MELISSA LITTLE</b>                   | Recreating human kidney tissue based on our understanding of kidney development<br>Murdoch Children's Research Institute                             |
| 11.00-11.40 | <b>INA SCHIESSL</b>  | Tracking the dynamics of tubular injury and repair in vivo and over time<br>Aarhus University  |
| 11.40-12.20 | <b>ANDY McMAHON</b>  | Developmental strategizing towards human kidney models<br>University of Southern California  |
| 12.20-13.20 | <b>LUNCH</b>   |  |
| 13.20-14.00 | <b>BEN HUMPHREYS</b>                                       | Understanding Successful vs. Failed Repair after Kidney Injury with Single Cell Multi-Omics<br>Washington University School of Medicine in St. Louis |
| 14.00-14.40 | <b>AGNES FOGO</b>  | Damage, Repair and Regeneration in the Kidney<br>Vanderbilt University   |
| 14.40-15.20 | <b>ANDREAS LINKERMANN</b>                                  | Many ways to die for kidney cells<br>University Hospital of Dresden  |
| 15.20-15.35 | <b>BREAK</b>   |  |
| 15.35-16.15 | <b>TIMO SPEER</b>  | Inflammation in kidney injury and repair<br>Saarland University Medical Center   |
| 16.15-16.55 | <b>CHRISTOPH KUPPE</b>                                     | Mechanisms of kidney fibrosis<br>Aachen University   |
| 16.55-17.10 | <b>BREAK</b>   |  |
| 17.10-17.55 | <b>CLOSING LECTURE BY ARMIN KURTZ: FASCINATING KIDNEYS</b> | With an introduction by Carsten Wagner   |
| 19.00       | <b>DINNER AND PARTY</b>                                    | Location: Ziegelhütte, Zurich<br>Registration required<br>With closing remarks by Jan Loffing & Carsten Wagner                                       |

Chair: Pietro Cippà

Chair: Soeren Lienkamp

Chair: Sophie de Seigneux