

JEST 投稿補充文件：SRC 批准表

規範

- 此文件為投稿補充文件，專為**未在大學或醫院等正規機構**從事人類或脊椎動物研究的高中生設計。
- 必須於實驗開始前先取得 SRC 批准，並隨稿件附上核准證明影本。
- 附件一為人類受試者研究，附件二為脊椎動物研究。若同時進行兩類研究，應各自呈交對應附件。
- 請依需求逐欄填寫，並備妥知情同意、家長許可、照護計畫等佐證資料供 SRC 核查。

附件一：JEST 人類受試者研究 SRC 批准表

此表適用於所有非規範研究機構（如大學 IRB）之外的人類研究。SRC 核准須於實驗前取得，並由學生研究員與成人指導者共同完成。

欄位	填寫內容
學生研究員姓名	[請填寫學生研究員姓名]
專案標題	[請填寫專案標題]
指導老師/成人贊助人	[請填寫成人指導人姓名]
電話 / 電子郵件	[請填寫成人指導人聯絡資訊]

I. 研究員與成人贊助人確認

1. ☐ 我已提交研究計畫/專案摘要，涵蓋人類受試者部分所有要求的項目。
2. ☐ 我已附上專案中將使用的所有調查問卷或提供給受試者的文件。
3. ☐ 所有使用的已發表工具皆合法取得。
4. ☐ 我已附上 SRC 要求的知情同意書。
5. ☐ 是否與合格科學家 (**Qualified Scientist**) 合作？ Yes ☐ / No ☐

II. 僅限 SRC 使用

- 此區須由 SRC 在審查研究計畫後填寫；所有問題皆須回答以使核准有效。
- 台灣法規特別聲明 (Taiwan Regulations Note): 若研究涉及醫療行為（如抽血、給藥）、侵入性檢測或易受傷害族群（如病患），不得僅使用本表單。必須依《人體研究法》檢附醫院或大學正式 IRB (人體試驗委員會) 核准文件，否則不予受理。

☐ 經完整委員會審查核准（需三位簽名）

1. 風險等級：Minimal Risk ☐ / More than Minimal Risk ☐
2. 是否需合格科學家 (QS)：Yes ☐ / No ☐
3. 是否需指定監護人 (DS)：Yes ☐ / No ☐
4. 是否需未成年同意書 (Assent)：Yes ☐ / No ☐ / 不適用 ☐
5. 是否需未成年家長許可：Yes ☐ / No ☐ / 不適用 ☐
6. 是否需 18 歲以上參與者知情同意：Yes ☐ / No ☐ / 不適用 ☐

☐ 經簡易審查核准（需一位簽名）（符合下列任一者）

- ☐ 受試者僅針對專案設計/學生設計之發明或原型提供回饋，無個資蒐集、無健康或安全風險。
- ☐ 學生為唯一實驗對象，且屬最低風險。

III. SRC 簽名

以下三人不得為指導老師、指定監護人、合格科學家或與學生有親屬關係。

職位	學位 / 執照	印刷姓名	簽名	核准日期（須在實驗前）
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職位	學位 / 執照	印刷 姓名	簽 名	核准日期 (須在實 驗前)
醫療或心理健康專業人員 (例：心理師、醫師、社工、 藥師、護理師)				
教育工作者				
學校行政人員				

附件後可連同 SRC 批准證明影本 (如核准函、簽名頁) 一併提交以供審稿委員審查。

附件二：JEST 脊椎動物研究 SRC 批准表

此表適用於在校園、家中或野外研究場地進行之脊椎動物研究。SRC 核准須於實驗前取得，並依照農業、行為或營養研究要求提出監督計畫。

欄位	填寫內容
學生研究員姓名	請填寫學生研究員姓名
專案標題	請填寫專案標題

I. 研究員填寫部分

重要法規警告 (CRITICAL LEGAL WARNING): 依台灣《動物保護法》，高中實驗室或家庭不得進行任何使脊椎動物產生疼痛、緊迫或死亡的實驗（如解剖、手術、注射、誘導疾病）。此類實驗必須在設有 IACUC 的大學或研究機構進行，並檢附該機構核准公文。若於非規範場所進行上述違法實驗，本期刊將直接退稿並通報相關單位。

1. 動物資訊：使用的動物普通名稱（或屬、種）與數量。
 - 詳細填寫動物種類與數量。
2. 飼養與照護：完整描述籠/圍欄大小、每籠數量、環境、墊料、食物種類與餵食頻率、水源、觀察頻率等。
 - 提供足夠細節以便 SRC 評估。
3. 實驗後安排：實驗完成後動物將如何處置（返放、安樂死、移交等）。
 - 說明負責人與地點。

II. 僅限 SRC 使用

- 此區須於實驗前由 SRC 完成，確認所需監督等級。

所需監督等級（農業、行為或營養研究）：

- ☐ 僅需指定監護人（DS）。
- ☐ 需獸醫與指定監護人。
- ☐ 需獸醫、指定監護人與合格科學家。

SRC 批准：SRC 已確認研究可於非規範研究場地進行，並核准。

職位	簽名	印刷姓名	核准日期（須在實驗前）
SRC 主席（地方或附屬科展）			

III. 獸醫 / 指定監護人 / 合格科學家簽名

職位	確認事項	印刷姓名	簽名	電子郵件 / 電話	核准日期

職位	確認事項	印刷姓名	簽名	電子郵件 / 電話	核准日期
獸醫	<div><input type="checkbox"/> 已於實驗前與學生審查研究與動物照護</div> <div><input type="checkbox"/> 已核准處方藥物與補充品使用/劑量</div> <div><input type="checkbox"/> 若有疾病或緊急狀況將提供醫療照護</div>				
指定監護人或合格科學家	<div><input type="checkbox"/> 已於實驗前與學生審查研究與動物照護</div> <div><input type="checkbox"/> 接受專案動物照護與處理之主要責任</div> <div><input type="checkbox"/> 將直接監督實驗</div>				

附件後請同時附上 SRC 核准證明文件，例如簽名頁、核准函或審查記錄。

JEST Supplementary Manuscript Materials: SRC Approval Forms

Guidelines

- These attachments serve as supplementary documents for submissions and are intended for high school researchers conducting studies **outside regulated institutions** such as universities or hospitals.
- SRC approval must be obtained prior to experimentation and the approval proof should accompany the submission.
- Attachment One covers Human Subject Research; Attachment Two covers Vertebrate Animal Research. Submit each attachment only when the corresponding research falls under that category.
- Complete every required field and retain evidence such as consent forms, permissions, and care plans for SRC review.

Attachment One: JEST Human Subject Research SRC Approval Form

Required for all human participant research conducted outside regulated research institutions. SRC approval is mandatory before experimentation and this section must be completed jointly by the student researcher(s) and adult sponsor.

Field	Content to be Filled
Name(s) of Student Researcher(s)	[Fill in student researcher name(s)]
Title of Project	[Fill in project title]
Adult Sponsor	[Fill in adult sponsor name]
Phone / Email	[Fill in phone or email]

I. Student Researcher and Adult Sponsor Certification

1. ☐ I have submitted my Research Plan/Project Summary which addresses ALL areas indicated in the Human Participants section.
2. ☐ I have attached any surveys or questionnaires or other materials provided to the participants.
3. ☐ Any published instrument(s) used was/were legally obtained.
4. ☐ I have attached an informed consent that I would use if required by the SRC.
5. ☐ **Are you working with a Qualified Scientist?** Yes ☐ / No ☐

II. Scientific Review Committee (SRC) Use Only

Note: This section must be completed by the SRC after reviewing the research plan. All questions must be answered for the approval to be valid. Studies involving medical procedures, invasive sampling, or vulnerable groups must provide an official IRB approval letter from a hospital or university in accordance with Taiwan's Human Subjects Research Act.

☐ **Approved with Full Committee Review** (three signatures required)

1. Risk Level: Minimal Risk ☐ / More than Minimal Risk ☐
2. Qualified Scientist (QS) Required: Yes ☐ / No ☐
3. Designated Supervisor (DS) Required: Yes ☐ / No ☐
4. Written Minor Assent required for minor participants: Yes ☐ / No ☐ / Not applicable ☐
5. Written Parental Permission required for minor participants: Yes ☐ / No ☐ / Not applicable ☐
6. Written Informed Consent required for participants 18 years or older: Yes ☐ / No ☐ / Not applicable ☐

☐ **Approved with Expedited Review** (one signature required), covering either:

- ☐ Human participants provide feedback only on project design or student-designed prototype; no personal data collected, no health or safety hazards.
- ☐ The student is the only subject of the research and no more than minimal risk is involved.

III. SRC Signatures

(None of these individuals may serve as the adult sponsor, designated supervisor, qualified scientist, or be related to the student.)

Position	Degree / Professional License	Printed Name	Signature	Date of Approval (prior to experimentation)
Medical or Mental Health Professional (e.g., psychologist, physician, licensed social worker, physician’s assistant, pharmacist, registered nurse)				
Educator				
School Administrator				

Attach SRC approval proof (signature pages, approval letter, review record, etc.) after this form when submitting.

Attachment Two: JEST Vertebrate Animal Research SRC Approval Form

Required for all research involving vertebrate animals conducted at school, home, or field research sites. SRC approval must precede experimentation and follow the supervision standards for agricultural, behavioral, or nutritional studies.

Field	Content to be Filled
Name(s) of Student Researcher(s)	Fill in student researcher name(s)
Title of Project	Fill in project title

I. Student Researcher Section

Under Taiwan's Animal Protection Act, invasive experiments on vertebrate animals are **STRICTLY PROHIBITED** in high schools or homes. Such studies must be conducted in an IACUC-regulated institution.

- 1. Animal Information:** Common name (or genus, species) and number of animals used.
 - Provide detailed information about the animal species and quantity.
- 2. Housing and Husbandry:** Describe cage/pen size, environment, bedding, type of food, frequency of food and water, observation frequency, and other care details.
 - Include enough detail for SRC to assess welfare and supervision needs.
- 3. Post-Experimentation:** What will happen to the animals after experimentation is complete?
 - Explain disposition plan, responsible party, and location.

II. Scientific Review Committee (SRC) Use Only

Note: SRC must complete this section before experimentation begins.

Level of Supervision Required (agricultural, behavioral, or nutritional studies):

- ☐ Designated Supervisor (DS) REQUIRED.
- ☐ Veterinarian and Designated Supervisor (DS) REQUIRED.
- ☐ Veterinarian, Designated Supervisor (DS), and Qualified Scientist (QS) REQUIRED.

SRC Approval: The SRC has carefully reviewed this study and finds it appropriate for a non-regulated research site.

Position	Signature	Printed Name	Date of Approval (prior to experimentation)
SRC Chair (Local or Affiliate Fair)			

III. Veterinarian, Designated Supervisor, or Qualified Scientist Signatures

Position	Confirmations	Printed Name	Signature	Email / Phone	Date of Approval
Veterinarian	<div><input type="checkbox"/> I have reviewed this research and animal husbandry with the student before the start of experimentation.</div> <div><input type="checkbox"/> I have approved the use and dosages of prescription drugs and/or nutritional supplements.</div> <div><input type="checkbox"/> I will provide veterinary medical and nursing care in case of illness or emergency.</div>				
Designated Supervisor or Qualified Scientist	<div><input type="checkbox"/> I have reviewed this research and animal husbandry with the student before the start of experimentation.</div> <div><input type="checkbox"/> I accept primary responsibility for the care and handling of the animals in this project.</div> <div><input type="checkbox"/> I will directly supervise the experiment.</div>				

Include SRC approval documentation (signed forms, letters, review notes) immediately following this attachment during submission.