

대학원생 주도 국제 심포지엄 지원사업 결과보고서

Report for Graduate Student-led Global Symposium Grant

| | | | | | | | |
|---|---|----------------------------------|----------------|------------------|------------|-------------|----------|
| 신청기관명 | 서울대학교 수의과대학(원) | | | | | | |
| 본교 주최기관 | 수의과대학(원) | | | 수의학과(부) | | | |
| 책임지도교수 | 소속 | 직급 | 성명 | E-Mail | | | |
| | 수의과대학 | 부교수 | 천명선 | jdchun@snu.ac.kr | | | |
| 심포지엄명 | 국문 | 동물과 함께, 경계를 넘다 | | | | | |
| | 영문 | At the contact zone ¹ | | | | | |
| 개최기간 | 2025.12.4.-6. | | | | | | |
| 개최장소 | 서울대학교 수의과대학 | | | | | | |
| 발표/참가인원 | 구분 | | 발표자 | 좌장 | 토론자 | 일반참가 | 계 |
| | 외국대학 | 대학원생 | 2 | | | | 2 |
| | | 대학원생 외 | 2 | | | | 2 |
| | 서울대 | 대학원생 | 2 | | | | 2 |
| | | 대학원생 외 | 2 ² | 1 | | | 3 |
| | 계 | | 8 | 1 | | | 9 |
| 대학원생 외(Other than Grad Students): 교수, 연구원 등(faculty, researchers, etc.) | | | | | | | |
| 심포지엄 개최 결과가 수록된 홈페이지 링크 | 개최 및 결과 수록 홈페이지 링크 : https://www.snuvhss.com/notice - 개최 알림 링크: https://www.snuvhss.com/about-1 | | | | | | |
| 간행물 내역 | 초록 (온라인 배포하였음) - 초록 배포 링크 : http://m.site.naver.com/1X3EE - 발행한 온라인 초록은 [별첨 1] 확인 가능 | | | | | | |
| | 참여홍보링크 : https://www.dailyvet.co.kr/news/academy/263951 | | | | | | |

¹ 심포지엄 영문명 변경 (기존 Transcending Species Boundaries에서 at the contact zone으로 변경)

² 국내 keynote 연자 (김기흥 포스텍 인문사회학부 교수)는 발표 후 토론자로 참여하였음

1. 심포지엄 결과 보고

- 수의인문사회학이라는 새로운 학문 분야의 발전 가능성 확산을 위하여, 국내외 신진 연구자들을 중심으로 인간-동물 관계와 수의학에 대한 복합적 논의를 통해 대학원생들의 역량과 학문적 리더십을 함양할 수 있는 기회를 마련하고자 개최한 "2025년도 대학원생 주도 국제 심포지엄 지원사업"의 프로그램 내용, 결산 내역 등 개최 결과를 보고함
- 동물과 인간의 접촉지대(contact zone)를 중심 개념으로 삼아, 수의학, 동물윤리, 인간-동물 관계 연구 분야의 국제 연구자들이 학술적 논의를 교류하는 것을 목표로 프로그램을 구성하여 진행하였음

1) 심포지엄 프로그램 및 주요 요약

- 주요주제
 - 동물과 맞는 접촉지대와 인간-동물 관계에 대한 이해

- 심포지움 참여연자
 - 좌장 : 서울대학교 수의과대학 수의인문사회학 연구실 천명선 교수
 - 키노트(keynote) 연자 : 김기흥 교수 (포스텍 인문사회학부)
 - 해외 초청 연자 (별첨 2. 해외 연자 경력 및 주요 연구주제)
 - Svenja Springer (Messerli Research Institute, University of Veterinary Medicine, Vienna)
 - Johanna Karg (Messerli Research Institute, University of Veterinary Medicine, Vienna)
 - Marc Bubeck (University of Potsdam, LMU Munich)
 - Sarah Bolton (The University of British Columbia)
 - 국내 연자 (수의인문사회학 연구실 소속 대학원생 및 연구자로 구성)
 - 주설아 박사, 최유진 박사과정생, 김동윤 박사과정생

- 심포지움 구성
 - 프로그램 구성 및 주요 주제
 - 기초강연 및 3 개의 세션으로 구성 (별첨 3. 심포지움 세부 프로그램)
 - 세부 세션은 ① 동물과 수의사(Animals & Vets) ② 돌봄의 관계(Relation of Care) ③ 동물과 식량 생산 시스템 (Animals & Food Production) 으로 진행되었음
 - 해당 주제 하에서 수의 전문직 실천, 돌봄과 안락사, 식량 생산 체계 속 동물의 가치와 취약성 등 다양한 쟁점을 다룸
 - 발표자들은 질적 연구, 설문조사, 이론적 분석을 바탕으로, 동물과 인간이 맺는 관계의 윤리적·사회적 복합성을 조명하였음

- 강연 세부 내용
 - 기초강연 김기흥 교수 (포항공과대학교 인문사회학부)
 - 2023-2024 년 겨울 발생한 멸종위기종 산양 약 990 마리의 집단 폐사 사건을 사회학적·과학기술학(STS) 관점에서 분석하였음. 해당 사건을 단순한 기후 재난이 아닌, ASF 차단을 위해 설치된 방역 울타리에 기반한 '공간 기반 방역' 정책이 생태계

이동성을 차단한 구조적 문제로 해석함. 도나 해러웨이의 '접촉지대(Contact Zone)' 개념을 통해, 인간과 비인간의 공존 공간이 통제와 분리의 공간으로 전환되며 생태적 관계가 붕괴되었음을 지적하였음. 아울러 시민사회와 연구자들의 문제 제기를 통해 이루어진 울타리 부분 개방 조치를 '응답 능력(Response-ability)의 회복' 사례로 제시하며, 다종 간 마주침이 가능한 접촉지대의 확장 필요성을 강조함

○ 세션 1. Animals & vets

- Johanna Karg : 도축장 수의사의 노동이 사회적으로 필수적임에도 불구하고 '비가시화'되어 왔음을 분석. 수의사가 대중적으로 '치료자' 이미지에 한정되어 인식되면서, 피와 죽음이 일상화된 도축장 노동은 담론적으로 배제되고 '더티 워크(Dirty Work)'로 낙인찍힌다는 점을 지적함. 그는 이러한 인식이 도축장 수의사들의 직업적 정체성 혼란과 사회적 낙인으로 이어진다고 설명하며, 투명성 제고와 수의사 사회 내부의 윤리적 성찰을 해법으로 제시하였음
- Marc J. Bubeck : 수의사가 수행하는 '죽음의 노동(Death Work)'을 사회학적으로 체계화함. 동물의 사회적 맥락에 따라 '좋은 죽음'의 기준이 실천적, 정서적, 규범적 차원에서 다르게 구성됨을 밝혔음. 반려동물, 실험동물, 농장동물 각각의 맥락에서 죽음의 정당성이 다르게 협상된다는 점을 강조하며, 수의사를 단순한 기술자가 아니라 죽음의 정당성을 끊임없이 조율하는 전문적 행위자로 재정의함
- 최유진 연구원 : 기존 수의학 커뮤니케이션 모델이 보호자 설득과 정보 전달에 치중함으로써 동물의 '살아있는 몸(Lived Body)'을 주변화할 우려가 있다고 보았음. 유사한 논의가 진행 중인 의료에서의 연구를 바탕으로 '의학적 해석학(Medical Hermeneutics)'을 적용하여 진료를 동물·보호자·수의사가 함께 '환자라는 텍스트'를 해석해 나가는 관계적 과정으로 재정의함. 특히 동물의 몸이 수의사의 윤리적 판단에 능동적으로 참여하는 주체가 됨을 강조하며, 데이터 중심 접근을 넘어선 통합적 임상 이해의 필요성을 제시함

○ 세션 2 : Relationship of care

- Svenja Springer 박사: 말 안락사를 둘러싼 보호자의 태도를 '사회적 사건'으로 분석함. 보호자들은 안락사의 필요성에 동의하면서도 동시에 강한 죄책감과 비탄을 경험하는 양가적 태도를 보임을 확인함. 특히 젊은 여성 보호자에게서 이러한 정서적 부담이 두드러졌으며, 이는 돌봄 수행에 대한 성별화된 사회적 기대와 연관된 것으로 해석되었음. 수의사가 단순한 기술자를 넘어 보호자의 결정을 윤리적으로 지지하는 '도덕적 위안자' 역할을 수행해야 함을 강조함.
- 주설아 박사: 한국 반려동물 보호자를 대상으로 한 대규모 설문조사를 통해 '돌봄 부담(Caregiver Burden)'의 구조적 원인을 분석함. 연구 결과, 높은 애착은 보호자의 삶의 질을 향상시키는 동시에 '완벽한 돌봄'을 요구하는 규범적 압박으로 전환되어 오히려 부담과 죄책감을 증폭시키는 '애착의 역설'을 낳는 것을 확인함. 돌봄 부담이 단일 요인이 아닌 보호자·동물·사회적 맥락의 상호작용에서 발생한다고 지적하며, 입양 전 교육과 관계 중심적 지원 체계의 필요성을 제시하였음

○ 세션 3 : animals & food production

- Sarah E. Bolton 박사: 현대 식량 생산 시스템에서 경제적 가치가 낮다는 이유로 '소외된 동물'들이 구조적 취약성에 놓이는 과정을 소개함. 특히 호주 낙농 산업의 잉여 송아지 문제를 사례로, 개별 농가의 윤리성만으로는 해결할 수 없는 '도덕적 고착(Moral Lock-in)'과 '사악한 문제(Wicked Problem)'의 성격을 지적하였음. 전체 가치 사슬을 고려한 시스템 차원의 접근과 장기적 다자간 대화의 필요성을 강조하였음.
- 김동윤 연구원: 야생동물 친화적 농작물 피해예방시설(WFEFs)에 대한 농민들의 인식과 수용 의향 분석 결과를 발표하였음. 농민들은 야생동물로 인한 피해에 부정적 태도를 보이면서도, 그물망으로 인한 동물의 부상과 죽음에 대해 슬픔을 느끼는 양가적 감정을 보였음. 단순한 보조금 중심 정책이 오히려 심리적 저항을 유발할 수 있음을 지적하며, 농민의 정서와 공감을 기반으로 한 기술·교육·정책의 통합적 접근을 제안함

□ 심포지움 현장 사진



심포지움 개최 선언 - 좌장 천명선 교수



기조강연-김기홍 교수



세션 1-1. Johanna Karg 연구원



세션 1-2 - Marc Bubeck 연구원



세션 1-3 - 최유진 연구원



세션 2-1 Svenja Springer 박사



세션 2-2 주설아 박사



세션 3-1 Sarah Bolton



세션 3-2 김동윤 연구원



질의응답 중인 참여자와 연구자



휴식 시간 중 연구자 간 논의 모습



심포지움 참여자와 함께

□ 심포지움 개최 성과

- 대학원생의 주도로 진행된 국제 학술 행사인 만큼, 차세대 연구자들이 주도적으로 문제를 제기하고 국가·제도·실천 맥락을 넘나드는 비교 논의를 시도하였다는 점에서 의미가 있음
- 특히, 연구자들이 기획·운영 전 과정에 직접 참여함으로써, 학술대회 개최에 수반되는 기획, 연자 섭외, 국제 소통, 현장 운영 등 학술행사 운영 전반에 대한 실질적 이해와 경험을 축적할 수 있는 기회가 되었음
- 발표와 토론을 통해 동물의료, 돌봄, 식량 생산 영역에서의 윤리적 긴장과 제도적 한계, 이에 대한 새로운 관점을 제안하고 논의하는 과정에서 기존의 시각을 확장하고 다양한 의견을 수렴할 수 있었다는 점에서 신진 연구자들의 향후 연구 진행 방향을 구성하고, 다각화 할 수 있는 의미 있는 시간이었다고 평가할 수 있음
- 심포지움 개최 전·후 과정은 수의학 분야 안팎에서 인간-동물 관계에 대한 증가하는 관심과 논의가 실질적으로 존재함을 확인하는 계기가 되었고, 향후 관련 연구를 중장기적으로 확장·심화해 나갈 수 있는 연구 동력을 확보하는데 기여하였음

□ 심포지움 참석자 명단

○ 사전등록자 명단 (신청자 33인 중 19명 참석)

| 동물과 맞닿는 삶 속 인간-동물 관계 (사전 등록) | | | | |
|------------------------------|--------------------------|---|------|-------------------|
| 연번 | 이름(가나다순) | 소속 | 등록확인 | 식사수령확인 |
| ㄱ ㄷ | | | | |
| 1 | 강공내 | 숲속동물병원 | | |
| 2 | 고유민 | 서울대학교 수의학과 4학년 | | |
| 3 | 김민지 | 충남대 수의학과 | 김민지 | Vegan 채식 |
| 4 | 김솔 | 세종 양지고등학교 | | |
| 5 | 김재희 | 충북대학교 수의학과 | | |
| 6 | 김지예 | 전북대학교 수의과대학 | 김지예 | |
| 7 | 김희연 | 서울시 야생동물센터 | 김희연 | |
| 8 | Curie Rho | | 노예 | |
| 9 | Han-Kyun RHO | Kookmin University | 노예 | |
| ㄴ ㅅ | | | | |
| 10 | Prof. Dr. Muhammad Avais | College of Veterinary Medicine, SNU, RoK | 박유진 | |
| 11 | 문혜원 | | 문혜원 | |
| 12 | 박유진 Eugene Park | Konkuk University | | |
| 13 | 박선희 PARK Sunhee | Jeju National University | 박선희 | Vegan 채식 |
| 14 | 박홍준 Hong-June Park | Seoul National University | | |
| 15 | 손용우 Yongwoo Son | Wildlife Health Laboratory, Konkuk University | | No lunch 먹지 않겠습니다 |
| ㅇ | | | | |
| 16 | 염민지 | 건국대학교 | | |
| 17 | 이강/KAHNG LEE | 충남대학교 수의예과 | 이강 | Vegan 채식 |
| 18 | 이서영 | 충북대학교 수의예과 | | |
| 19 | 이승연 | 건국대학교 수의과대학 학부생 | | |
| 20 | 이유빈(Yoobin Lee) | 건국대학교 수의학과 본과 3학년 | 이유빈 | No lunch 먹지 않겠습니다 |
| 21 | 이윤정 | | 이윤정 | Vegan 채식 |
| 22 | 이은찬 LEE EUNCHAN | College of Veterinary Medicine, Jeonbuk National University | 이은찬 | |
| 23 | 이재숙 | | | |
| 24 | 이지용 | 건국대학교 수의과대학 본과 1학년 | 이지용 | |
| 25 | 이형주 | 동물복지문제연구소 어웨어 | 이형주 | Vegan 채식 |
| ㅈ | | | | |
| 26 | 조향 Hyang Jo | Humanities | | No lunch 먹지 않겠습니다 |
| 27 | 정여진 Yeo Jin Jung | LSHTM | 정여진 | |
| 28 | 정윤지 | 충남대학교 수의과대학 수의예과 | | |
| 29 | 주예진 | 충남대학교 수의과대학 | 주예진 | Vegan 채식 |
| ㅊ ㅋ ㅎ | | | | |
| 30 | 채민주 | 전북대학교 수의예과 1학년 | | |
| 31 | 최성식 | | 최성식 | |
| 32 | 한수진 | 충남대학교 수의예과 | 한수진 | |
| 33 | 한주원 | 서울대학교 수의학과 | 한주원 | |

○ 현장등록자 명단

| 동물과 맞는 삶 속 인간-동물 관계 (현장 등록) | | | |
|-----------------------------|-----------|---------|------------------------|
| 연번 | 이름 | 소속 | 이메일 |
| 1 | 강은연 (김선협) | 성균관대 | Chunib@skku.edu |
| 2 | 한지연 | 성균관대 | hanzeeli@skku.edu |
| 3 | 조지혜 | 성균관대 | energyjjy@skku.edu |
| 4 | 김정각 | 성균관대 | kinzierich29@gmail.com |
| 5 | 박세은 | 성균관대 | sparklesse@skku.edu |
| ← 6 | 이지현 | 경남대 | full-boat@naver.com |
| 7 | 서은지 | 서울대(카라) | |
| 8 | 유별라 | 서울대 | bella1184@snu.ac.kr |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |
| 17 | | | |
| 18 | | | |
| 19 | | | |
| 20 | | | |
| 21 | | | |
| 22 | | | |
| 23 | | | |
| 24 | | | |
| 25 | | | |

- 심포지움 현장 활용 제작품
 - 온.오프라인 홍보 포스터

Graduate Student-led Global Symposium 2025

At the Animal Contact Zone

동물과 맞닿는 삶 속 인간-동물 관계



Registration
<https://m.site.naver.com/1TK5R>
 Due by Nov. 23, 2025
Lunch is available for registered participants only



| | |
|--|--|
| Registration (9:30~10:00) | |
| 10:00 Opening | Myung Sun Chun <small>(Seoul National University, South Korea)</small> |
| 10:10 Keynote Lecture | Recovering the Contact Zone : The Case of Massacre of Mountain Goats in 2023~2024 <small>집축시대 회복하기: 2023-2024년 산양 학살을 사건</small> |
| 11:30 Session 1 Animals & Vets | <p>"When People Think of Veterinarians, They Don't Think of Slaughterhouses": Austrian Veterinary Meat Inspectors' Perception of the Profession's Reputation and Prestige <small>"사람들은 수의사를 떠올릴 때, 도축장을 생각하지 않는다" : 오스트리아 도축 검사 수의사들의 전문직 평판과 위상에 대한 인식</small></p> <p>Johanna Karg <small>(University of Veterinary Medicine Vienna, Austria)</small></p> <p>Mapping Veterinary Death Work : Multicontextual Practices and Professional Boundaries <small>수의학적 사망과 관련된 업무 계획하기: 복잡한 맥락에서의 죽음과 전문성의 범위</small></p> <p>Marc J. Bubeck <small>(University of Potsdam, Germany)</small></p> <p>Understanding Clinical Encounters in Veterinary Medicine : An Exploration of the Veterinarian's Lived Experience <small>수의학에서의 의료적 만남: 수의사 경험을 중심으로</small></p> <p>Eugene Choi <small>(Seoul National University, South Korea)</small></p> |
| 13:00 Lunch | |
| 14:00 Session 2 Relationship of Care | <p>Navigating the Final Moment – A Transnational Survey on Horse Owners' Experiences, Expectations, and Attitudes Towards Euthanasia <small>마지막 순간 헤쳐 나가기 – 말 소유자가 가진 안락사에 대한 경험, 기대, 태도</small></p> <p>Svenja Springer <small>(University of Veterinary Medicine Vienna, Austria)</small></p> <p>Korean Pet Owners' Caregiver Burden and Its Impact on Perception of Quality of Life <small>반려동물 보호자들의 돌봄 부담과 삶의 질</small></p> <p>Seola Joo <small>(Seoul National University, South Korea)</small></p> |
| 15:30 Session 3 Animals & Food production | <p>Value and Vulnerability: How Modern Food Production Systems Give Rise to Low Value, "Marginalized" Animals and Approaches to Supporting Systems-level Change <small>가치와 취약성: 현대 식량 생산 체도는 어떻게 가치가 낮은 '소외' 동물을 만드는가, 제도 수준의 변화를 돕는 방법</small></p> <p>Sarah E. Bolton <small>(The University of British Columbia, Canada)</small></p> <p>Farmers' Attitudes and Intentions toward Adopting Wildlife-Friendly Exclusion Facilities: Implications for Reducing Non-Target Animal Harm <small>농부들을 친화적 농작물 피해예방시설 설치에 대한 농부인들의 태도와 의향 : 비윤리적 살상 사고 저감을 중심으로</small></p> <p>Dong Youn Kim <small>(Seoul National University, South Korea)</small></p> |

Dec. 6th (Sat.) 2025
 Schofield hall _ 3F
College of Veterinary Medicine
Seoul National University
Seoul, South Korea

Hosted by  **Center for Animal Welfare Research**
 Supported by  **Office of Research Affairs**  **Research Institute for Veterinary Science**

홍보 포스터
(오프라인 부착용)

Graduate Student-led Global Symposium 2025

At the Animal Contact Zone

동물과 맞닿는 삶 속 인간-동물 관계



Dec. 6th (Sat.) 2025
 Schofield hall _ 3F
College of Veterinary Medicine
Seoul National University
Seoul, South Korea

PROGRAM

Registration (9:30~10:00)

10:00 Opening
Myung Sun Chun
(Seoul National University, South Korea)

10:10 Keynote Lecture
Recovering the Contact Zone
 : The Case of Massacre of Mountain Goats in 2023~2024
집축시대 회복하기: 2023-2024년 산양 학살을 사건
 Johanna Karg
(University of Veterinary Medicine Vienna, Austria)

11:30 Session 1 : Animals & Vets
 "When People Think of Veterinarians, They Don't Think of Slaughterhouses": Austrian Veterinary Meat Inspectors' Perception of the Profession's Reputation and Prestige
"사람들은 수의사를 떠올릴 때, 도축장을 생각하지 않는다"
: 오스트리아 도축 검사 수의사들의 전문직 평판과 위상에 대한 인식
 Johanna Karg
(University of Veterinary Medicine Vienna, Austria)

Mapping Veterinary Death Work
: Multicontextual Practices and Professional Boundaries
수의학적 사망과 관련된 업무 계획하기: 복잡한 맥락에서의 죽음과 전문성의 범위
 Marc J. Bubeck
(University of Potsdam, Germany)

Understanding Clinical Encounters in Veterinary Medicine
: An Exploration of the Veterinarian's Lived Experience
수의학에서의 의료적 만남: 수의사 경험을 중심으로
 Eugene Choi
(Seoul National University, South Korea)

13:00 Lunch

14:00 Session 2 : Relationship of Care
 Navigating the Final Moment – A Transnational Survey on Horse Owners' Experiences, Expectations, and Attitudes Towards Euthanasia
마지막 순간 헤쳐 나가기 – 말 소유자가 가진 안락사에 대한 경험, 기대, 태도
 Svenja Springer
(University of Veterinary Medicine Vienna, Austria)

Korean Pet Owners' Caregiver Burden and Its Impact on Perception of Quality of Life
반려동물 보호자들의 돌봄 부담과 삶의 질
 Seola Joo
(Seoul National University, South Korea)

15:30 Session 3 : Animals & Food production
 Value and Vulnerability: How Modern Food Production Systems Give Rise to Low Value, "Marginalized" Animals and Approaches to Supporting Systems-level Change
가치와 취약성: 현대 식량 생산 체도는 어떻게 가치가 낮은 '소외' 동물을 만드는가, 제도 수준의 변화를 돕는 방법
 Sarah E. Bolton
(The University of British Columbia, Canada)

Farmers' Attitudes and Intentions toward Adopting Wildlife-Friendly Exclusion Facilities: Implications for Reducing Non-Target Animal Harm
농부들을 친화적 농작물 피해예방시설 설치에 대한 농부인들의 태도와 의향 : 비윤리적 살상 사고 저감을 중심으로
 Dong Youn Kim
(Seoul National University, South Korea)

16:30 End

Registration
<https://m.site.naver.com/1TK5R>
 Due by Nov. 23, 2025
Lunch is available for registered participants only

Hosted by  **Center for Animal Welfare Research**
 Supported by  **Office of Research Affairs**  **Research Institute for Veterinary Science**

홍보 포스터
(온라인 배포용)



○ 현장 사용 제작 자료



현수막



현장 설치 배너



참가자 목걸이 내지

2) 심포지엄 결과 활용 방안

- 학술적 활용: 국가간 수의인문사회학 관련 주제 비교 연구 추진 가능
- 본 심포지엄을 통해 국내외 연구자들은 각국의 수의학 실천, 교육 제도, 인간-동물 관계를 둘러싼 윤리적 쟁점들을 공유함으로써 국가별 사회-제도적 맥락에 따라 상이하게 구성됨을 확인하였음. 이러한 논의는 수의인문사회학 분야에서 국가 간 비교 연구를 본격적으로 추진할 수 있는 학문적 기반을 제공함. 향후 본 심포지엄에서 형성된 연구자 네트워크를 중



심으로, 동물의료, 돌봄, 식량 생산, 야생동물 관리 등 주요 주제를 비교·분석하는 공동 연구로 확장할 수 있을 것으로 기대하고 있으며, 초청 연자들과의 지속적인 관계를 통해 수행 가능한 작업으로 진행 가능할 것임

- 교육적 활용: 수의학 교육 프로그램 디자인 시 상호 자문
 - 사전 교류 프로그램과 심포지엄 논의를 통해 각국의 수의학 및 관련 교육 프로그램, 특히 윤리 교육의 위치와 방식, 임상 실습 구조, 인문사회학적 교육의 통합 방식에 대한 정보가 공유되었음. 이를 바탕으로 향후 수의학 교육과정 설계 및 개선 과정에서 국가 간 상호 자문과 협력이 가능할 것임. 특히 수의인문사회학적 관점을 교육과정에 반영하고자 하는 국내 수의학 교육 환경에서, 해외 사례는 교육 프로그램 설계에 있어 중요한 참고 자료로 활용될 수 있음
- 사회정책적 활용: 국내 수의인문사회학에 대한 이해 확산과 국내 동물의료 및 동물복지 이슈 관련 제도적 논의 발판
 - 본 심포지엄은 국내에서는 아직 상대적으로 생소한 수의인문사회학 분야를 국제적 연구 흐름 속에서 조망할 수 있는 계기를 제공하였음. 다양한 연구 주제와 방법론을 소개함으로써, 수의학을 둘러싼 윤리적·사회적 문제를 다층적으로 이해할 필요성에 대한 인식을 확산시키는 데 기여함. 이러한 인식 확장은 향후 국내 수의학 연구와 교육에서 수의인문사회학적 접근의 필요성을 제고하여, 관련 연구 및 교육 확장 시 활용될 수 있음
 - 이에 더해 본 심포지엄에서의 발표와 논의 내용은 최근 사회적 이슈로 논의되고 있는 다양한 동물 및 수의학 관련 이슈(야생동물-농가 충돌 및 피해, 반려동물 보호자-수의사 신뢰, 산업동물 수의사 인력난 등)와 관련하여, 실질적인 제도적 장치 마련을 위한 담론화에 활용될 수 있음

3) 기타사항 Other Details

- 본 심포지엄 행사에 앞서, 해외 연자들과 국내 연구자들은 사전 교류 프로그램(Pre-Symposium Seminar)을 진행하였음. 서울대학교 및 서울대학교 수의과대학, 서울대학교 동물병원의 교육·연구·진료 체계에 대한 소개가 이루어졌으며, 이를 통해 한국 수의학 교육과 임상·연구 환경에 대한 이해를 공유하였음
- 서울대학교 및 서울대학교 부속동물병원 투어
 - 참여 연구자들 각자의 제도적·학문적 배경을 사전에 공유함으로써, 본 심포지엄에서 이루어질 학술적 논의를 보다 깊이 있고 맥락화된 방식으로 전개할 수 있는 공통의 토대를 형성하기 위하여 서울대학교 및 부속 동물병원 견학프로그램을 진행하였음



수의학 박물관



부속동물병원



캠퍼스투어에 참여한 해외 연구진

○ 교육 프로그램 교환 세미나

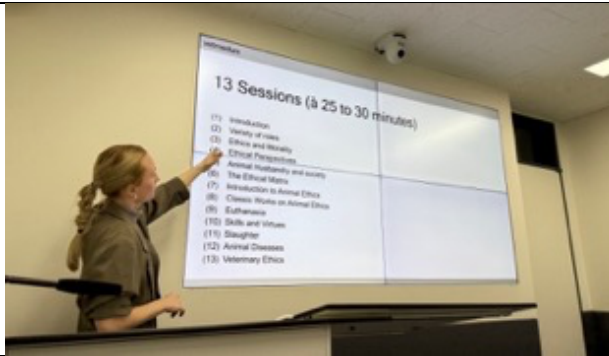
- 각국에서 운영 중인 수의학 및 관련 교육 프로그램을 상호 소개하고 교환하는 세미나 과정에서 국가별 교육 제도, 윤리 교육의 위치, 임상 실습 구조 등에 대한 비교 논의가 이루어졌으며, 향후 교육 및 연구 협력 가능성에 대한 의견이 교환되었다. 이러한 사전 프로그램은 본 심포지엄의 학술적 논의를 보다 풍부하게 하는 기반을 제공하였음 (별첨 4. 교육세미나 자료)



서울대학교 수의과대학 교육 프로그램 소개 중인
천명선 교수



오스트리아 수의과대학 교육프로그램 소개중인
Springer 교수



메셀리 연구소의 수의 윤리프로그램 소개 중인
Karg 연구원



수의학 교육 프로그램 세미나에 참여하여
논의 중인 연구진들

Abstracts of

Graduate Student-led Global Symposium 2025



At the Animal Contact Zone

동물과 맞닿는 삶 속 인간-동물 관계

Dec. 6th (Sat.) 2025
Schofield hall _ 3F

College of Veterinary Medicine
Seoul National University
Seoul, South Korea

Hosted by



Center for
Animal Welfare Research

Supported by



Office of Research Affairs
Seoul National University



Research Institute for
Veterinary Science



PROGRAM

Registration (9:30~10:00)

10:00 Opening

Myung Sun Chun
(Seoul National University, South Korea)

10:10 Keynote Lecture

Recovering the Contact Zone:
The Case of Massacre of Mountain Goats in 2023~2024

접촉지대 회복하기: 2023~2024년 산양 떼죽음 사건

Kiheung Kim
(POSTECH, South Korea)

Coffee Break (11:00~11:30)

11:30 Session 1 : Animals & Vets

“When People Think of Veterinarians, They Don’t Think of Slaughterhouses”:
Austrian Veterinary Meat Inspectors’ Perception of the Profession’s Reputation
and Prestige

“사람들은 수의사를 떠올릴 때, 도축장을 생각하지 않는다”: 오스트리아 도축 검사
수의사들의 전문직 평판과 위상에 대한 인식

Johanna Karg
(University of Veterinary Medicine Vienna, Austria)

Mapping Veterinary Death Work:
Multicontextual Practices and Professional Boundaries

수의학적 사망과 관련된 업무 계획: 복합적인 맥락에서의 적용과 전문성의 범주

Marc J. Bubeck
(University of Potsdam, Germany)

Understanding Clinical Encounters in Veterinary Medicine:
An Exploration of Veterinarian’s Lived Experiences

수의학에서의 의료적 만남: 수의사 경험을 중심으로

Eugene Choi
(Seoul National University, South Korea)

13:00 Lunch

14:00 Session 2 : Relationship of Care

Navigating the Final Moment – A Transnational Survey on Horse Owners' Experiences, Expectations, and Attitudes Towards Euthanasia

마지막 순간 헤쳐 나가기 - 말 소유자가 가진 안락사에 대한 경험, 기대, 태도

Svenja Springer
(University of Veterinary Medicine Vienna, Austria)

Korean Pet Owners' Caregiver Burden and Its Impact on Perception of Quality of Life

반려동물 보호자들의 돌봄 부담과 삶의 질

Seola Joo
(Seoul National University, South Korea)

Coffee Break (15:00-15:30)

15:30 Session 3 : Animals & Food production

Value and Vulnerability: How Modern Food Production Systems Give Rise to Low Value, 'Marginalized' Animals and Approaches to Supporting Systems-level Change

가치와 취약성: 현대 식량 생산 제도는 어떻게 가치가 낮은 '소외' 동물을 만드는가, 제도 수준의 변화를 돕는 방법들

Sarah E. Bolton
(The University of British Columbia, Canada)

Farmers' Attitudes and Intentions toward Adopting Wildlife-Friendly Exclusion Facilities: Implications for Reducing Non-Target Animal Harm

야생동물 친화적 농작물 피해예방시설 설치에 대한 농업인들의 태도와 의향: 비윤리적 살상 사고 저감을 중심으로

Dong Youn Kim
(Seoul National University, South Korea)

Wrap up & Photo (16:30-16:45)

16:45 End

Recovering the Contact Zone: The Case of Massacre of Mountain Goats in 2023~2024

Kiheung Kim¹

¹*Division of Humanities and Social Sciences, POSTECH, 77 Cheongam, Nam-Gu, POHANG, Gyungbuk 37673, Republic of Korea*

e-mail: edinkim@postech.ac.kr

The long-tailed goral (*Naemorhedus caudatus*) is an indigenous species inhabiting the East Asian region and is classified as an endangered species worldwide. Until the 1950s, it was distributed throughout the Korean peninsula, with the exception of the western coastal areas. However, during the 1960s, rapid industrialization and national land development led to severe deforestation and a drastic reduction of its habitat. By the 1980s, the goral had nearly vanished from the landscape. Beginning in the 1980s, restoration projects for the species gradually bore fruit, and by the 2020s, an estimated 1,600 gorals inhabited the mountainous regions of eastern Korea. Yet, in the winter of 2023–2024, unprecedented heavy snowfalls severely limited the availability of food for wild animals. During this period, approximately 70 percent of the goral population—around 990 individuals—perished in a mass mortality event. The enigmatic nature of this mass death invites interpretation through multiple causal frameworks.

This paper seeks to examine how the collapse of what feminist science and technology scholar Donna Haraway has termed the “contact zone” is entangled with the goral die-off. The “contact zone,” a socially organized space of vulnerability and interdependence among human and non-human beings, constitutes a performative site of multispecies interaction. Its collapse, however, signifies the unraveling of interwoven relations that sustain ecological coexistence. By closely tracing the causes of the goral’s mass mortality, this study explores the possibilities for recovering and reconstituting the contact zone. 🐾

| | |
|--------------------------------|---|
| Affiliation | <ul style="list-style-type: none">● Division of Humanities and Social Sciences, Pohang University of Science and Technology (POSTECH), South Korea |
| Education | <ul style="list-style-type: none">● PhD in Sociology of Science, University of Edinburgh, Science Studies Unit (1997 – 2005) |
| Professional Experience | <ul style="list-style-type: none">● Faculty Member, Division of Humanities and Social Sciences, Pohang University of Science and Technology (POSTECH) (2011 – Present)● Research Associate (Postdoctoral Research), Department of Chemical Engineering, Imperial College London (2006 – 2011)● Research Fellow, Wellcome Trust Centre for the History of Medicine, University College London (UCL), (2002 – 2006) |
| Research Interests | <ul style="list-style-type: none">● Science and technology studies (STS), medical sociology, and the history of medicine● The human–animal–disease triad, with a particular focus on zoonotic pathogens and shifting human–animal relationships |

“When People Think of Veterinarians, They Don’t Think of Slaughterhouses”: Austrian Veterinary Meat Inspectors’ Perception of the Profession’s Reputation and Prestige

Johanna Karg¹

¹*Messerli Research Institute, Department of interdisciplinary Life Sciences,
University of Veterinary Medicine Vienna, Veterinärplatz 1, 1210 Vienna, Austria*

e-mail: Johanna.karg@vetmeduni.ac.at

Veterinary medicine is considered one of the most prestigious professions (see, for example, studies from Germany: Ebner & Rohrbach-Schmidt 2019; the USA: Occupational Prestige 2024; and the UK: Newlands & Lutz 2024). However, it also uniquely brings together a wide array of tasks, objectives, and working contexts within one profession. The study presented explores the professional reputation of a veterinary field that has received little attention in both research and public discourse: Veterinary Meat Inspection at Slaughterhouses. Veterinarians in these positions, acting on behalf of the state, are responsible for ensuring food safety, food quality, and animal welfare. To investigate this field, 20 problem-centered qualitative interviews were conducted with veterinarians working full-time or part-time in Austrian slaughterhouses. Among the preliminary findings discussed is how the public perception of this veterinary field contrasts with other veterinary specializations: Several interview participants indicated that the favorable public perception of veterinarians is primarily linked to curative practice – mostly small animal medicine – whereas slaughterhouse work remains largely invisible to the public as a distinct area of veterinary work. Accordingly, the presentation aims to examine the impact on professionals working in an occupation that remains largely unnoticed – or, as reported by some veterinarians, is even subject to deliberate avoidance in discussions. The theoretical foundation for this analysis is provided by sociological research on “Dirty Work”, as introduced by Hughes (1951, 1958) and expanded by Ashforth and Kreiner (2013). Research in this area examines occupational roles that are commonly associated with morally contested or physically repulsive tasks. These occupations are also frequently marked by social invisibility. The presented study draws on interview data to investigate how frameworks from Dirty Work and prestige research can enhance our understanding of the status and perception of Veterinary Meat Inspection and the profession as a whole. 🐾

Keywords: Reputation, Public Perception, Veterinary Meat Inspection, Qualitative Interview Study

References

- Ashforth BE, Kreiner GE. 2013. *Dirty Work and Dirtier Work. Differences in Countering Physical, Social, and Moral Stigma. Manag Organ Rev.* 2013; 10:81–108
- Ebner C, Rohrbach-Schmidt D. 2019. *Berufliches Ansehen in Deutschland für die Klassifikation der Berufe. Beschreibung der methodischen Vorgehensweise, erste deskriptive Ergebnisse und Güte der Messung.*
- Hughes E. 1951. *Studying the Nurse's Work. Am J Nurs.* 51(5):294–295.
- Hughes E. 1958. *Men and Their Work. Glencoe, IL: The Free Press.* 49–50.
- Newlands G, Lutz C. 2024. *Occupational Prestige and Occupational Social Value in the United Kingdom: New Indices for the Modern British Economy. Res Soc Stratification Mobil.*
- Occupational Prestige. 2024. *Measuring Occupational Prestige. [cited 2025 Apr 08]. Available from: <https://www.occupationalprestige.com/>*

| | |
|--------------------------------|--|
| Affiliation | <ul style="list-style-type: none">● Messerli Research Institute; University of Veterinary Medicine Vienna, Austria |
| Education | <ul style="list-style-type: none">● Magistra medicinae veterinariae (2022, University of Veterinary Medicine Vienna, Austria) |
| Professional Experience | <ul style="list-style-type: none">● Inspector for animal husbandry and livestock system for an Austrian Quality Seal (2021–2023)● PhD Student at Messerli Research Institute since 2023 |
| Research Interests | <ul style="list-style-type: none">● Veterinary Ethics● Farm Animal Medicine● Farm Animal Ethics |

Mapping Veterinary Death Work: Multicontextual Practices and Professional Boundaries

Bubeck, Marc J.¹

¹*Faculty of Health Sciences Brandenburg, Universität Potsdam,
14469 Potsdam, Germany.*

e-mail: marc.bubeck@uni-potsdam.de

Veterinary medicine is unique in that it sits at the intersection of human–animal relations, placing the profession within a complex, multifaceted and ambivalent landscape. As well as curing and caring for animals, veterinarians are responsible for euthanizing them. This activity is central yet under–explored in terms of its multiplicity and contextuality within veterinary ethics and the sociology of professions. This paper analyses the killing of animals as a heterogeneous and multi–contextual practice within veterinary work.

Drawing on seventeen semi–structured interviews with German veterinarians who specialize in companion, livestock and laboratory animals, as well as documentary analysis, the study examines how veterinarians describe, perform and understand killing. Using situational analysis (Clarke et al., 2018), the research reconstructs the ‘arc of work’ (Strauss et al., 1985) of killing, which are structured sequences ranging from preparation and technical execution to after care. While these arcs differ across species and institutional contexts, they consistently present killing as a socially organized and legitimate act.

The paper then focuses on the status transitions of animals, whereby patients, research subjects or livestock become corpses or material. These transitions are pivotal in establishing legitimacy and accountability. Furthermore, killing creates multiple ‘objects of care’ (Law, 2008): veterinarians must attend to the animal’s feelings and body, the emotional needs of human clients, institutional requirements and their own professional integrity simultaneously. Consequently, care becomes a diffuse and occasionally contradictory resource, simultaneously justifying and questioning the act of killing.

By foregrounding killing as a practice, this research demonstrates how the professional pursuit of ‘good killing’ functions as a boundary object across various veterinary domains. It provides veterinarians with a flexible yet stable anchor for their professional identity and ethical orientation. Ultimately, the study emphasizes the importance of analyzing death work as a core practice of veterinary professionalism, shedding light on the broader tensions of human–animal relationships. 🐾

Keywords: veterinary ethics; veterinary sociology; killing; professionalism; practice theory; human–animal relations

| | |
|---------------------------------------|--|
| <p>Affiliation</p> | <ul style="list-style-type: none"> ● University of Potsdam (Medical Ethics) ● LMU Munich (Sociology) |
| <p>Education</p> | <ul style="list-style-type: none"> ● PhD-Candidate, University of Potsdam (Medical Ethics) (since 2025) ● PhD-Candidate, LMU Munich (Sociology) (since 2019) ● Veterinary Medicine, LMU Munich (2010–2018) ● M.A. Sociology/Gender Studies, LMU Munich (2012–2015) ● B.A., Sociology/Statistics, LMU Munich (2015–2018) |
| <p>Professional Experience</p> | <ul style="list-style-type: none"> ● Researcher, at Junior Professor of Medical Ethics with a focus on digitalization, Faculty of Health Sciences, University of Potsdam Job title, Institution name (2023–2025) ● Lecturer (LMU Munich, University of Potsdam, KSH Munich: in Nursing, Sociology, Gender Studies) (since 2018) |
| <p>Research Interests</p> | <ul style="list-style-type: none"> ● Qualitative Methods ● Human–Animal Studies ● Science & Technology Studies ● Veterinary Humanities & Ethics |

Understanding Clinical Encounters in Veterinary Medicine: An Exploratory Study of Veterinarians' Lived Experiences

Eugene Choi¹

¹*Research Institute for Veterinary Science, College of Veterinary Medicine,
Seoul National University, Seoul, Republic of Korea*

e-mail: ugenius1@snu.ac.kr

The triangular relationship that binds owner, animal and veterinarian into a tight therapeutic relationship is a defining feature of veterinary practice. Understanding the animal patient relies not only on communication with the owner but also on veterinarians' attentive, non-verbal interpretation of the animal's body and behavior (Ware, 2018). Despite the centrality of such relational work, communication in veterinary medicine remains dominated by biomedical approaches that tend to objectify the animal's body. This study examines the limitations of these approaches and proposes a more relationally grounded perspective based on medical hermeneutics, which views clinical practice as an encounter rooted in relationship and mutual understanding (Leder, 1990; Svenaeus, 2000). From July 2 to September 24, 2025, five veterinarians at an animal cancer hospital were interviewed. Participants described their clinical experiences with animals and owners, responding to semi-structured questions about their clinical processes, memorable cases, and what veterinary practice means to them. Data were analyzed using thematic analysis, organized according to the generally recognized clinical sequence of consultation, physical examination, and diagnostic testing. The consultation process is a way of understanding the animal patient by tracing its past and present—both medically and in everyday life—through the shared experiences of the veterinarian and the owner. As consultations continue, they gradually bridge the gap between clinical knowledge and the owner's lived experience with the animal. Scientific data is indeed important, but it represents only a partial component of the clinical process. It supports decision-making, but it does not override the other forms of understanding that emerge through dialogue and bodily examination. The animal's lived body is not just a diseased object. It is an active participant in the clinical encounter—shaping the veterinarian's judgments and enabling context-sensitive ethical decisions. A sick animal constitutes a significant event in the lives of both veterinarians and owners. Viewing veterinary practice through a hermeneutic lens reveals dimensions of clinical experience that remain obscured within biomedical models. Veterinary practice can be understood as a relational encounter where the veterinarian, the animal, and the owner shape the clinical narrative through their ongoing interactions. 🐾

Keywords: communication, veterinary medicine, relationship, hermeneutic medicine

| | |
|--------------------------------|--|
| Affiliation | <ul style="list-style-type: none">● Research Institute for Veterinary Science & Lab of Veterinary Humanities & Social Science, College of Veterinary Medicine, Seoul National University |
| Education | <ul style="list-style-type: none">● PhD candidate (Veterinary Humanities and Social Science), College of Veterinary Medicine, Seoul National University (2021~)● B.S (Veterinary Medicine), College of Veterinary Medicine, Seoul National University (1999–2006) |
| Professional Experience | <ul style="list-style-type: none">● Quarantine Officer, Animal and plant quarantine agency (2006 ~ 2021) |
| Research Interests | <ul style="list-style-type: none">● Veterinary ethics● Veterinary professionalism● Human–animal studies |

Navigating the Final Moment – A Transnational Survey on Horse Owners' Experiences, Expectations, and Attitudes Towards Euthanasia

Svenja Springer¹

¹*Messerli Research Institute, Vetmeduni Vienna, Veterinaerplatz 1, 1210 Vienna, Austria*

e-mail: Svenja.Springer@vetmeduni.ac.at

The euthanasia of animals is a multifaceted issue within veterinary practice, eliciting a range of emotions and ethical considerations. This presentation aims to explore the relevance of euthanasia in equine practice, emphasizing the perspectives of horse owners and the complexities surrounding this topic.

In a transnational study, 1,435 horse owners from Austria (n=369), Germany (n=763), and Denmark (n=303) were surveyed to evaluate their attitudes, experiences, and expectations regarding euthanasia in equine practice. The findings reveal that over 80% of respondents consider euthanasia justified, particularly to prevent unbearable suffering or in cases of significantly diminished quality of life for the animals. However, 28% expressed a fundamental opposition to euthanasia in equine practice, with a notable percentage in Austria (35.8%) sharing this viewpoint.

Sixty-five percent of participants reported having lost a horse in the past, with 46% experiencing a natural death and 56% due to euthanasia. While 64% conveyed satisfaction with the euthanasia process, a substantial 73% indicated that the situation was (very) distressing for them. Additionally, 88% of respondents reported grief as the strongest feeling in the week after euthanasia, followed by emotions such as loneliness, helplessness, guilt, and even relief. Women and those who valued euthanasia felt grief more intensely ($p < 0.001$). Moreover, younger horse owners and those opposed to euthanasia reported higher guilt levels after euthanasia ($p < 0.001$). Over 80% of respondents expressed a desire for comprehensive information about the euthanasia process and appropriate support from veterinarians.

This presentation will underscore the importance of addressing the emotional and ethical challenges associated with euthanasia. It will discuss key considerations for veterinarians during the euthanasia process, exploring effective ways to support owners through this final moment. 🐾

| | |
|---------------------------------------|---|
| <p>Affiliation</p> | <ul style="list-style-type: none"> ● Messerli Research Institute, University of Veterinary Medicine, Veterinaerplatz 1, 1210 Vienna, Austria |
| <p>Education</p> | <ul style="list-style-type: none"> ● Sept 2017– May 2022: Double PhD programme at the University of Copenhagen, Denmark and University of Veterinary Medicine, Vienna, Austria ● Sept 2014–Nov2018: Doctoral programme in veterinary medicine (Dr.med.vet), University of Veterinary Medicine, Vienna, Austria ● Oct 2008–Jul 2014: Studies of Veterinary Medicine, University of Veterinary Medicine, Vienna, Austria |
| <p>Professional Experience</p> | <ul style="list-style-type: none"> ● since March 2025: Assistant Professor of Veterinary Ethics at the University of Veterinary Medicine ● since Sept 2021: Senior researcher of the Centre for Companion Animal Welfare, University of Copenhagen ● Jan 2021 – March 2025: University assistant (Post-doc) at the Unit of Ethics and Human–Animal Studies, Messerli Research Institute, Vienna, Austria ● Sept 2017– May 2022: PhD–student at the University of Copenhagen, Denmark and University of Veterinary Medicine, Vienna, Austria (host university) ● Apr 2015–May 2016: Scholarship holder at the University of Veterinary Medicine, Vienna, Austria ● Dec 2014–Aug 2017: Scientific staff member at the Unit of Ethics and Human–Animal Studies, Messerli Research Institute, Vienna, Austria |
| <p>Research Interests</p> | <ul style="list-style-type: none"> ● Empirically informed veterinary ethics, veterinary ethics, veterinary professional ethics, empirically informed human–animal interaction <p>Svenja Springer emphasizes the importance of identifying and reflecting on existing challenges and dilemmas in veterinary practice, aiming to develop practical and contextually relevant solutions for the veterinary profession. Her research interests center on the empirical analysis of human–animal relationships and the moral dilemmas encountered by veterinary professionals. Springer actively presents her work at national and international conferences, striving to illuminate critical issues of veterinary ethics within the profession.</p> |

Korean pet owners' caregiver burden and its impact on perception of quality of life

Seola Joo¹

¹*Research Institute for Veterinary Science, College of Veterinary Medicine,
Seoul National University, Seoul, Republic of Korea*

e-mail: jsa321@snu.ac.kr

This study examines 'pet caregiver burden' (Zarit, 1980; Spitznagel et al., 2019) among primary caregivers in South Korea, emphasizing the combined effects of owner-, pet-, and caregiving-related factors. A nationwide online survey of 2,002 Korean pet owners was conducted in 2025, and the sample was narrowed to 1,690 respondents who identified as main caregivers. Participants were 51.8% female and 48.2% male, with a mean age of 49. Attachment levels, assessed using the 3-item CENSHARE Pet Attachment Scale, averaged 9.0 (SD = 1.1) and were higher among women, younger caregivers, those who had experienced a previous pet's death, and owners of older animals. Regarding pet characteristics, 71.9% owned dogs, 70% had only one pet, and the mean pet age was 8 years. While 16.4% of pets had a chronic disease, 92.4% of participants perceived their pet as healthy. As for caregiving-related factors, 51.8% of caregivers felt insufficiently prepared, 15.8% experienced adaptation difficulties, 19% reported neighbor conflict, and the average monthly cost of care was about 310,000 won. The average duration pets were left alone each day was 5.3 hours. Caregiver burden measured by the 7-item Zarit Burden Interview averaged 11.4 (SD = 4.6). Regression analyses showed that younger caregiver age, younger pet age, lower attachment, poorer pet health, chronic illness, and dog ownership predicted higher burden in Model 1. When caregiving experience variables were added in Model 2, adaptation difficulty, preparedness, higher cost of care, and conflict experience became significant predictors, while attachment was no longer significant. Overall, 81.1% of caregivers reported improved quality of life (QoL) after pet ownership, and ANOVA results indicated lower QoL among those with moderate to severe elevated pet caregiver burden. These findings suggest that caregiver burden—and its potential to diminish quality of life—cannot be explained by single variables. Rather, it emerges from the dynamic interaction between caregiver factors, animal characteristics, and changes in the animal's health across life stages. Behavioral or health declines reshape caregiving roles, intensifying burden. Furthermore, preparedness before adoption and the early development of routines and relationships have lasting influence on current burden levels. Taken together, the results highlight the importance of pre-adoption education and ongoing guidance that frame caregiving as a relational, co-evolving process, ultimately supporting the well-being of both caregivers and animals. 🐾

| | |
|--------------------------------|---|
| Affiliation | <ul style="list-style-type: none">● Research Institute for Veterinary Science & Lab of Veterinary Humanities & Social Science, College of Veterinary Medicine, Seoul National University |
| Education | <ul style="list-style-type: none">● PhD (Veterinary Humanities and Social Science), College of Veterinary Medicine, Seoul National University (2018–2023)● B.S (Veterinary Medicine), College of Veterinary Medicine, Chonnam National University (2006–2012) |
| Professional Experience | <ul style="list-style-type: none">● Postdoctoral researcher, Research Institute for Veterinary Science & Lab of Veterinary Humanities & Social Science, College of Veterinary Medicine, Seoul National University (2023–present)● Instructor, College of Veterinary Medicine, Gangwon National University (2025–present)● Instructor, Liberal Arts, University of Seoul (2024–present)● Instructor, College of Sociology, Sungkonghoe University (2024–present)● Clinician, Park View Animal Clinic (2014–2016) |
| Research Interests | <ul style="list-style-type: none">● Human–animal interaction in animal health & disease● Multispecies care for animal patient |

Value and vulnerability: how modern food production systems give rise to low value, ‘marginalized’ animals and approaches to supporting systems–level change

Sarah E. Bolton¹

¹*Animal Welfare Program, Faculty of Land and FoodSystems,
The University of British Columbia, 2357 Main Mall, Vancouver, BC, V6T1Z6, Canada*
e-mail: sarah.bolton@ubc.ca

Within the production animal industries, there is increasing pressure to address public concerns about animal welfare, necessitating research into how best to address problematic practices on farms. These issues are particularly persistent when it comes to classes of animals that are ‘marginalized’, being seen as low value, distanced from resources, and constructed as insignificant. Examples of such low value animals include cull cows, spent layer hens, male layer chicks, and surplus dairy calves (calves not intended as future milking females). These animals face increased welfare risks, including compromised health, poor nutrition, and transport stress prior to slaughter. In the case of male layer chicks and surplus calves, they may also face killing in the first days of life due to their lack of value. The increased welfare risks faced by these categories of animals may be explained by ‘moral lock-in’, a conceptual framework describing why an economic system may have embedded ways of operating that are morally inferior. Implementing socially acceptable and economically viable ways of managing marginalized animals in food production is a complex challenge that fits many characteristics of a ‘wicked problem’, being difficult to define, constantly evolving, multicausal, and socially complex. Tackling wicked problems requires understanding and accounting for the wide range of actors implicated, including the industry, the public, and the animals themselves. In an attempt to describe the factors affecting surplus calf management in Australia and identify sustainable alternatives to early life killing, we utilised a participatory framework that included: public and value chain focus groups; along with separate longitudinal focus groups where the same farmer and advisor groups were reconvened multiple times as a practical method for achieving deliberative engagement. Our findings indicate that the challenge of early life killing of surplus calves in Australia is highly complex and exhibits many aspects of a wicked problem. Further, we found that deliberative engagement, where participants take positions and reflect on diverse viewpoints presented over time, can lead to shifts in thinking. However, affecting change in the management of surplus calves, and other marginalized animals in food production systems, at the systems–level will require long–term, sustained, multi–directional dialogues and a commitment to sustainable solutions. 🐾

| | |
|---------------------------------------|--|
| <p>Affiliation</p> | <ul style="list-style-type: none"> ● The University of British Columbia |
| <p>Education</p> | <ul style="list-style-type: none"> ● Doctor of Philosophy, The University of Melbourne, 2019–2024 ● Bachelor of Veterinary Science (Honours – H1), The University of Melbourne, 2008–2012 |
| <p>Professional Experience</p> | <ul style="list-style-type: none"> ● Postdoctoral Research Fellow, The University of British Columbia, 2025 to present ● Dairy Beef and Animal Welfare Manager, HW Greenham & Sons, 2023–2024 ● National Animal Welfare Lead, Dairy Australia, 2019–2023 ● District Veterinarian, North Coast Local Land Services, 2017–2019 ● Associate Veterinarian, Grafton Veterinary Clinic, 2015–2017 ● Associate Veterinarian, Northern Rivers Equine Veterinary Clinic, 2013–2015 |
| <p>Research Interests</p> | <p>My overall research aim is to support the implementation of food animal production systems that are simultaneously environmentally, socially, and economically sustainable. Within this nexus, my work centres on the welfare of food production animals and complex challenges in agriculture where the needs of all stakeholders, including the public and the animals, need to be understood and accounted for. My doctoral dissertation focused on the welfare of surplus dairy calves and included the use of multistakeholder dialogues to identify and integrate the needs of farmers, value chain stakeholders, the public, and the animals themselves. My postdoctoral research deepens this focus on calf management to include cow-calf contact dairy systems, and broadens to include other low-value, ‘marginalized’ animals in food production systems, ethical challenges in cattle veterinary practice, and the role of gender identity in caring for food animals. My research under these themes falls within both the social and natural sciences using a combination of qualitative and quantitative methodologies.</p> |

Farmers' Attitudes and Intentions toward Adopting Wildlife-Friendly Exclusion Facilities: Implications for Reducing Non-Target Animal Harm

Dong-Youn Kim¹, Myung-Sun Chun¹, Donggul Woo^{2*}

¹Center for Animal Welfare Research, Research Institute for Veterinary Science,
Seoul National University, Seoul 08826, South Korea

²Division of Restoration Research, National Institute of Ecology,
Yeongyang 36531, South Korea

*Corresponding author

Crop damage by medium-sized wild mammals, especially wild boars and water deer, is increasing in South Korea. Farmers rely on exclusion facilities such as fences, repellents, and traps, but these often harm non-target wildlife, raising ethical concerns. To address this, governmental agencies are developing Wildlife-Friendly Exclusion Facilities (WFEFs) that deter wildlife without causing unintended harm. This study examined farmers' intentions to adopt WFEFs and the factors influencing these intentions, such as their experiences of crop damage, their attitudes toward wildlife and related policies, and their emotional responses to animal injuries. A questionnaire survey was conducted with 219 farmers in Gangwon and Gyeongbuk provinces. Water deer and wild boars were identified as the most damaging species, while mesh-net fences were most often linked to wildlife injuries. Farmers expressed predominantly negative attitudes toward wildlife, yet reported compassion when animals were injured, reflecting ambivalence in human-wildlife relations. Many regarded existing subsidies as inadequate, and willingness to adopt WFEFs declined when only a 50% subsidy was offered. Regression analysis showed that tolerance toward crop-feeding wildlife significantly predicted adoption intentions, suggesting that financial incentives alone are insufficient. Promoting empathy, improving policy trust, and encouraging community-based strategies may enhance adoption of WFEFs, offering new perspectives for mitigating human-wildlife conflicts in agricultural landscapes. 🐾

Keywords: Wildlife-Friendly Exclusion Facilities, Crop damage, Human-wildlife conflict

| | |
|---------------------------------------|--|
| <p>Affiliation</p> | <ul style="list-style-type: none"> ● Research Institute for Veterinary Science & Lab of Veterinary Humanities & Social Science, College of Veterinary Medicine, Seoul National University |
| <p>Education</p> | <ul style="list-style-type: none"> ● PhD. student (Veterinary Humanities and Social Science), Seoul National University (2021–present) ● MVSc.(Conservation genetics), College of Veterinary Medicine, Seoul National University (2011–2021) ● BSc.(Biology), College of Science, Yonsei University (2005–2011) |
| <p>Professional Experience</p> | <ul style="list-style-type: none"> ● Wildlife surveyor, National Institute of Biological Resources (2021~2025) ● Wildlife surveyor, National Institute of Ecology (2020~2025) ● Researcher, Conservation Genome Resource Bank for Korean Wildlife (2018–2022) ● Co-Founder, Independent culture space ‘GUIISO’ (2014~2016) ● Staff, International Contemporary Art Festival Office of ‘Festival B:om’ (2013–2016) |
| <p>Research Interests</p> | <ul style="list-style-type: none"> ● Wildlife focused history and human–animal relationships |



Animal and Plant
Quarantine Agency

S E O U L 2 0 2 6



47th WAHAH CONGRESS

World Association for the History of Animal Health

June 24–26, 2026 | Seoul, Republic of Korea



History of Science and Policy for Animal Health

Abstract Submission January 31, 2026

Earlybird Registration April 1, 2026





47th WAHAH CONGRESS

June 24–26, 2026 | Seoul, Republic of Korea



This is the first WAHAH Congress in Asia, offering a historic opportunity to broaden dialogue and strengthen collaboration across regions. The event is organized by the Animal and Plant Quarantine Agency and the College of Veterinary Medicine, Seoul National University, with the support of several academic partners.

Main Topics

- Veterinary and animal ethics in historical perspectives
- Colonial animals and veterinary medicine
- Biotechnology in veterinary medicine
- Veterinary historical archives and collections
- Teaching veterinary history
- Free topics

Program Highlights

- Plenary lectures, special and parallel sessions
- Poster presentations
- Reception (Day 1) and Gala Dinner (Day 2)
- Cultural expedition in Seoul (Day 3)

Main Venue

College of Veterinary Medicine, Seoul National University
Subway line No.2, Station of Seoul Nat'l Univ (Bus 5511 at Exit 3)

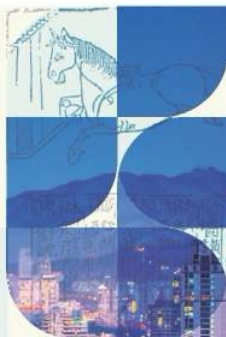
Accommodation

Participants will be offered on-campus lodging at the Hoam Faculty House, within walking distance of the congress halls. Additional hotel options near the university will also be available to suit different preferences.

For more details on the program, accommodation, and travel, please visit the official website:
www.wahah2026.kr



S E O U L 2 0 2 6



First Announcement

**2026 47th Congress of
the World Association for the History of
Animal Health**

24 -26 June 2026 in Seoul, South Korea



We are pleased to announce that the 2026 Congress of the World Association for the History of Animal Health (WAHAH) will take place from **June 24 to 26, 2026, at Seoul National University in Seoul, South Korea**. This will be the **first WAHAH congress held in Asia**, marking an exciting opportunity to expand dialogue and collaboration across regions.

The congress is jointly organized by the **Animal and Plant Quarantine Agency** and the **Research Unit for Veterinary Humanities and Social Science, College of Veterinary Medicine, Seoul National University**.

The overarching theme of the congress is:
“History of Science and Policy for Animal Health”

Topics include, but are not limited to:

- Veterinary and animal ethics in historical perspectives
- Colonial animals and veterinary medicine
- Biotechnology in veterinary medicine
- Veterinary historical archive/collections
- Teaching veterinary history

We warmly welcome submissions that engage with these themes or explore related historical dimensions of veterinary medicine.

Abstract Submission Period: October 1, 2025 – January 31, 2026

Early Registration Opens: March 1, 2026

We look forward to welcoming you to Seoul for this important international gathering of scholars, practitioners, and students interested in the history of veterinary medicine.

Further details and the official website will be announced soon.



Animal and Plant
Quarantine Agency

S E O U L 2 0 2 6

- 22 -



별첨 2. 해외 초청 연자 경력 및 연구 주제

1. Svenja Springer

| | |
|--------------------------------|--|
| Affiliation | <ul style="list-style-type: none"> Messerli Research Institute, University of Veterinary Medicine, Vienna Veterinaerplatz 1, 1210 Vienna, Austria |
| Professional Experience | <ul style="list-style-type: none"> (since March 2025) Assistant Professor of Veterinary Ethics at the University of Veterinary Medicine (since Sept 2021) Senior researcher of the Centre for Companion Animal Welfare, University of Copenhagen, (Jan 2021 – March 2025) University assistant (Post-doc) at the Unit of Ethics and Human-Animal Studies, Messerli Research Institute, Vienna, Austria (Sept 2017- May 2022) PhD-student at the University of Copenhagen, Denmark and University of Veterinary Medicine, Vienna, Austria (host university) (Apr 2015–May 2016) Scholarship holder at the University of Veterinary Medicine, Vienna, Austria (Dec 2014–Aug 2017) Scientific staff member at the Unit of Ethics and Human-Animal Studies, Messerli Research Institute, Vienna, Austria |
| Research Interests | <ul style="list-style-type: none"> Empirically informed veterinary ethics, veterinary ethics, veterinary professional ethics, empirically informed human-animal interaction Svenja Springer emphasizes the importance of identifying and reflecting on existing challenges and dilemmas in veterinary practice, aiming to develop practical and contextually relevant solutions for the veterinary profession. Her research interests center on the empirical analysis of human-animal relationships and the moral dilemmas encountered by veterinary professionals. Springer actively presents her work at national and international conferences, striving to illuminate critical issues of veterinary ethics within the profession. |

2. Johanna Karg

| | |
|--------------------------------|---|
| Affiliation | <ul style="list-style-type: none"> Messerli Research Institute; University of Veterinary Medicine Vienna, Austria |
| Professional Experience | <ul style="list-style-type: none"> (2021-2023) Inspector for animal husbandry and livestock system for an Austrian Quality Seal (since 2023) PhD Student at Messerli Research Institute |
| Research Interests | <ul style="list-style-type: none"> Veterinary Ethics Farm Animal Medicine Farm Animal Ethics |

3. Marc Bubeck

| | |
|--------------------------------|--|
| Affiliation | <ul style="list-style-type: none"> University of Potsdam (Medical Ethics) LMU Munich (Sociology) |
| Professional Experience | <ul style="list-style-type: none"> (2023-2025) Researcher, at Junior Professor of Medical Ethics with a focus on digitalization, Faculty of Health Sciences, University of Potsdam Job title, Institution name Lecturer (since 2018) LMU Munich, University of Potsdam, KSH Munich: i n Nursing, Sociology, Gender Studies |
| Research Interests | <ul style="list-style-type: none"> Qualitative Methods Human-Animal Studies Science & Technology Studies Veterinary Humanities & Ethics |

4. Sarah Bolton

| | |
|--------------------------------|---|
| Affiliation | <ul style="list-style-type: none"> The University of British Columbia |
| Professional Experience | <ul style="list-style-type: none"> (2025 to present) Postdoctoral Research Fellow, The University of British Columbia, (2023-2024) Dairy Beef and Animal Welfare Manager, HW Greenham & Sons (2019-2023) National Animal Welfare Lead, Dairy Australia (2017-2019) District Veterinarian, North Coast Local Land Services (2015-2017) Associate Veterinarian, Grafton Veterinary Clinic, Associate Veterinarian (2013-2015) Northern Rivers Equine Veterinary Clinic |
| Research Interests | <ul style="list-style-type: none"> Bolton's overall research aim is to support the implementation of food animal production systems that are simultaneously environmentally, socially, and economically sustainable. Within this nexus, my work centres on the welfare of food production animals and complex challenges in agriculture where the needs of all stakeholders, including the public and the animals, need to be understood and accounted for. My doctoral dissertation focused on the welfare of surplus dairy calves and included the use of multistakeholder dialogues to identify and integrate the needs of farmers, value chain stakeholders, the public, and the animals themselves. My postdoctoral research deepens this focus on calf management to include cow-calf contact dairy systems, and broadens to include other low-value, 'marginalized' animals in food production systems, ethical challenges in cattle veterinary practice, and the role of gender identity in caring for food animals. My research under these themes falls within both the social and natural sciences using a combination of qualitative and quantitative methodologies. |



별첨 3. 심포지엄 프로그램

| | |
|----------------------------|--|
| Registration (9:30~10:00) | |
| 10:00 | Opening Myung Sun Chun (Seoul National University, South Korea) |
| 10:10 | Keynote Lecture |
| | Recovering the Contact Zone: The Case of Massacre of Mountain Goats in 2023~2024 접촉지대 회복하기: 2023-2024년 산양 떼죽음 사건 Kiheung Kim (POSTECH, South Korea) |
| Coffee Break (11:00-11:30) | |
| 11:30 | Session 1 : Animals & Vets |
| | "When People Think of Veterinarians, They Don't Think of Slaughterhouses": Austrian Veterinary Meat Inspectors' Perception of the Profession's Reputation and Prestige "사람들은 수의사를 떠올릴 때, 도축장을 생각하지 않는다": 오스트리아 도축 검사 수의사들의 전문직 평판과 위상에 대한 인식 Johanna Karg (University of Veterinary Medicine Vienna, Austria) |
| | Mapping Veterinary Death Work: Multicontextual Practices and Professional Boundaries 수의학적 사망과 관련된 업무 계획: 복합적인 맥락에서의 적용과 전문성의 범주 Marc J. Bubeck (University of Potsdam, Germany) |
| | Understanding Clinical Encounters in Veterinary Medicine: An Exploration of Veterinarian's Lived Experiences 수의학에서의 의료적 만남: 수의사 경험을 중심으로 Eugene Choi (Seoul National University, South Korea) |
| Lunch (13:00-14:00) | |
| 14:00 | Session 2 : Relationship of Care |
| | Navigating the Final Moment - A Transnational Survey on Horse Owners' Experiences, Expectations, and Attitudes Towards Euthanasia 마지막 순간 헤쳐 나가기 - 말 소유자가 가진 안락사에 대한 경험, 기대, 태도 Svenja Springer (University of Veterinary Medicine Vienna, Austria) |
| | Korean Pet Owners' Caregiver Burden and Its Impact on Perception of Quality of Life 반려동물 보호자들의 돌봄 부담과 삶의 질 Seola Joo (Seoul National University, South Korea) |



| | |
|-------------------------------|---|
| Coffee Break (15:00-15:30) | |
| 15:30 | Session 3 : Animals & Food production |
| | <p>Value and Vulnerability: How Modern Food Production Systems Give Rise to Low Value, 'Marginalized' Animals and Approaches to Supporting Systems-level Change 가치와 취약성: 현대 식량 생산 제도는 어떻게 가치가 낮은 '소외' 동물을 만드는가, 제도 수준의 변화를 돕는 방법들</p> <p style="text-align: right;">Sarah E. Bolton (The University of British Columbia, Canada)</p> |
| | <p>Farmers' Attitudes and Intentions toward Adopting Wildlife-Friendly Exclusion Facilities: Implications for Reducing Non-Target Animal Harm 야생동물 친화적 농작물 피해예방시설 설치에 대한 농업인들의 태도와 의향: 비윤리적 살상 사고 저감을 중심으로</p> <p style="text-align: right;">Dong Youn Kim (Seoul National University, South Korea)</p> |
| Wrap up & Photo (16:30-16:45) | |
| 16:45 | End |