Join Radboud Summer School 2017!

The Ins and Outs of Kidneys: from Physiomics to Transplantation

change perspective

Radboud Universiteit
At the RadboudUMC, a close collaboration between renal researchers and nephrologists provides (bio)medical students interested in nephrology and renal physiology additional opportunities for research training. This summer school course on the ins and outs of kidneys: from physiomics to transplantation will be organised around renal research in general and the actual research in Nijmegen in particular, examining all aspects of kidney function. Topics include: water homeostasis, salt homeostasis and secretion, acid/base homeostasis, glomerular function, dialysis and transplantation, acute kidney failure, chronic kidney disease, diabetic nephropathy, polycystic kidney failure and a number of syndromes related to renal channelopathies. During the course you will take part in interactive lectures about each topic, combined with practicals on modern molecular techniques. You will be provided with hands-on demonstration at research labs and will be able to visit a modern renal dialysis unit at the hospital. After completing this course, you should have gained a basic understanding of renal research, be able to understand the molecular techniques behind renal research and apply the principles of renal mechanisms to the understanding and treatment of kidney diseases.

More detailed course information can be found on our website!

After this course you are able to:
- Understand renal physiology in depth
- Understand molecular techniques employed in renal research and interpret experimental results
- Interpret the latest insights in nephrology, hypertension, dialysis and transplantation
- Explain the mechanisms behind kidney disorders, hypertension and channelopathies

For whom is this course designed
Quantum information and computation is one of the fields that benefits most from the creative interaction of mathematicians, physicists, computer scientists, and others.

Number of EC
2 ECTS
Entry level
Advanced bachelor and Master students and PhD students.

Course leader
Dr. Joanneke Kooij & Prof. Dr. Joost Hoenderop, Physiology
Department, Radboudumc

Dates
Monday 7 August – Friday 11 August 2017

Course fee
€500

Discounts
• 10% discount for early bird applicants. The early bird deadline is 1 April 2017.
• 15% discount for students and PhD candidates from partner universities.
More than just a course!
Radboud Summer School is more than an academic event. It is a unique opportunity to meet other international students and researchers and to get to know Radboud University and the city of Nijmegen. Our participants come from all over the world and have different cultural and academic backgrounds. Our programme includes the following activities free of charge: welcome reception, sports activity, guest lecture and farewell drink. We offer also a BBQ, River Cruise, City Tour, Pub quiz and excursion for a small fee.

Have a look at what participants had to say about their experience!

And do not forget to register now!

Deadline application
June 1, 2017

Contact
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www.ru.nl/radboudsummerschool, August 6-18 2017