

Molecular Imaging Photo Album (next page)

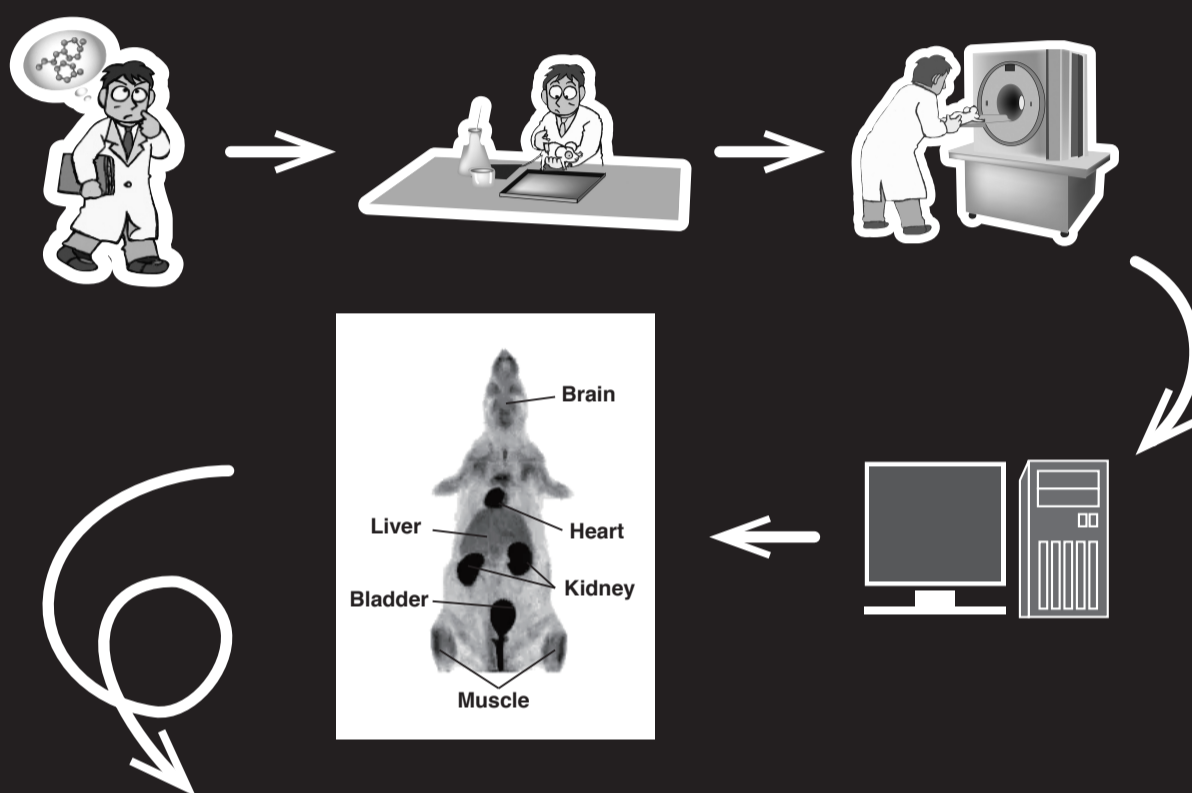
Print without scaling
down in an A4 paper.

Organisms eat, absorb and excrete molecules.
Now we can observe directly this process during their whole life.

RIKEN
Center for Molecular Imaging Science

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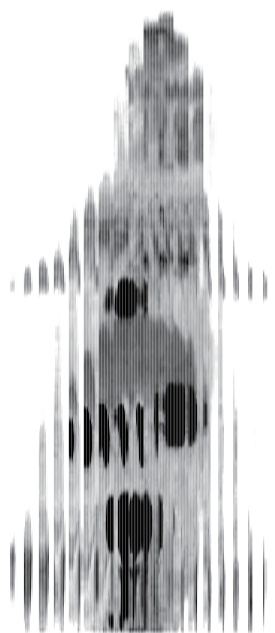
No.1: To see molecules inside a living body from any direction.



Can you see the rotating Rat? If you have difficulty in seeing it, make sure you press the slit window down.



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Collected from Maximum Intensity Projection Images

Molecular imaging is the only noninvasive technique for quantitative monitoring of changes in concentration or distribution of molecules in living organisms. A three-dimensional image of the distribution of a molecule can enable precise monitoring of pharmacokinetics and metabolism. Here we show the accumulation of sugar in the organs of a rat.

Insert this flyer into the bottom of the pocket. Then pull it slowly to the right, to see the image through the slit window.



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