

**Entity:** Vall d'Hebron Institut de Recerca (VHIR)

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**Research group, Unit or Department:** CIBBIM- Nanomedicine Kidney Physiopathology

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**Student's tutor:** Depending on the research line

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**Positions available:** 2

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**Project description/ Research lines:**

- Role of HAVRC/KIM-1 in the development and progression of the renal clear cell carcinoma (ccRCC) and in the damage/regeneration renal tubular processes (PI: Anna Meseguer)
  - Androgen activity in renal pathophysiology: Identification of androgen-regulated kidney-specific genes and functional characterization of them, in processes of inflammation, oxidative stress and fibrosis underlying chronic kidney disease, hypertension and metabolic síndrome (PI: Anna Meseguer)
  - Focal segmental glomerulosclerosis (PI: Joan López-Hellin)
  - Mechanisms of chronic renal disease progression and cardiovascular risk in pediatric patients with chronic renal disease (PI: Gema Ariceta).
  - Rare inherited renal diseases (PI: Gema Ariceta and Anna Meseguer)
  - Pathologic mechanisms leading to chronic allograft disease and detection of early markers.(PI: Eduard Sarró)
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**Period for the internship:** *master practicum*

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**Requirements:**

- Degree in Life Sciences
  - Good academic records (preferably above 2)
  - Fluently in English
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**Where to apply:** Interested candidates please send a letter of intention, CV and academic records to [ana.meseguer@vhir.org](mailto:ana.meseguer@vhir.org)

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