Sleep and **SPORT** IRELAND **Nutrition Interactions:** INSTITUTE Implications for Athletes Reference: Doherty, R., Madigan, S., Warrington, G. and Ellis, J., 2019. Sleep and nutrition interactions: implications for athletes. Nutrients, 11(4), p.822. Post-exercise Sleep is a Adequate crucial part of recovery is sleep is recovery for vital for all crucial athletes athletes LINKS WITH NUTRITION Consumption of Protein, particularly Drinking **alcohol** has Caffeine carbohydrates. dairy sources (with been associated with consumption can 130g at least 45 min poorer sleep quality and casein protein) may lead to poor sleep before bedtime increase length of quantity, reduced REM which, in turn, improves sleep. High sleep and the overall sleep and increased can lead to GI carbohydrate in intake of protein may sleep disturbance in the increased caffeine improve sleep quality second half of the night the evening meal consumption promotes sleep Timing and quantity of meals is Consuming two kiwifruit one important as large portions hour before bedtime improves and/or meals later in the evening sleep duration, time it takes to fall can negatively impact sleep asleep and reduces waking time potentially due to digestion during the night Consumption of tryptophan containing Tryptophan foods has been shown to improve sleep e.g. milk, turkey, chicken, fish, eggs, is a hormone which pumpkin seeds, beans, peanuts and is crucial for sleep leafy green vegetables





