

DARPA-Funded Animal Use Research

**Guidance for Small Business Innovation
Research (SBIR) and Small Business
Technology Transfer Research (STTR)**





What is Animal Subject Research?

RDT&E (research, development, test, evaluation) and Training using an animal

According to DoDI 3216.01, an animal **IS**

✓ A living or dead **vertebrate**

Dead = killed for the direct purpose of conducting RDT&E or training

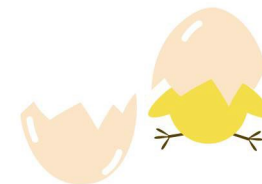
✓ A larval fish or amphibian

✓ An egg-laying vertebrate is only an animal **after hatching**



Animal

Animal



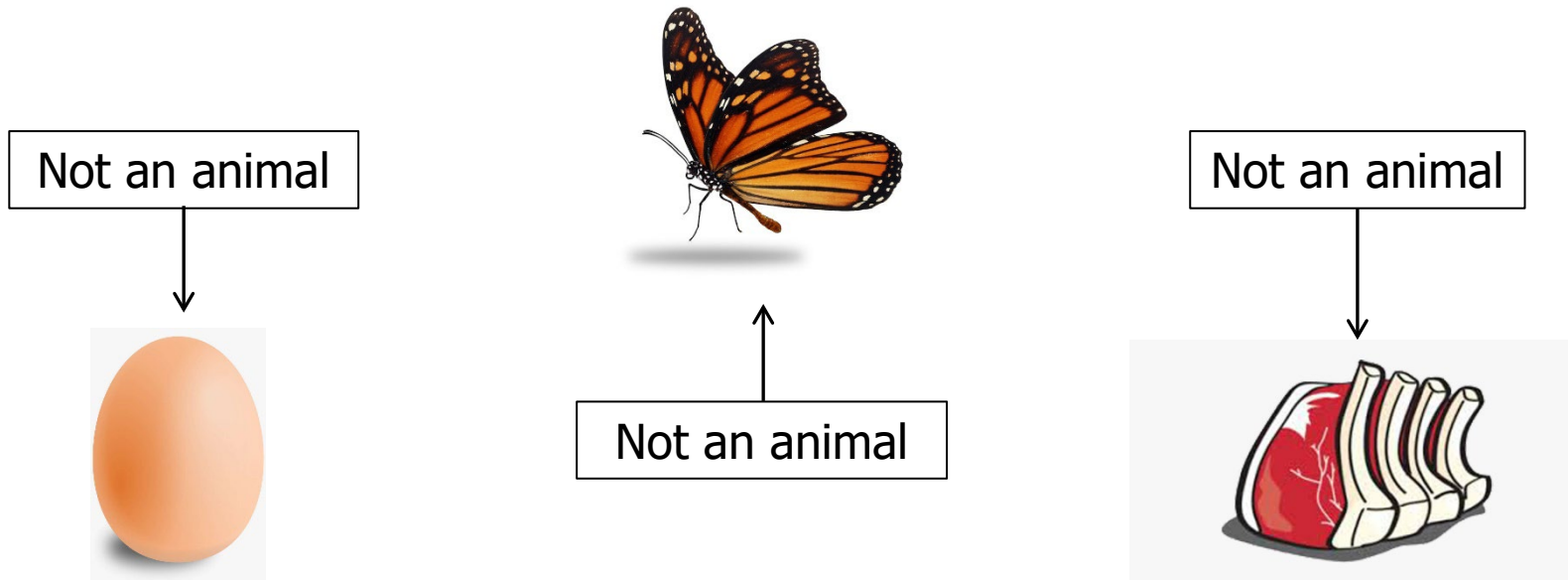
Animal



What is Not Animal Subject Research?

According to DoDI 3216.01, an animal is **NOT**

- × An un-hatched egg
- × An invertebrate
- × Dead animals or parts of dead animals purchased at grocery stores or slaughterhouses





Federal and DoD Policies

Animal Welfare Act/Animal Welfare Regulations The Guide to the Care and Use of Laboratory Animals



**DoD Instruction
3216.01
"Use of Lab Animals in
DoD Programs"**



DARPA Inst. 67

DARPA and Agents must ensure that DARPA-funded ASR complies with these policies



Roles and Responsibilities in ASR

- The DARPA program manager is primarily responsible for ensuring the Agent is notified that the effort constitutes ASR. This action can usually be accomplished by noting that the program is ASR in the MIPR that is sent to the Agent.
 - The agent is secondarily responsible for identifying ASR in the proposal if it was not noted in the MIPR.
- MRMC Animal Care and Use Review Office (ACURO) is responsible for conducting secondary DoD approval.
- The DARPA PM and Agent share the responsibility to ensure all necessary documents are submitted to ACURO and approvals are obtained prior to ASR initiation.
- The COR, DARPA PM, and PI should be in communication throughout the life of the award to monitor progress and approvals.



Review of the Protocol

All DARPA animal use protocols must go through two reviews

1st review

Local Level (IACUC Review)



2nd review

DoD Level (ACURO Review)





Primary Review and Approval of DARPA funded ASR

Institutional Animal Care and Use Committee (IACUC)

- Every institution performing animal research has an IACUC or contracts with one
- It consists of 5 members appointed by the institution to ensure that all ASR follows regulation

IACUC approval process

- The Principal Investigator at the place of performance writes the animal use protocol and submits to the IACUC. IACUCs meet periodically to review and approve protocols.
- DARPA ASR must be approved by the IACUC before moving on to secondary review



Secondary Review and Approval of DARPA Funded ASR

DoD secondary review

- All DoD funded ASR must be approved by a DoD vet
- For DARPA ASR, the location for that review depends on the location of the research facility
 - Research at Navy = Navy vet review
 - Research at Air Force = Air Force vet review
 - All other research = Army vet review at MPMC ACURO
- The DoD review is similar to the IACUC review, but ensures that the research follows DoD regulations





Contract Policies

DoD vet approval is needed **before** any funds can be used for animal research including purchase of animals and per diem costs for animal care

Allowable charges prior to DoD vet approval



Food

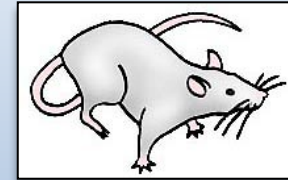


Housing



Equipment

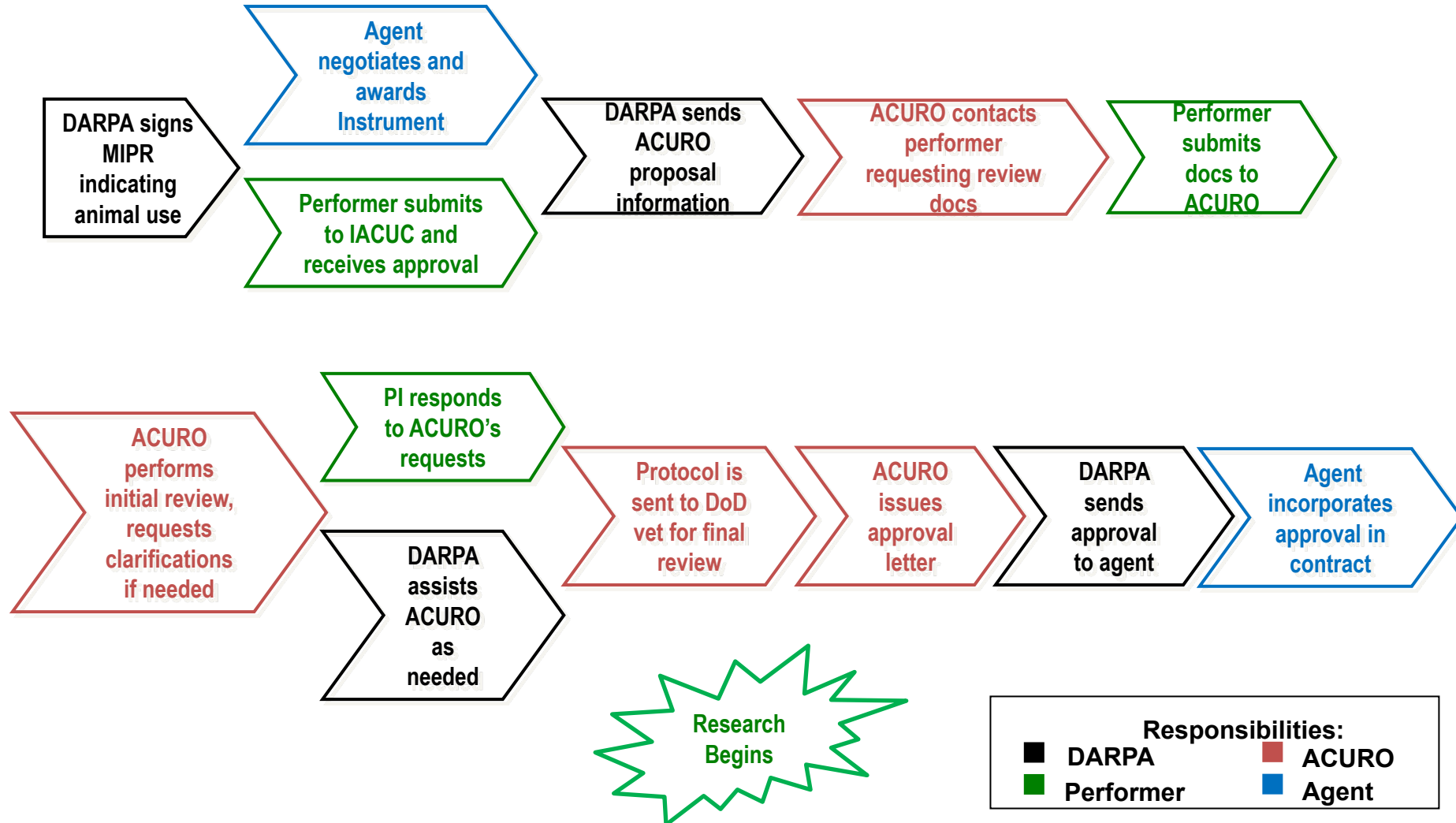
Prohibited charges prior to DoD vet approval



Animal Purchase and Care



Overview: Complete ASR Approval Process





Questions?

Please contact the Small Business Programs Office at:

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