




COLLECTION

Ticks and tick borne pathogens

381 SAMPLES
2011/14 - 2018/19

Portugal
Team: Ana Domingos (PI)
Sandra Antunes
Restriction Access: Level II
Deposit/Virtual: Virtual
Storage Temp: -80°C
Informed Consent: Yes



COLLECTION

Insects


14.991 SAMPLES
2009

Ghana
Team: Patrícia Salgueiro (PI)
Restriction Access: Level I
Deposit/Virtual: Deposit
Storage Temp: Room Temp
Informed Consent: Not Applied

Table 1. Biotropical Resources collections

| NON-HUMAN SAMPLES | GHANA | PORTUGAL | HUMAN SAMPLES | GUINEA-BISSAU |
|-------------------|--|----------|---------------|---------------|
| | <i>Anopheles gambiae</i> | | | |
| | <i>Culex quinquefasciatus</i> | | | |
| | Other insects | | | |
| | Galba sp. | | | |
| | <i>Radix spp.</i> | | | |
| | <i>Physa sp.</i> | | | |
| | DNA <i>Galba truncatula</i> | | | |
| | DNA <i>Galba schirazensis</i> | | | |
| | RNA <i>Rhipicephalus bursa</i> | | | |
| | RNA <i>Ixodes scapularis</i> (cell line IDE8) | | | |
| | Kennel Cats blood | | | |
| | Kennel Staff blood | | | |
| | Sera Positive (Antibodies anti- <i>Leptospira interrogans</i>) | | | |
| | Sera Negative/Not Conclusive (Antibodies anti- <i>Leptospira interrogans</i>) | | | |
| | Fecal swab (Children) | | | |
| | Microbiome - Polio Vaccine | | | |
| | Nasopharyngeal swab (Children Microbiome - Polio Vaccine) | | | |
| | DNA Fecal (Children) | | | |
| | Microbiome - Polio Vaccine | | | |
| | DNA Nasopharyngeal (Children) | | | |
| | Microbiome - Polio Vaccine | | | |
| | TOTAL | | | 20902 |

Strategic tool to improve research on Health Sciences, mainly on Infectious Diseases and Tropical Medicine

About Biotropical Resources

Created in late 2016, is prepared to receive and provide biological samples, both of human and non-human origin, mainly from endemic infectious diseases.

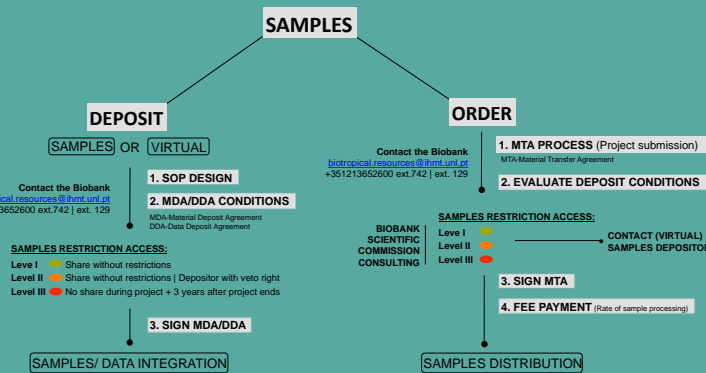
The management is assured by two Coordinators (general and technical), a Scientific Committee, a Technical Committee and external Consultants.

Best Practices, Ethical and Legal

- High quality adapted facility
- Follow the ISBER Best Practices for Repositories 2018 and OECD Best Practice Guidelines for BRC
- Regulated by Nagoya Protocol and GRDP
- Approved by NOVA Data Protection Officer



How to Deposit and Order



Achievements and Future Strategies


- ✓ IMPLEMENTATION OF THE INFRASTRUCTURE AND BIOBANKING ACTIVITIES
- ✓ INTEGRATION OF 20.902 SAMPLES
- ✓ MEMBER OF THE PT-mBRCN
- ✓ DISSEMINATION AND NETWORKING
- ✓ FORMAL ESTABLISHMENT AS A RESEARCH RESOURCE SERVICE FOR SCIENTISTS

Acknowledgments | We are grateful to all GHTM/ IHMT NOVA researchers for their collaboration and sample donation



COLLECTION

Children respiratory and intestinal microbiome

860 SAMPLES
2018

Guinea-Bissau
Team: Miguel Lanaspá (PI)
Márcia Medeiros
Restriction Access: Level II
Deposit/Virtual: Deposit
Storage Temp: -80°C
Informed Consent: Yes



COLLECTION

Sera antibodies +/- anti-*Leptospira interrogans*


4.515 SAMPLES
2000/02 - 2004/15

Portugal
Team: Luísa Vieira (PI)
Teresa Carreira
Restriction Access: Level II
Deposit/Virtual: Virtual
Storage Temp: -80°C
Informed Consent: Yes



COLLECTION

Fresh water snails and DNA

155 SAMPLES
2017/18

Portugal
Team: Isabel Maurício (PI)
Samira D'Almeida
Restriction Access: Level III
Deposit/Virtual: Deposit
Storage Temp: -80°C
Informed Consent: Not Applied