

Thursday 9th July 2015

| Time  | Session                                                                                                                                                        | Location          |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|       | Session 5: Alzheimer's Disease and Cognitive Function<br>Session Chair:                                                                                        | Howard Theatre    |
| 08.30 | Overview of Alzheimer's Disease and its treatment strategy<br>Professor Riona Mulcahy Waterford Regional Hospital, Age-Related Care Unit, Waterford, Ireland   | Howard Theatre    |
| 09.00 | Assessing cognitive function in AD and non-AD patients                                                                                                         | Howard Theatre    |
| 09.30 | Oxidative stress, carotenoids and dementia                                                                                                                     | Howard Theatre    |
| 10.00 | Challenges in evaluating the role of xanthophylls in cognition across multiple levels of analysis                                                              | Howard Theatre    |
| 10.30 | Tea/Coffee                                                                                                                                                     | Grace Howard Room |
|       | Session 6: Carotenoid Nutrition and Brain<br>Session Chair: Professor Billy R. Hammond University of Georgia, USA                                              | Howard Theatre    |
| 11.00 | Differing xanthophyll content in regions of elderly human brain                                                                                                | Howard Theatre    |
| 11.35 | Exploring the roles of the Xanthophylls in Macular Development                                                                                                 | Howard Theatre    |
| 12.10 | Distribution of Lutein in Membranes of Rhesus Macaque Brain: relationships to cell function and viability<br>Professor Elizabeth Johnson Tufts University, USA | Howard Theatre    |
| 12.30 | Finger Buffet Lunch                                                                                                                                            | Grace Howard Room |
|       | note: Tea/Coffee will be provided in the Howard Building First Floor (poster viewing room)                                                                     |                   |
|       | Session 7: Macular Carotenoids: Clinical Studies<br>Session Chair:                                                                                             | Howard Theatre    |

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| 14.00 | Central Retinal Enrichment Supplementation Trials (CREST) Results: Report 1<br>Professor John M. Nolan Macular Carotenoids Committee Chair, Waterford Institute of Technology, Ireland | Howard Theatre           |
| 14.35 | Macular carotenoids and their measurement: some open questions                                                                                                                         | Howard Theatre           |
| 15.10 | Structural, functional and macular pigment response to carotenoid supplementation in glaucoma subjects                                                                                 | Howard Theatre           |
| 15.30 | Tea/Coffee note: Tea/Coffee will be provided in the Howard Building First Floor (poster viewing room)                                                                                  |                          |
| 16.00 | Session 8: Investigator Poster Session Session Chairs (Professor James Loughman, Dr Antonio Mendelez-Martinez, Professor Elizabeth Johnson)                                            |                          |
|       | -All scientific posters will be on display in the Howard Building First Floor (poster viewing room) during the conference                                                              |                          |
| 18.00 | Group Photo                                                                                                                                                                            | Howard Court Lawns       |
| 18.15 | Gala dinner drinks reception                                                                                                                                                           | Fellows Lawn             |
| 19.30 | Gala Dinner                                                                                                                                                                            | Downing College Dining H |
|       | The Howard Poster and Investigator Presentation Prizes will be awarded after the dinner, followed by an address from Dr. Alan Howard, Chairman of the Trustees, Howard Foundation      |                          |
| 21.30 | Cash Bar until midnight                                                                                                                                                                | Howard Building          |