

1 less GI effects." Something clearly is wrong in  
2 the risk/benefits communication process between the  
3 manufacturer/distributor, the veterinarian, and the  
4 consumer/owner of the animal receiving the drug.

5 A veterinary drug database. Many  
6 users don't understand possible risks without  
7 personally conducting exhaustive research which  
8 they may or may not be able to pursue. Information  
9 about new human drugs is readily accessible by  
10 consumers from the FDA home page, a database of  
11 veterinary prescription drug information that can  
12 be accessed from the CVM home page we recommend  
13 should be created. The FOI summaries don't answer  
14 the need. Consumers cannot readily access  
15 information about a new animal drugs like Etogesic  
16 as they can about a new human drug like Celobrex  
17 (phonetics).

18 U.S. approval status reports. We  
19 believe the FDA can do a better job of informing  
20 the public about the U.S. approval status of drugs  
21 approved and being used successfully in other  
22 countries. Cartofvet, penicillin polysulfate  
23 sodium (phonetics), for example, has been available  
24 in Australia, New Zealand, Canada, the United  
25 Kingdom and Ireland for years. This therapy for

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1 osteoarthritis in dogs is not available in the  
2 United States, and we do not know how to determine  
3 its status.

4 We think the public needs to  
5 know. We think the CVM could explain its position  
6 on fighting this promotional advertising works  
7 advising material to the American public.

8 Here are four copies -- or copies  
9 of four letters from the Agency to Pfizer dated  
10 April 4, October 8, December 19 and December 21,  
11 1998. Each of these letters discussed fair balance  
12 and advised that Pfizer was found in violation of  
13 the FFDC act and applicable regulations. The  
14 public, we believe, deserves to know the results of  
15 these actions. Pfizer has claimed Rimidil is safer  
16 than aspirin. This is a bogus claim.

17 And I'll skip. I'm getting signs  
18 telling me to stop talking. So I'll again edit  
19 further on the fly.

20 The claim that Rimidil is safer  
21 than aspirin is wrong. That was documented in the  
22 October '98 summary of '97 ADE reports highlighted  
23 in the January-February issue of the FDA  
24 Veterinarian and discussed in articles appearing in  
25 recent issues of APC Veterinary News and Dog

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1 World.

2 The Pfizer commercials continue.  
3 The golden retriever is still jumping over garbage  
4 cans, leaping to the second floor and sliding down  
5 banisters. We think that and merchandising  
6 materials, toy dogs, desk pads, calendars, lack  
7 fair balance of risk/benefit information.

8 We'd also like to know why -- we'd  
9 like CVM to comment on why the U.S. Dosage for  
10 Rimidil after one week is twice that in Australia,  
11 the United Kingdom and Europe where adverse  
12 experiences seem to be less than in this national  
13 market.

14 Let me close by describing a  
15 personal experience that occurred in March at a  
16 specialty show the day before the Detroit Dog  
17 Show. A lady that we met brought her six-year-old  
18 dog for obedience trials and a beautiful  
19 fourteen-year-old along for the ride. In  
20 conversation, the owner said that her vet had just  
21 put the older dog on Rimidil. We asked why. Her  
22 answer? "Oh, no symptoms. She just slowing down a  
23 little and the vet said Rimidil is very popular  
24 now."

25 Jean, Jane and I are here in part

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1 seeking closure and for those who record the  
2 remote, statistically insignificant judgment, I say  
3 that for Misty and George and many others, it was a  
4 hundred percent.

5 As you people in CVM well know,  
6 the premarket testing rarely indicates the full  
7 range of problems. Our plea is simply one for  
8 better communications, improvements in the exchange  
9 of information about animal drugs.

10 The so-called action plan for the  
11 provision of useful prescription medicine  
12 information approved for human drugs by Secretary  
13 Shalala January 13, '97, we recommend be adopted  
14 for animal drugs. What we miss today is the  
15 guarantee that information about the drugs we give  
16 to our animals is timely, accurate, up-to-date,  
17 unbiased, specific, and comprehensive and is  
18 presented in an understandable and legible format  
19 and is useful.

20 Thank you very much for your time.

21 (Applause.)

22 MR. BREEN: Does the CVM panel  
23 have any clarifying questions it wishes to ask?

24 (No response.)

25 MR. BREEN: Then let's proceed



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1 with the questions. Some of them have  
2 been -- excuse me a second.

3 Thank you very much to all  
4 speakers.

5 (Applause.)

6 MR. BREEN: Dr. Sundlof will take  
7 care of the questions.

8 MR. SUNDLOF: We have one that  
9 was originally submitted to the -- by the American  
10 Veterinary Medical Association to the telecast and,  
11 unfortunately, was not addressed at the telecast.  
12 Because it was very specific, the CVM, I thought we  
13 would be able to address this question first. It's  
14 one to which a number of people alluded to. It  
15 talks about the risk assessment. New concept.

16 It says risk assessment is  
17 well-recognized as a tool that supports the  
18 decision, i.e. the risk management tool. The  
19 discipline uses scientific data to evaluate risk  
20 and was introduced in the 1970s to evaluate human  
21 cancer risk. Risk assessment provides what has  
22 been qualified by Anne Lammerding of Health Canada,  
23 a common, unified work space for people of  
24 different backgrounds to contribute to a better  
25 understanding of the whole system.



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1 Risk assessment shows where there  
2 are data gaps, serve as a storage vehicle for  
3 valuable knowledge as it is accumulated and  
4 describe a chain of cause-and-effect events where  
5 proposed changes can be evaluated.

6 That's the prologue. And then the  
7 first question is given the complexity and the  
8 importance of managing potential human health  
9 impact of antimicrobial use in food animals, is the  
10 FDA planning to conduct a risk assessment to define  
11 these risks to human health and derive these  
12 benefits associated with risk assessment in concert  
13 with its intention to the proposed antimicrobial  
14 framework? And the answer is yes.

15 Next question -- maybe I should  
16 expand. Yeah, we expect to have our risk  
17 assessment completed this summer, and so we'll be  
18 coming out -- we are very far along in it. In  
19 fact, we had two of our people down at CDC just  
20 this week going through their files collecting the  
21 kind of data that is going to be required to try  
22 and associate the actual human health problems with  
23 antimicrobial resistance, we'll go back and use the  
24 data from the NARM system to look at animals, look  
25 at human resistance, and we will have a risk



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1 assessment that we'll go out and we want a lot of  
2 input from all our stakeholders, especially in the  
3 scientific community, on that risk assessment so  
4 that we're sure that we feel confident that it was  
5 done properly. We're doing this in conjunction  
6 with a consultant who is very well respected within  
7 the risk assessment community. His name is David  
8 Voss.

9                   And let me just say that this risk  
10 assessment will apply to food-borne pathogens and  
11 will not address commensal organisms like  
12 enterococcus. That's a more difficult and  
13 challenging risk assessment to perform. We intend  
14 to do that subsequent to getting this first one  
15 out, which we think the food-borne entero-pathogens  
16 are easier to model. So, yes, we certainly support  
17 that. We think we have the actual data so that we  
18 can minimize the uncertainty in that risk  
19 assessment. So that's the answer to that question.

20                   The second one, USDA has recently,  
21 recently completed a risk assessment on Salmonella  
22 enteritidis that will serve as a prototype for  
23 future risk assessments of microbial hazards. The  
24 risk assessment for E. coli is being conducted by  
25 the same agency. The USDA and FDA since then are



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1 cooperating on a complete risk assessment of  
2 Escherichia in food. Question: Do you envision  
3 the Center for Veterinary Medicine working  
4 cooperatively with the USDA to conduct the risk  
5 assessment on the human health impact of  
6 antimicrobial use in food-producing animals?

7 Let me say that, as I indicated  
8 earlier, we are working with a consultant. We are  
9 participating with the USDA in their risk  
10 assessment consortium. In fact, our risk  
11 assessment model, I think, has been addressed at  
12 that consortium. So a number of the people working  
13 in USDA on risk assessment, in addition to the  
14 Office of Risk Assessment Analysis within USDA  
15 certainly have been informed about the risk  
16 assessment, the basis for the risk assessment, and  
17 we are seeking your input on this as we will seek  
18 broad input. And also, yes, the Center is also  
19 looking at it. So we are addressing the issue of  
20 risk assessment and we do agree that it's very  
21 important to do that, and we certainly concur that  
22 the decisions that we make that lead to regulations  
23 guidance, et cetera, are based on the best science  
24 available. That's first one.

25 I haven't read these in advance,



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1 so we'll take one more of the ones that have been  
2 written and then maybe go to the microphone and  
3 kind of go back and forth.

4 This one, it says, "How does CVC  
5 propose to focus resources on areas of greatest  
6 risk in those areas where risk has not been  
7 adequately assessed? For example, antimicrobial  
8 use. The answer is the FDA, I think we just did  
9 that. I'm going to say that we really do try and  
10 focus our enforcement efforts on those areas of  
11 highest risk. But not totally. And the reason is  
12 because we can't let the -- it's like the broken  
13 window theory of crime, that if you allow some  
14 minor indiscretions to continue, it escalates and  
15 you have a deteriorating system that loses  
16 credibility. So we try and focus on those with the  
17 greatest risk, but we don't ignore some of the  
18 other ones as well.

19 So since we already did that one,  
20 I'll just read one more and then we will go to the  
21 floor.

22 This one says, "What can or will  
23 be done to improve consumer veterinarian  
24 manufacturers' relationship with regard to  
25 informing consumers about possible adverse effects



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1 of medications so that veterinarian -- so often  
2 veterinarians administer drugs, particularly newly  
3 introduced ones, without accompanying literature  
4 that gives sufficient warning about what side  
5 effects to be on the alert for and really  
6 emphasizes the side effects to watch for." And  
7 that's very consistent with the presentation that  
8 we just heard from Mr. Sinclair. And  
9 Dr. Tollefson?

10 DR. TOLLEFSON: I'll answer this  
11 one, too. There is another submission by Bob  
12 Sinclair, who you just heard speak, and it had to  
13 do -- he actually had some very excellent points --  
14 with improving the availability and timeliness of  
15 ADE reports, particularly for the newly approved  
16 products, and I think the, as many of you know, the  
17 adverse events, the adverse reactions that we  
18 receive come in the initial stages of the marketing  
19 of the product -- at least the great majority of  
20 them -- and that's been associated with the level  
21 of use, the advertising, the fact that it's now  
22 getting out into the market where a lot of animals  
23 are using the drug, and we discover the adverse  
24 reactions.

25 We have been trying to improve the

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1 timeliness of reporting those adverse reaction  
2 reports, the summaries, et cetera. It's directly  
3 linked to resources. The FY 2000 budget is not  
4 going to give us much relief on that. We will be  
5 submitting information for the 2001 link report on  
6 adverse reactions. It's directly linked to the  
7 consumer advertising. We're becoming overwhelmed  
8 with the amount of information that's getting out  
9 there. The request for the new products, although  
10 maybe it wasn't accurately expressed at this  
11 meeting but Office of New Animal Drugs' proficiency  
12 at approving new products, and it's becoming very  
13 critical that we do that.

14 Your ideas about creating more  
15 animal health information for the consumer is well  
16 received. We want to do that in general, you know,  
17 link our home page. We think that maybe that's one  
18 way to counteract a lot of information that's  
19 becoming widespread on the internet where  
20 consumers -- anybody can get information that's not  
21 always accurate, not so much for approved products  
22 as for unapproved products. It's difficult to  
23 regulate that area. So we're thinking that if FDA  
24 serves as a source of the neutral information, that  
25 will induce people to come to us to check the



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1 claims and so on. But we do appreciate your  
2 input.

3 DR. SUNDLOF: Let's go to the  
4 audience. If anybody has any questions, let's go  
5 to the microphones. I think there are two there.  
6 Let's try to come up and ask those questions.

7 In fact, why don't I read another,  
8 because I don't see people flocking. I'll go ahead  
9 and read. But while I'm doing one, if you think of  
10 a burning question, please walk over to the  
11 microphones and we'll get to you.

12 This one says, "What is the  
13 agency's role" -- I think that's "role" -- "in  
14 regulating animal feed additives? Does current  
15 science support restricting some drugs, or is it  
16 mostly perception? If it's mostly perception, will  
17 FDA bow to pressure for regulation anyway?"

18 Well, as I think is well known  
19 that there have been some severe restrictions,  
20 especially in some European union where certain  
21 products were simply banned without a full  
22 scientific review. Whether those products were  
23 contributing resistance is still an open question,  
24 has not been resolved. CVM's position is that we  
25 look at drugs and make regulatory actions based on



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1 their risks to the public. If that risk is  
2 unacceptable, then we would take action.

3 Once a drug is approved, though,  
4 the burden of proof is on the FDA to establish that  
5 it is unsafe. So any action that we would take on  
6 any feed additives would have to be based on our  
7 true ability to demonstrate that there was a risk.

8 We do have a petition before us  
9 right now to take some similar action to banning  
10 certain growth-promoting antibiotics in feeds,  
11 which was -- there was more than forty  
12 organizations and individuals, including a Nobel  
13 laureate that was a co-signator to that citizens'  
14 petition. So regardless, it is still the  
15 responsibility of the FDA to demonstrate that those  
16 products are unsafe, and that's our mandate within  
17 the law, and we will make those decisions based on  
18 data and science.

19 Dr. Jarrett?

20 DR. JARRETT: Further to the  
21 comments I made about compliance and enforcement, I  
22 noticed in the slides and the overheads that you  
23 used compliance and enforcement based on your  
24 wishes had the lowest funding and the greatest  
25 desire for funding, and I commend you for that.



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1 Would you like to comment on that further?

2 DR. TOLLEFSON: Yes, it's always  
3 been on our wish list. It's difficult. Frequently  
4 that concept doesn't sell very well to FDA  
5 stakeholders, the increased compliance, and it  
6 never really has. We are now addressing it under  
7 the broader term of product quality assurance, so  
8 that you bring in to the issue the preapproval  
9 instructions, the GMP issues, that sort of thing,  
10 so that everything is lumped into one, and we think  
11 it may sell better in a congressional format.  
12 Again, our funding requests are being broken down  
13 into two areas under food safety initiative  
14 enhancements and under regular base line FDA  
15 requirements. The inspections component and  
16 enforcement issues are under both for FY 2001. And  
17 I probably sound like a broken record in saying  
18 that our hopes are up for 2001, but that is the  
19 case. And we're not alone. The other senators  
20 also want to do that. So we're hopeful.

21 Does that answer your question at all  
22 or do you want specifics?

23 DR. JARRETT: No, no, no. My  
24 inference, though, was more to existing regulations  
25 and at the field level, product usage and so forth,



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1 not those -- the professionals that are out there  
2 doing it right. The few that are not doing it  
3 right --

4 DR. TOLLEFSON: Correct. We get  
5 information own those types of activities from a  
6 number of sources. We get an awful lot of  
7 information from veterinarians, from organizations,  
8 practitioner groups, from competing drug sponsors.  
9 We do follow those up. We categorize them in terms  
10 of the activity, like compounding pharmaceuticals  
11 that you mentioned, internet advertisement and  
12 sales. And we request to the field; the field  
13 follows up on them based on the priority. And we  
14 need to compete against all the other agencies.  
15 Representatives from the field can tell you that  
16 their priorities follow the lines of the user  
17 investigations that have to be done. They're under  
18 a mandate to be done, so they come first. Then  
19 it's prioritized based on public health. We  
20 actually have a pretty good relationship with the  
21 field. They do a lot of our work.

22 The other part of that problem is  
23 you won't get specific information fed back to you  
24 on what is going on if the case is developed or  
25 warning labels are issued and so on.

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1                   There's actually a fairly good  
2 description of that in the folder on our response  
3 to the last stakeholders meeting that addresses  
4 some of those specific issues.

5                   But our request for additional  
6 funding will, of course, help that problem, but  
7 it's not specifically addressing enforcing current  
8 regulations. It's more for statutory inspections  
9 that which are not necessarily overlapping.

10                  DR. JARRETT: Thank you.

11                  MS. LAVENBERG: My name is Donna  
12 Lavenberg, and I'm with Bayer. I noticed in one of  
13 the handouts that CVM is starting some third-party  
14 reviews, and I just had some questions. Are the  
15 sponsors aware that a portion of their application  
16 may be under review by a third party? Is  
17 this -- in what areas are you working? Are you  
18 going to continue this effort? Just some more  
19 basic information about the program.

20                  DR. BEAULIEU: Yes. We're now  
21 working on the Food Safety section, particularly  
22 the pathology reviews associated with the tox  
23 studies. We lost our tox -- our path expertise,  
24 and the general consensus was that, resources being  
25 as limited as they were, we could not afford to



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1 invest one complete FDT in keeping that expertise  
2 within the organization. So that was an obvious  
3 place to reach outside the organization to get that  
4 expertise. We are paying for that. So it's still  
5 a resource that's counted against our operating  
6 budget. It's working well to the extent we have  
7 resources to do it. I think we're very happy with  
8 the way that process is working and something on  
9 the order of half a dozen reviews, maybe, a year is  
10 about what we can afford in that.

11 We're interested in expanding that  
12 process possibly into other areas of expertise that  
13 we're currently deficient in. But the resources to  
14 support that are going to have to come from our  
15 budget at this point. So our ability to do that is  
16 limited. But so far it's available. It's been a  
17 favorable experience. We would very much like to  
18 expand it. Part of what we would do with our  
19 additional resources in the future, if we get them,  
20 would be to expand that program.

21 If you guys have -- I know that  
22 you suggested one area that we might consider for  
23 going outside for expertise was the statistical  
24 area because I think you folks viewed that as a  
25 potential roadblock. Where we didn't have



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1 sufficient resources we dealt with that by  
2 investing in more in-house resources in that area,  
3 and we hope to deal with that situation in the  
4 future, too.

5 But if there are other specific  
6 areas of expertise that you perceive that are  
7 bottlenecks because -- that are holding the  
8 applications up, or you would suggest maybe going  
9 outside, we would certainly be interested in  
10 hearing about those.

11 The food safety portion of the  
12 application, in our judgment right now, tends to  
13 lend itself best to that approach. We're not  
14 looking for a clinical judgment, we're not looking  
15 at any effectiveness evaluation, we're looking for  
16 the ability to look for someone to make a fairly  
17 specific and concrete determination with respect to  
18 what a specific study says.

19 MS. LAVENBERGER: Thank you.

20 MR. RIGGS: David Riggs from  
21 Watkinsville, Georgia.

22 I attended a conference that was  
23 held at the Centers for Disease Control back  
24 earlier in the year, and this is a group of  
25 molecular scientists that were discussing their



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1 findings, and I was very impressed with the content  
2 of the meeting and the presentations. But the  
3 thing that also hit me is that when people are  
4 asked, Where did this resistance that these  
5 scientists had recognized and had identified, the  
6 question came up, Well, where did they come from?  
7 And they gave their opinion -- not fact -- as to  
8 what the origin of that resistance was, and the  
9 thing that I left that meeting with is a very  
10 strong suggestion that we need to get the molecular  
11 scientists, the epidemiologists and the people in  
12 the field, the end users, together, and have those  
13 three groups discuss their findings and be  
14 challenged when they make particular statements  
15 about -- particularly about the origin and  
16 evolution of the antimicrobial resistance issue.

17 That being said, my question to  
18 CVM is: Do you have any plans at all to bring  
19 these groups together? Would this be a part of  
20 your working group plan that you have -- that you  
21 had mentioned, and, more specifically, in your  
22 research priorities, do you have any long-range  
23 plans to look more closely at the origin and the  
24 evolution of antimicrobial resistance specifically  
25 as to the frequency of transfer within related and



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1 even unrelated bacterial populations?

2 DR. ALDERSON: Within CVM, there  
3 are two resources: The intramural and the  
4 extramural. And I think if you'll look at what  
5 we're doing, particularly in the intramural side, I  
6 think it's very basic just addressing the issue  
7 that you're talking about. We have hired three  
8 outstanding scientists already, fixing to hire two  
9 more. We failed last year. We made two offers,  
10 and they got more money to stay where they were.  
11 So in one way we failed, but in another way we did  
12 select good candidates because they got more money  
13 to stay where they were. So we are starting down  
14 that path again.

15 But the short answer to your  
16 question is: We're very focused intramurally  
17 particularly and will become more focused  
18 extramurally in the next year's round of funding on  
19 just the issue you're talking about. Because  
20 that's the evolution of resistance. We've got  
21 within our facility now the means for us to take  
22 samples when they lie down -- well, anywhere in the  
23 GI tract without being able to follow that  
24 evolution of resistance beginning in the gut of the  
25 animal and following the same animals through that



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1 process. That's where we are. I think our focus  
2 is on how do we help the industry address the  
3 problems they have and the problems that we're  
4 trying to grasp and give advice to the industry on  
5 what do we need to do to address the antibiotic  
6 resistance issue to make these products available?

7 There was one other part of the  
8 question.

9 DR. SUNDLOF: You were wanting to  
10 the know if we're going to bring the different  
11 disciplines together, the molecular microbiologists  
12 and the epidemiologists and other groups that may  
13 have particular expertise that could be brought to  
14 bear on this issue. And I would just say that we  
15 don't have any formal plans right now to convene  
16 such a conference, but I think that in the future  
17 we will -- we certainly may.

18 It is our intention to bring as  
19 many diverse scientific opinions together on this  
20 issue as possible. One of the presenters implied  
21 that we were only listening to one faction and that  
22 that might be epidemiology, and you should be  
23 listening more towards people that are bench  
24 scientists' point of view.

25 The whole area of antimicrobial



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1 resistance is extremely complex. It encompasses a  
2 wide variety of scientific disciplines and  
3 expertise, and we certainly try and listen to all  
4 of those to the extent possible. I think some of  
5 the comments that Norris was making was in  
6 reference to the fact that we need to be bringing  
7 more of that expertise into the Center so that we  
8 can understand what's being on out there in the  
9 scientific community. If you don't understand  
10 molecular biology very well, it's hard to take the  
11 newest science into account when you're forming  
12 regulations or policies or making decisions. So  
13 we're trying to build up our own expertise  
14 internally just so we can better understand all of  
15 the complexities and new science that's going on  
16 out there.

17 I think that's a very important  
18 comment, and I appreciate it.

19 Did that address your --

20 We have just one more.

21 DR. JARRETT: Are you also going  
22 to address the frequency of transfer of resistance  
23 from one bacteria to another? Are you going to  
24 look at frequency.

25 DR. ALDERSON: Yes, that's part of

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1 what we're looking at within our research program.  
 2 Again, I think the issue, as you notice  
 3 particularly later in the year, and of course the  
 4 next year our announcements coming up are for  
 5 extramural funding. You'll see that particular  
 6 factor very prominent in the advertisement for  
 7 extramural funds.

8 DR. SUNDLOF: I'd just add to that  
 9 that the reason that we're not doing a risk  
 10 assessment on those types of potential resistance  
 11 issues -- that is, the transfer of resistance from  
 12 one organism to another organism -- is because we  
 13 don't feel we have enough science to define that  
 14 process very readily in risk assessment modeling.  
 15 So we are very interested in getting more of that  
 16 information so that when we do our risk assessment  
 17 as Phase 2, it will be based on a lot more  
 18 knowledge than we presently have.

19 We have one more question here,  
 20 and it says: What role do you see for the office  
 21 of criminal investigation in your science-based  
 22 regulatory agency?

23 Norris, do you want to take that  
 24 one?

25 DR. ALDERSON: You don't want me



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1 to answer that one.

2 DR. SUNDLOF: Well, I think one of  
3 the things we were talking about, whether it's the  
4 Office of Criminal Investigation or the field, that  
5 we're dealing with a lot of very sophisticated  
6 issues that deal with the products that we  
7 regulate. And certainly the field needs to be able  
8 to keep up with all of the latest changes in  
9 science and manufacturing technology and et cetera  
10 so that they can do an adequate job. I would  
11 assume it would be the same for the Office of  
12 Criminal Investigations where they are  
13 investigating potential criminal activities that  
14 involve some fairly sophisticated mechanisms. My  
15 favorite one -- this is the one of the cow, where  
16 they wired a cow and traced it through a number of  
17 sale barns where individuals had told them that  
18 they actually used drugs on them and had all this  
19 stuff on tape and had video cameras. It was really  
20 neat.

21 DR. TOLLEFSON: It's true.

22 (Laughter.)

23 DR. SUNDLOF: It's true. So they  
24 do use some fairly sophisticated techniques that  
25 you seldom hear about because they want to keep

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1 that activity away from the public, for obvious  
2 reasons.

3 But we certainly think that the  
4 issues that we deal with are technically complex  
5 and challenging, and that the Office of Criminal  
6 Investigations would need some kind of training to  
7 maintain currency as the other component.

8 Charles, I am going to turn it  
9 back over to you.

10 MR. BREEN: I'd like to thank  
11 everybody very much for your attendance and  
12 participation here today.

13 Did you have anything more to  
14 say?

15 DR. SUNDLOF: I'm supposed to  
16 summarize.

17 Dave Lynch and company have been  
18 faithfully taking down notes, too, and trying to  
19 summarize what they thought the main points that  
20 were raised today are. And Jackie Pace was also  
21 involved in that.

22 There was broad support for strong  
23 science base, and we're encouraged by that, since  
24 that's one of the Commission's major emphasis.

25 The risk assessment was very



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1 important, and there seems to be a lot of support  
2 for CVM making sure that their decisions are based  
3 on a valid risk assessment.

4 Continued partnering with  
5 stakeholders. We heard a strong sense that  
6 partnering was an essential part of doing business.

7 Continued development of judicious  
8 use of principles. Absolutely CVM supports that.

9 Support and enhancement and  
10 expansion of the National Antimicrobial Monitoring  
11 System and surveillance, that is also a view that  
12 we certainly share and we will be asking for  
13 additional funds through the Food Safety Initiative  
14 to increase the robustness of that program.

15 Enforce current regulations. We  
16 heard this a lot at our last stakeholders meeting,  
17 and we heard it again today. We will go back and  
18 again discuss this and try and apply the resources  
19 necessary against the -- where we think the  
20 enforcement activities need to be.

21 Inclusion of veterinarians and  
22 practitioners and producers in the decision-making  
23 process. We heard that today, and we certainly  
24 support broad public input into decisions.

25 Support for the use of



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1       compassionate investigation of new animal drug  
2       applications, where certain diseases impact a  
3       relatively small percentage of the animals, but  
4       when diseases do occur, people need drugs, and  
5       anything we can do to help with that process is  
6       something that we've tried to do and will continue  
7       to do.

8                       Request for regulations on VFDs,  
9       licensing and minor species document. I think  
10       we'll be seeing some of those fairly soon because  
11       we have come quite a long way on those.

12                      Veterinary drug database on the  
13       worldwide web. That's something that we need to be  
14       considering. I'll be very honest that CVM has not  
15       had a lot of requests for this kind of information  
16       before, but we've been approving a lot of new drugs  
17       for companion animals lately, and as a result of  
18       that, maybe this is an area that we haven't spent  
19       enough time on.

20                      We really appreciate your coming  
21       out and making those statements. We may not have  
22       been as responsive as we should had you not been  
23       here. So certainly we'll try and work on that.  
24       Better communication between FDA and consumers.  
25       And, again, good suggestions.



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So that's it.

Okay, Charles.

MR. BREEN: Thank you.

I won't repeat myself, but having the last word is a privilege. I would just like to say the stakeholder meetings isn't just a walk, it's a good idea.

Thank you.

(Applause.)

(The proceedings concluded at 4:54 p.m.)

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I, LINDA R. BURT, a Certified Shorthand Reporter of the State of Kansas, do hereby certify:

That said proceedings were was taken down by me in shorthand at the time and place hereinbefore stated and was thereafter reduced to typewriting under my direction;

That the foregoing transcript is a true record to the best of my ability of the statements given;

That I am not a relative or employee or attorney or counsel of any of the parties or a relative or employee of such attorney or counsel or financially interested in the action.

WITNESS my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 1999.

\_\_\_\_\_  
LINDA R. BURT, C.S.R.  
Certified Shorthand Reporter  
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