

## **TEMAS PME5233 – 2020**

- 1) Simulation of heat transfer in neonates (preterm) in an incubator: evaluation of internal body temperature
- 2) Simulation of superficial thermal injuries in animals exposed to wildfires
- 3) Simulation of heat transfer in children in cars: evaluation of internal body temperature
- 4) Simulation of liver thermal tumor ablation
- 5) Simulation of brain cooling due to intercarotid cooling device
- 6) Simulation of human cold-water exposure: prediction of survival time