Thermo-electrical experiment

Claude Bernard, Leçons de physiologie opératoire, fig. 100
“We shall reach really fruitful and luminous generalizations about vital phenomena only in so far as we ourselves experiment and, in hospitals, amphitheatres, or laboratories, stir the fetid or throbbing ground of life.”

“Have we the right to make experiments on animals and vivisect them? As for me, I think we have this right, wholly and absolutely. It would be strange indeed if we recognized man’s right to make use of animals in every walk of life, for domestic service, for food, and then forbade him to make use of them for his own instruction in one of the sciences most useful to humanity. No hesitation is possible; the science of life can be established only through experiment, and we can living beings from death only after sacrificing others.”
“Who gave a dog a right? This word right gets very dangerous. We have women’s rights, children’s rights; it goes on forever. And then there’s the right of a salamander and a frog’s right. It’s carried to the absurd.”

“The logical conclusion is we don’t do any research and will spend all our resources making monkeys happy. I don’t like monkeys.”

Watson on science and animal rights
William Hogarth: The Four Stages of Cruelty (1751)

The First Stage
William Hogarth: *The Four Stages of Cruelty* (1751)

The First Stage (detail)
The Second Stage

The Second Stage of Cruelty

William Hogarth: *The Four Stages of Cruelty* (1751)
William Hogarth: The Four Stages of Cruelty (1751)

The Third Stage
William Hogarth: *The Four Stages of Cruelty* (1751)

The Fourth Stage
Queen Victoria, Prince Albert and family

The Society for the Prevention of Cruelty to Animals
Founded 1824

Becomes: The Royal Society for the Prevention of Cruelty to Animals in 1840
“The group by Mr. Halse which we have engraved has a meaning too simple, direct, and well expressed to require comment. Many and pleasant, doubtless, were the associations of the two friends; many were the joyous rambles, the playful frolics, the exciting escapades which they enjoyed in company. Death has now taken one, and, be sure, not the least faith, of the friends; but affection is not wanting in the survivor, and many another sad dog will find no mourner so sincere.”

—Illustrated London News (1874)

George Halse, *Parted Friends*, exhibited at the Royal Academy of Arts in 1873
Engraving: Illustrated London News 64 (1874): 428
Lawrence Alma-Tadema
Good Friends

As engraved in *Illustrated London News* 65 (1874): 435
“The morning toilet, Seven Dials” *Illustrated London News* 65 (1874): 232
Landseer “gives his beloved animals soul, thought, poetry and passion.”
Théophile Gautier (1855)

Edwin Landseer
Laying Down the Law: Trial by Jury (1842)
Charles Burton Barber, A Monster (1866)
Briton Rivièvre
*Sympathy* (1877)
Draining cranial blood from Bernard’s *Leçons de physiologie opératoire*, fig. 82

*Dignity and Impudence* (1839)
Edwin Landseer
ILLUSTRATIONS
OF
VIVISECTION;
or,
EXPERIMENTS ON LIVING ANIMALS,
FROM THE WORKS OF
PHYSIOLOGISTS,
NAMELY,
LEÇONS DE PHYSIOLOGIE OPERATOIRE (OPERATIVE PHYSIOLOGY).
By Claude Bernard.
LEÇONS SUR LA CHALEUR ANIMALE. By Claude Bernard.
LA PRESSION BAROMÉTRIQUE. By Paul Bent, Paris, 1828.
AS REPRODUCED IN
"BERNARD’S MARTYRS" AND "LIGHT IN DARK PLACES."

By Miss Frances Power Cobbe.

PHILADELPHIA:
AMERICAN ANTI-VIVISECTION SOCIETY,
Dec. 1796. CENTURY 1884.

DO NOT REFUSE TO LOOK AT THESE PICTURES.
IF YOU CANNOT BEAR TO LOOK AT THEM, WHAT MUST THE SUFFERING BE TO THE ANIMALS WHO UNDERTAKE THE CARRIERIES THEY REPRESENT?

"These animals are entirely at our mercy. They are dumb and powerless to resist. There is no kind of brutality that we cannot, at our pleasure, inflict upon them." Then, how base is it to take advantage of their unprotected condition, and torture them in such a manner. Is it not the idea repulsive to every generous mind?

"Better that I or my friend should die," says Professor Henry J. Bigelow, "than protract existence through accumulated years of torture upon animals whose exquisite suffering we cannot fail to infer, even though they may have neither voice nor feature to express it."

Francis Power Cobbe
(1822-1904)
Anti-Vivisection magazine, using Bernard’s illustrations as propaganda
“If stringent laws are passed ... the result will assuredly be that physiology, which has been until within the last few years at a standstill in England, will languish or quite cease. It will then be carried on solely on the Continent; and there will be so many the fewer workers on this grand subject, and this I should greatly regret.”—Charles Darwin to Henrietta Darwin (1875)

“Every one has heard of the dog suffering under vivisection who licked the hand of the operator; this man unless he had a heart of stone, must have felt remorse to the last hour of his life.”—Charles Darwin, *The Descent of Man* (1871)
Claude Bernard (facing) and Louis Pasteur, his brilliant young colleague
Louis Pasteur’s Funeral Procession
Paris – 5 October 1895
Rabies

July, 1885: Nine-year-old Joseph Meister is bit 14 times by a rabid dog
“Saint” Pasteur and the Antivivisectionists’ Dilemma

ARGUMENTUM AD HOMINEM.

“Oh, Joseph! Teddy’s just been bitten by a strange dog! Doctor says we’d better take him over to Pasteur at once!”

“But, my love, I’ve just written and published a violent attack upon M. Pasteur on the score of his cruelty to rabbits! And at your instigation, too!”

“Oh, heavens! Never mind the rabbits now! What are all the rabbits in the world compared to our only child?”