**SUPPLEMENTARY MATERIAL**

*Search terms for PubMed and Embase\**

("renal cell carcinoma" OR "kidney cancer" OR "renal cell cancer" OR "kidney carcinoma") AND ("metastatic" OR "advanced") AND ("immunotherapy" OR "checkpoint inhibitor\*" OR "ipilimumab" OR "tremilimumab" OR "nivolumab" OR "pembrolizumab" OR "atezolizumab" OR "durvalumab" OR "avelumab") AND ("clinical trial" OR "randomized controlled trial" OR "randomized trial")

\*note that for the Embase search, exploded terms were not utilized

*Search terms for ClinicalTrials.gov*

(immunotherapy OR "checkpoint inhibitor" OR ipilimumab OR tremilimumab OR nivolumab OR pembrolizumab OR atezolizumab OR durvalumab OR avelumab) | Recruiting, Not yet recruiting, Active, not recruiting, Enrolling by invitation Studies | Interventional studies | ("renal cell carcinoma" OR "kidney cancer" OR "renal cell cancer" OR "kidney carcinoma") AND (metastatic OR advanced) | Adult | Phase 3