**Supplementary Material**

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| **Supplementary Table S1. Description of the fixer Metacarn**  |
| Reagent | Volume (ml) | Temperature (°C) |
| Methanol PA  | 60 | Room temperature |
| Chloroform PA | 30 | Room temperature |
| Acetic acid PA  | 10 | Room temperature |

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| **Supplementary Table S2. Description of the tissue processing in paraplast** |
| Dehydration |
| Reagent | Time (min) | Procedure | Temperature (°C) |
| Ethanol PA 80%  | 60 | immersion | Room temperature |
| Ethanol PA 95% | 60 | immersion | Room temperature |
| Ethanol PA 100% | 60 | immersion | Room temperature |
| Ethanol PA 100% | 60 | immersion | Room temperature |
| Ethanol PA 100% | 60 | immersion | Room temperature |
| Diaphanization |
| Reagent | Time (min) | Procedure | Temperature (°C) |
| Xylol PA | 60 | immersion | Room temperature |
| Xylol PA | 60 | immersion | Room temperature |
| Xylol PA | 60 | immersion | Room temperature |
| Infiltration |
| Reagent | Time (min) | Procedure | Temperature (°C) |
| Paraplast I | 60 | immersion | 58º- 60ºC |
| Paraplast II | 60 | immersion | 58º- 60ºC |
| Inclusion Paraplast | Until the sectioning | Embedment | 58º- 60ºC |

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| **Supplementary Table S3. Rehydration to cytochemistry** |
| Reagent | Time (min) | Procedure | Temperature (°C) |
| Xylol PA | 60 | immersion | Room temperature |
| Xylol PA | 60 | immersion | Room temperature |
| Xylol PA | 60  | immersion | Room temperature |
| Ethanol PA 80% | 1 | immersion | Room temperature |
| Ethanol PA 70% | 1 | immersion | Room temperature |
| Ethanol PA 50% | 1 | immersion | Room temperature |
| Distilled water | 5 | immersion | Room temperature |

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| **Supplementary Table S4. Cytochemistry using Gömori reticulin** |
| Reagent | Time (min) | Procedure | Temperature (°C) |
| Potassium permanganate | 2 | Dripping | Room temperature |
| Oxalic acid | 1 | Dripping | Room temperature |
| Alum ferric | 2 | Dripping | Room temperature |
| Ammoniacal silver | 2 | Dripping | Room temperature |
| Formol 10% | 3 | Dripping | Room temperature |
| Golden chloride | 0,2 | Imersion | Room temperature  |
| Sodium hyposulphite | 2 | Dripping | Room temperature |
| Picric acid | 2 | Dripping | Room temperature |

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| **Supplementary Table S5. Dehydration and cover with coverslips** |
| Reagent | Time (min) | Procedure | Temperature (°C) |
| Ethanol PA 95% | 1 | immersion | Room temperature |
| Ethanol PA 100% | 1 | immersion | Room temperature |
| Ethanol PA 100% | 1 | immersion | Room temperature |
| Ethanol PA 100% | 1 | immersion | Room temperature |