

Bernard Van Beers

- Full professor of radiology (classe exceptionnelle) at the University Paris Diderot, France.
- Head of research team on imaging biomarkers in inflammation, fibrosis and cancer at INSERM (French Institute of Medical Research), U 1149, Center of Research on Inflammation, Paris.
- Radiologist at Beaujon University Hospital Paris Nord.
- Professor of radiology, president of the department of medical imaging and head of the research unit of diagnostic radiology at the “Université Catholique de Louvain (UCL)” in Belgium until 2009.

Bernard Van Beers is member of the national steering committee of the Infrastructure project in imaging research “France Life Imaging” (coordinator of the Node Paris Centre) affiliated to Eurobioimaging. He participates in the research steering committee of the French Society of Radiology and the imaging group steering committee of EORTC, as well as in the executive board of the university gastroenterology department (DHU) Unity. He participates in review committees and editorial boards of numerous scientific journals and is member of multiple scientific societies.

He has been member of the Belgian Royal Academy of Medicine. He has participated in the executive board of the ESMRMB, 2004-2009 and directed the scientific program committee of the Annual ESMRMB Scientific Meeting in 2009. He has also been member of the annual meeting program committee of the ISMRM, president of the Belgian Royal Society of Radiology (SRBR, 2008), president of the committee on imaging biomarkers of the ESR, member of the research committee of the ESR and of the executive committee of EIBIR (2011-2013), member of the executive committee of ESMOFIR (2012-2013) and member of the scientific committee (CSS8) of INSERM (2012-2016).

Bernard Van Beers has directed 11 PhD students in biomedical imaging and 12 postdocs since 2000.

Areas of expertise

- Expertise in quantitative, functional and molecular abdominal imaging, especially MRI.
- Current participation in two European research programs in biomedical imaging.

Publications

More than 250 scientific papers and 14 book chapters, H-index (Mendeley): 41.

1. Huwart L, Sempoux C, Vicaux E, Salameh N, Annet L, Danse E, Peeters F, ter Beek LC, Rahier J, Sinkus R, Horsmans Y, **Van Beers BE**. Magnetic resonance elastography for the non-invasive staging of liver fibrosis. **Gastroenterology** 2008; 135: 32-40.

Editorial about this paper: Talwalkar JA. Elastography for detecting hepatic fibrosis: options and considerations. Gastroenterology. 2008 Jul;135(1):299-302.

2. Salameh N, Larrat B, Abarca-Quinones J, Pallu S, Dorvillius M, Leclercq I, Fink M, Sinkus R, **Van Beers BE**. Early detection of steatohepatitis in fatty rat liver by using with MR elastography. **Radiology** 2009, 253: 90-97.

Editorial about this paper: Ehman R. Science to practice: can MR elastography be used to detect early steatohepatitis in fatty liver disease? Radiology. 2009 Oct;253(1):1-3.

3. Wagner M, Doblas S, Daire JL, Paradis V, Haddad N, Leitão H, Garteiser P, Vilgrain V, Sinkus R, **Van Beers BE**. Diffusion-weighted MR imaging for the regional characterization of liver tumors. **Radiology** 2012; 264: 464-472.
4. **Van Beers BE**, Daire JL, Garteiser P. New imaging techniques for liver diseases. **J Hepatol**. 2015 Mar; 62(3):690-700.
5. Lagadec M, Doblas S, Giraudeau C, Ronot M, Lambert SA, Fasseu M, Paradis V, Moreau R, Pastor CM, Vilgrain V, Daire JL, **Van Beers BE**. Advanced fibrosis: correlation between pharmacokinetic parameters at dynamic gadoxetate-enhanced MR imaging and hepatocyte organic anion transporter expression in rat liver. **Radiology** 2015 Feb; 274(2):379-386.