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Education and Training

- Université de Liège, Belgium, MD, 1980
- Residency, Tulane University Program, Medicine, 1980-1982
- Residency, University of Michigan Program, Neurology, 1982-1983
- Residency, University of Chicago Program, Medicine, 1983-1984
- Fellowship, University of Chicago Program, Nephrology, 1984-1986
- Fellowship, Northwestern University Program, Nephrology, 1986-1987

Biosketch

Dr Cohen is a clinician-investigator whose work has focused on normal tissue radiation injury, with emphasis on radiation nephropathy that can complicate hematopoietic stem cell transplants and is also a risk of accidental or belligerent radiation exposures. He has developed the concept of mitigation, which is the use of a drug or compound after irradiation but before expression of tissue injury, to attenuate the later consequences of irradiation. His laboratory work showed the great benefit of this approach, which he has translated to the clinic.

He has extended this interest to the broader area of Onco-Nephrology, which is the overlap area of those specialties. This includes renal complications of cancer and its treatment, cancers that may damage kidneys, and kidney cancer itself. He has edited a reference text, *Cancer and the Kidney*.

He has also had a longstanding clinical interest in mechanisms and measurement of urinary acidification, and was the first to show the molecular defect of H⁺-ATPase in acquired distal renal tubular acidosis.

His work is currently funded by the Department of Veterans Affairs and by the NIH.

Research/Clinical Keywords

Kidney diseases, Onco-Nephrology, normal tissue radiation injury, radiation nephropathy, radiation pneumonitis

Highlighted Publications

Epoxyeicosatrienoic acid analog mitigates kidney injury in a rat model of radiation nephropathy. Khan MAH, Fish B, Wahl G, Sharma A, Falck JR, Paudyal MP, Moulder JE, Imig JD, **Cohen EP**. *Clin Sci*, 130(8):587-99, 2016

Cohen EP, editor, *Cancer and the Kidney*, 2nd edition, Oxford University Press, 2011

Absence of H⁺-ATPase in cortical collecting tubules of a patient with Sjogren's syndrome and distal renal tubular acidosis. **Cohen EP**, Bastani B, Cohen MR, Kolner S, Hemken P, Gluck SL. *J Am Soc Nephrol*. 3:264-271, 1992

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